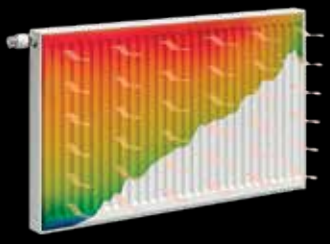
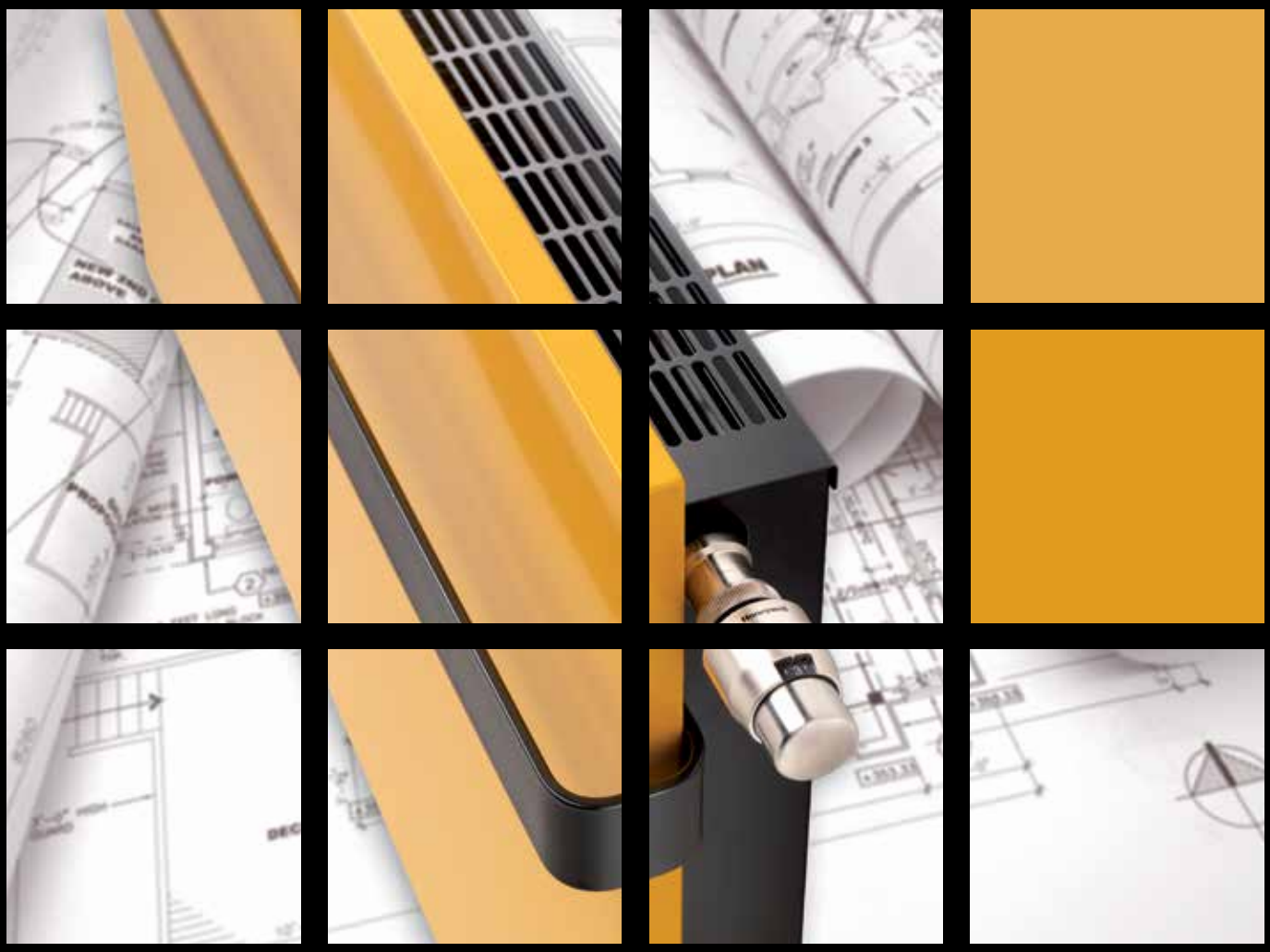
HENRAD



TECHNICAL INFORMATION
YOUR IDEAL HEATING SOLUTION



Technical documentation
2024 International

HENRAD:
it's all about expertise

HENRAD HEATS MILLIONS OF HOMES ALL OVER EUROPE. IN 1978 FOUNDER LOUIS HENDRICKX PRODUCED HIS FIRST SHEET STEEL RADIATOR. MANY DECADES LATER HENRAD IS STILL AT THE TOP. IN-HOUSE DEVELOPED STANDARD AND DESIGNER RADIATORS MAKE HENRAD THE TREND-SETTER ON THE EUROPEAN RADIATOR MARKET. THE UNIQUE ECO TECHNOLOGY ALLOWS HENRAD TO BRING EVEN THE MOST ENERGY-SAVING RADIATORS ONTO THE MARKET.

The high quality requirements that founder 'Lowieke Stoof' had in mind with his first radiators in the Seventies, are still embedded in the company's genes. The ambitions to distribute top radiators through an international distribution network of wholesale businesses; in heating and sanitary fittings, have remained unchanged. However, the underlying technologies have undergone big evolutions.

PART OF THE STELRAD RADIATOR GROUP

Since 2005 Henrad has been part of the Stelrad Radiator Group (SRG). Anchoring in a European group offers us the required basis and power to consolidate and further strengthen our European position.

DESIGN AND FUNCTIONALITY

The extremely sturdy steel plate radiator is still the backbone of Henrad's assortment. Instead of a few standard colours, almost all RAL colours are now available. Henrad's beautiful decorative radiators add value and flair to any room within the home or business

At Henrad, design and functionality go hand in hand. We have the right radiators for each house - whether it's a stately city building, a townhouse or a villa surrounded by luxurious surroundings.

HEAT = VALUABLE

Heat is a valuable resource. If there is no heat, there is no comfort or coziness. But heat should also be treated with care. The R&D department has been working hard at maximizing the heat efficiency of Henrad radiators.

These developments have already brought great results. With the ECO technology - which we already apply to our standard and decorative radiators – you will end up saving on your energy bill what you paid for your radiator. You can enjoy comfortable heat every day, while your energy bill and the environment benefit greatly from it.

SUSTAINABLE, GREEN HEAT

Henrad will continue on the path it has taken also in the years to come. Quality and heat comfort are the foundation. We combine this with innovative strong designs for an exclusive image. And we keep working with more sustainable green heat! That's what we go for, because you and our planet deserve it.

VENTO RANGE

Everest Plan VENTO 6
Compact VENTO 8

ECO RANGE

Premium ECO 12
Hygiene ECO 16

DESIGN RANGE

Column 20
Verona Vertical 22
Venice 23
Arno Single 24
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DECO RANGE

Everest Slim ECO 26
Everest Plan ECO 28
Everest Line ECO 32
Everest Plan 8 36
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SPECIAL RANGE

ECO Galva 84
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STANDARD RANGE

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Premium All In 120
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ELECTRICAL RANGE

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Alto E 133
Oceanus E-VENTO 136
Oceanus E 137

BATHROOM RANGE

Oceanus · Oceanus CT 138
Aphrodite · Aphrodite CT 139

GENERAL

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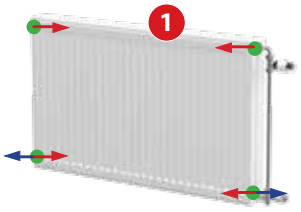
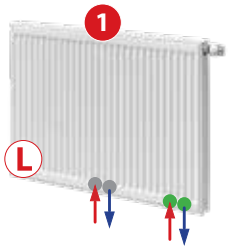
CONNECTION OVERVIEW: HORIZONTAL RADIATORS

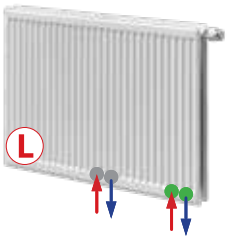
Compact VENTO



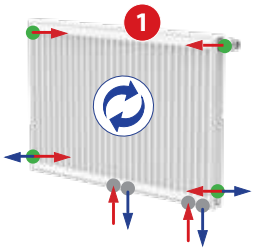
Premium ECO



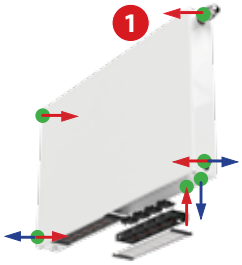
Hygiene ECO



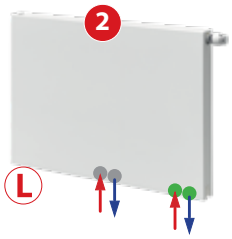
Premium 8



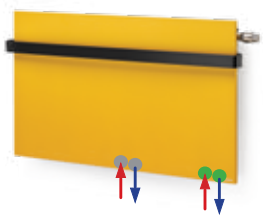
Everest Plan VENTO



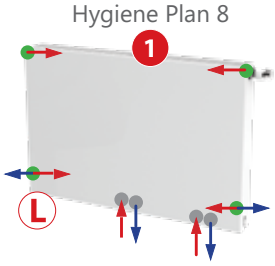
Everest Plan ECO



Everest Slim ECO

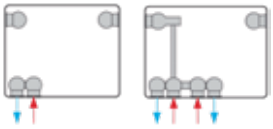


Everest Plan 8
Hygiene Plan 8

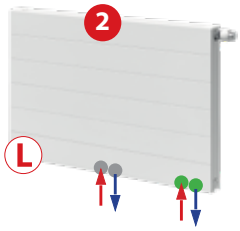


ECO (L) Left version

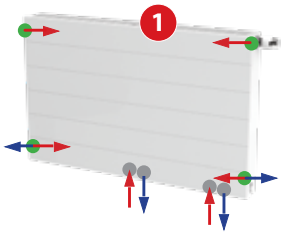
T20-T33 T10-T11



Everest Line ECO

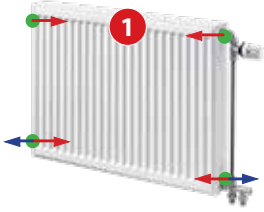


Everest Line 8

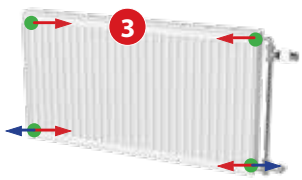


Premium All In

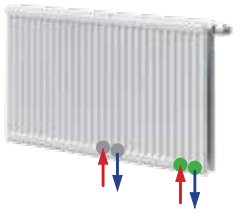
Compact All In



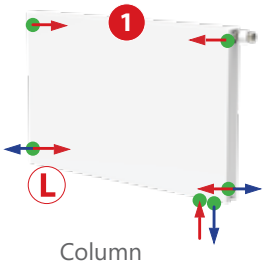
Reno



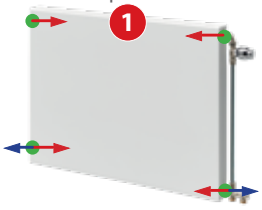
ECO Galva / Hygiene ECO Galva



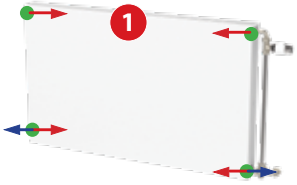
Everest Plan



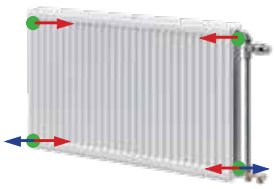
Compact Plan



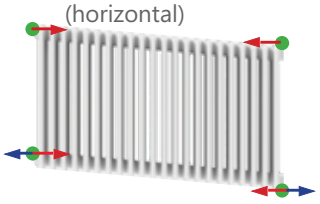
Reno Plan



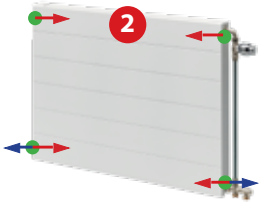
Hygiene / Hygiene Galva



Column
(horizontal)



Compact Line

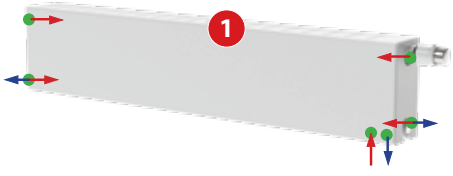


R3001
"Elite"

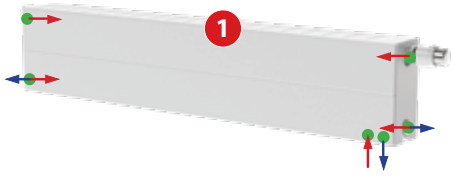
R3005 - "Flatwire"

R3002
"Accord"

Everest Plan Plinth (D)



Everest Line Plinth (D)



Premium Plinth

Attention: The bottom connections must be used in pairs and cannot be used in combination with other connections. (see also page 145)

CONNECTION OVERVIEW: VERTICAL RADIATORS

Alto Swing

Alto Tango

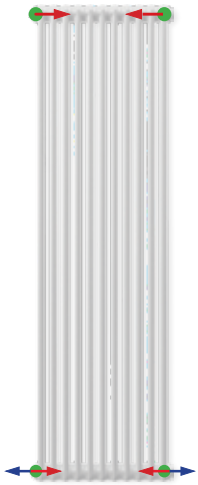
Alto Slim

Alto Line *

Alto Plan *

Alto *
Vertical Galva *

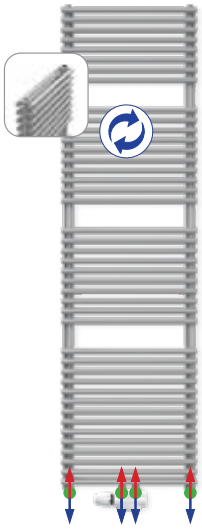
Column
(vertical)



Venice

Verona Vertical

Arno Double



Arno
Single

Oceanus
Oceanus CT

Aphrodite
Aphrodite CT

½" Female connection

¾" Eurocone male connection

Reversible Front-Back

Reversible Top-Bottom

L Left version available

* For the connection possibilities when the radiator is reversed: see also pages 78, 79 and 113

Attention: for the vertical radiators:
- combine either the inner (centre) connections
- or the outer connections for in- and outlet. (cannot be combined)

GENERAL INFORMATION

EVEREST PLAN VENTO

The Everest Plan VENTO ultra-low-temperature radiator is the decorative version in our VENTO range.
The fully automatic radiator with integrated fans provides an enhanced convection.
This makes the radiator extremely suitable for low and ultra-low supply temperatures, such as with heat pumps.
In addition, the VENTO can provide non-condensing cooling in combination with a heat pump.

Product:	decorative ultra-low-temperature valve radiator with a flat front and integrated fans for a boosted convection
Finishing:	decorative flat front, upper grille and side panels
Pre-installed:	fully automatic fans, preset Heimeier 4368 or 4369 valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	AC/DC adapter 240V/12V with 1,5 m power cable, VDI brackets with anti-lift (type Monclac), screws, plugs and installation instructions
Control:	fully automatic, modulating control. When plugging in, the fans will briefly operate to check their proper functioning. During their normal operation the fans will start when the bottom side remains warm during a certain amount of time. This may take 10 – 30 minutes.
Cooling:	in combination with a heat pump. The inlet temperature must remain above the dew point. For optimal cooling, the direction of the water through the radiator must be reversed, and the thermostatic head fully open. If the room temperature is higher than the maximum temperature setting of the radiator thermostat, the thermostatic head must be temporarily removed.
Sound pressure:	max. 32 dB(A) at a distance of 1 meter, for a radiator with a length of 1.000 mm and a height of 600 mm
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Min./max. operating temp.:	35 – 60 °C
Conformity:	in accordance with EN16430
Max. electrical power:	1,2 – 7 W
Number of fans:	4 – 21
Type:	22
Heights:	400 | 600 | 900 mm
Lengths:	500 – 2.000 mm
Depth:	102 mm

CE
2021

TYPE OVERVIEW AND HEAT OUTPUTS ACCORDING TO EN16430

On the label:
VENTO PLAN T22: 0240

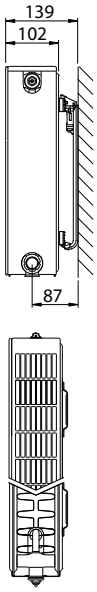
Art. 0240 04 22 06
H400
T22
L600

10 YEAR WARRANTY

Calculation factor per meter at 75/65/20°C according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T22	Centre distance
400	W	1.522	350
	kg	24,67	
	l	4,60	
	m²	4,92	
	n	1,20	
600	W	1.983	550
	kg	35,70	
	l	6,60	
	m²	7,74	
	n	1,21	
900	W	2.562	850
	kg	53,55	
	l	9,65	
	m²	12,68	
	n	1,25	

W=heat output per meter / kg=weight per meter / l=content per meter
m²=surface per meter / n=exponent

The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

ΔT	12,5°C	EN16430	35/30/20°C
ΔT	20°C	EN16430	45/35/20°C

Height	400	600	900	Height
Type	22			Type
500	145 254 0240042205	185 327 0240062205	225 406 0240092205	500
600	173 305 0240042206	222 392 0240062206	270 487 0240092206	600
700	202 355 0240042207	259 458 0240062207	315 568 0240092207	700
800	231 406 0240042208	296 523 0240062208	360 650 0240092208	800
900	260 457 0240042209	333 588 0240062209	405 731 0240092209	900
1000	289 508 0240042210	370 654 0240062210	450 812 0240092210	1000
1100	318 558 0240042211	407 719 0240062211	495 893 0240092211	1100
1200	347 609 0240042212	444 784 0240062212	540 974 0240092212	1200
1400	405 711 0240042214	518 915 0240062214	630 1137 0240092214	1400
1600	462 812 0240042216	592 1046 0240062216	721 1299 0240092216	1600
1800	520 914 0240042218	666 1177 0240062218		1800
2000	578 1015 0240042220	740 1307 0240062220		2000

GENERAL INFORMATION

COMPACT VENTO

The Compact VENTO is the ultra-low-temperature radiator that, thanks to its modulating control and integrated fans, provides you with pleasant heating comfort even at low temperatures. The big advantage of this model is that the fans are controlled fully automatically. This radiator has also been specifically developed for use in combination with renewable energy sources such as a heat pump. In addition, the VENTO can provide non-condensing cooling in combination with a heat pump.

Product:	ultra-low-temperature radiator with integrated fans for a boosted convection
Finishing:	upper grille and side panels
Pre-installed:	fully automatic fans
Also supplied:	AC/DC adapter 240V/12V with 1,5 m power cable, VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Control:	fully automatic, modulating control. When plugging in, the fans will briefly operate to check their proper functioning. During their normal operation the fans will start when the bottom side remains warm during a certain amount of time. This may take 10 – 30 minutes.
Cooling:	in combination with a heat pump. The inlet temperature must remain above the dew point. For optimal cooling, the direction of the water through the radiator must be reversed, and the thermostatic head fully open. If the room temperature is higher than the maximum temperature setting of the radiator thermostat, the thermostatic head must be temporarily removed.
Sound pressure:	max. 32 dB(A) at a distance of 1 meter, for a radiator with a length of 1.000 mm and a height of 600 mm
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Min./max. operating temp.:	35 – 60 °C
Conformity:	in accordance with EN16430
Max. electrical power:	1,2 – 7 W
Number of fans:	4 – 21
Type:	22
Heights:	400 | 600 | 900 mm
Lengths:	500 – 2.000 mm
Depth:	100 mm

CE
2021

TYPE OVERVIEW AND HEAT OUTPUTS ACCORDING TO EN16430

On the label:
COMPACT VENTO T22: 0110

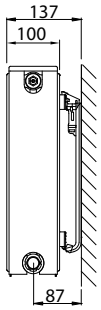
Art. 0110 04 22 06
- 0110
- 04 H400
- 22 T22
- 06 L600

10 YEAR WARRANTY

Calculation factor per meter at 75/65/20°C according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T22	Centre distance
400	W	1.541	350
	kg	22,10	
	l	4,60	
	m²	4,92	
	n	1,20	
600	W	1.992	550
	kg	30,00	
	l	6,60	
	m²	7,74	
	n	1,24	
900	W	2.666	850
	kg	46,80	
	l	9,65	
	m²	12,68	
	n	1,27	

W=heat output per meter / kg=weight per meter / l=content per meter
m²=surface per meter / n=exponent

The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

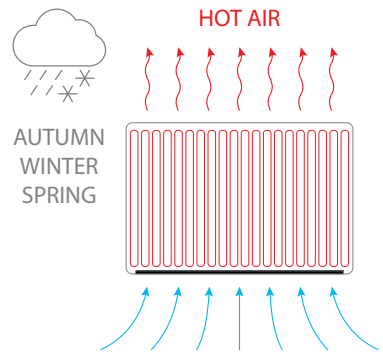
ΔT 12,5°C | EN16430 35/30/20°C

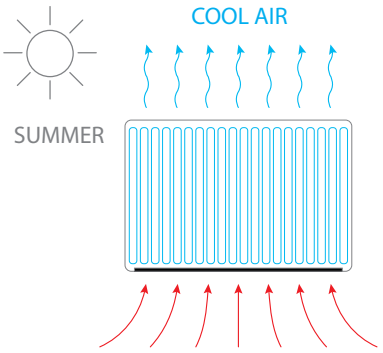
ΔT 20°C | EN16430 45/35/20°C

Height	400	600	900	Height
Type	22			Type
500	145 / 256 / 0110042205	180 / 321 / 0110062205	229 / 416 / 0110092205	500
600	174 / 307 / 0110042206	215 / 385 / 0110062206	275 / 499 / 0110092206	600
700	203 / 358 / 0110042207	251 / 449 / 0110062207	321 / 583 / 0110092207	700
800	232 / 409 / 0110042208	287 / 514 / 0110062208	366 / 666 / 0110092208	800
900	261 / 460 / 0110042209	323 / 578 / 0110062209	412 / 749 / 0110092209	900
1000	290 / 511 / 0110042210	359 / 642 / 0110062210	458 / 832 / 0110092210	1000
1100	319 / 562 / 0110042211	395 / 706 / 0110062211	504 / 916 / 0110092211	1100
1200	348 / 613 / 0110042212	431 / 770 / 0110062212	550 / 999 / 0110092212	1200
1400	406 / 715 / 0110042214	503 / 899 / 0110062214	641 / 1165 / 0110092214	1400
1600	464 / 818 / 0110042216	575 / 1027 / 0110062216	733 / 1332 / 0110092216	1600
1800	522 / 920 / 0110042218	646 / 1155 / 0110062218		1800
2000	580 / 1022 / 0110042220	718 / 1284 / 0110062220		2000

COOLING

Built-in ventilators automatically generate additional convection heat. But that's not all, because when you use it with a heat pump set at no lower than 17°C you can also use a VENTO radiator to cool down your home. Homes are increasingly being well insulated, which increases the risk of overheating in the summer. The cooling kicks in automatically generating a pleasant breeze.





(in watt)		Everest Plan VENTO						Compact VENTO					
		H 400		H 600		H 900		H 400		H 600		H 900	
Ventilator speed		Stand-by	Dyn. max.	Stand-by	Dyn. max.	Stand-by	Dyn. max.	Stand-by	Dyn. max.	Stand-by	Dyn. max.	Stand-by	Dyn. max.
n-exponent		1,2917	0,9211	1,3066	0,9528	1,3202	0,8715	1,305	0,8937	1,3055	0,9204	1,2942	0,82
L 500	17 / 19 / 28°C	57	95	79	113	107	122	59	92	81	109	113	128
L 600	17 / 19 / 28°C	68	113	94	135	128	146	70	110	97	130	136	153
L 700	17 / 19 / 28°C	80	132	110	158	149	170	82	129	113	152	158	179
L 800	17 / 19 / 28°C	91	151	126	180	170	194	94	147	130	174	181	204
L 900	17 / 19 / 28°C	103	170	141	203	192	219	105	166	146	195	203	230
L 1000	17 / 19 / 28°C	114	189	157	225	213	243	117	184	162	217	226	255
L 1100	17 / 19 / 28°C	125	208	173	248	234	267	129	202	178	239	249	281
L 1200	17 / 19 / 28°C	137	227	188	270	256	292	140	221	194	260	271	306
L 1400	17 / 19 / 28°C	160	265	220	315	298	340	164	258	227	304	316	357
L 1600	17 / 19 / 28°C	182	302	251	360	341	389	187	294	259	347	362	408
L 1800	17 / 19 / 28°C	205	340	283	405	-	-	211	331	292	391	-	-
L 2000	17 / 19 / 28°C	228	378	314	450	-	-	234	368	324	434	-	-

SOUND PRESSURE

The modulation system ensures you achieve your optimal temperature without needing a lot of technical knowledge.
And you won't be disturbed by the ventilators that generate additional convection heat. While other classic systems usually have three settings, the VENTO convection technology has a modulating thermostat to ensure it reaches your desired temperature quickly and noiselessly.

The VENTO only works at full tilt when the temperature in your home has fallen to a low level. In that case the sound pressure at 1 meter of a model measuring 600 mm by 1.000 mm is just 32dB(A), the level of a whisper.

HOW LOUD IS A GIVEN DECIBEL LEVEL?

dB(A)	Perception	Examples
10	Virtually inaudible	Breathing, falling leaf
20	Just audible	Radio studio, rustling leaves
30	Very quiet	Library (30-40), whispers
40	Quiet	Living room, quiet classroom, gentle hubbub, fridge
50	Moderate	Airconditioning, normal conversation, dishwasher

HEATING AT ULTRA LOW TEMPERATURE: CHOOSE SUSTAINABILITY

ENERGY EFFICIENT

Heat sources like heat pumps are more efficient when running on a low temperature supply, even as low as 35°C.
The temperature of a modern heating system will be between 35°C and 60°C, which is precisely VENTO's optimal temperature range. Traditional central heating systems on the other hand run on water heated to 80°C. Lowering the temperature reduces your energy bill and your carbon emissions. And you help achieve the EU's goal of carbon neutrality by 2050.

WHISPER IT: JUST PERFECT

The modulation system ensures you achieve your optimal temperature without needing a lot of technical knowledge.
And you won't be disturbed by the ventilators that generate additional convection heat. While other classic systems usually have three settings, the VENTO convection technology has a modulating thermostat to ensure it reaches your desired temperature quickly and noiselessly. The VENTO only works at full tilt when the temperature in your home has fallen to a low level. In that case the sound pressure at 1 meter of a model measuring 600 mm by 1.000 mm is just 32 dB(A), the level of a whisper. But that's not all, because when you use it with a heat pump set at no lower than 17°C you can also use a VENTO radiator to cool down your home. Homes are increasingly being well insulated, which increases the risk of overheating in the summer. The cooling kicks in automatically, generating a pleasant breeze.

SMART AND USER-FRIENDLY

The fully automatic VENTO radiators work like any other radiator. There are no confusing operating panels or bewildering buttons.
The temperature is regulated in the same way as in regular radiators, with a thermostatic valve with or without a room thermostat.

EASY TO INSTALL

Gas condensation boiler, fuel oil boiler or (hybrid) heating pump. VENTO radiators can be easily connected to any heating source.
A hybrid heating pump is clearly the best option. VENTO radiators are installed in the same way as traditional radiators.
All you need is a free socket.

NEWBUILD AND RENOVATION

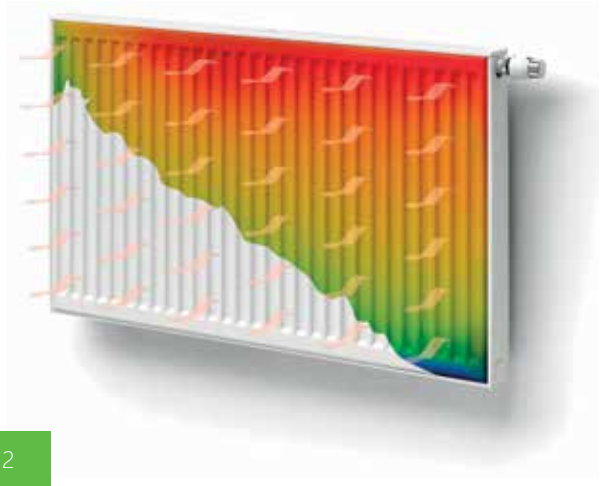
VENTO radiators can be combined with all types of heat sources, which makes them suitable for newbuild or renovations.
They are specially designed to connect to existing pipework. The Compact has four connections on the side.
The Everest Plan also has two lateral connections at the bottom. This makes this luxury radiator very suitable for renovations.

GENERAL INFORMATION

PREMIUM ECO

Low-temperature panel radiator made from high-quality steel, with serial flow technology (water flows first through the front panel). This results in high energy efficiency, maximum radiation (even in low-temperature heating systems), faster heating rate and less waste of energy.

Product:	the Henrad low-temperature valve radiator with serial flow technology, both a centre and lateral bottom connection and a preset valve insert, which can be fitted on the left or right side of the radiator
Finishing:	upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. For types 21 – 22 – 33 the valve insert can also be fitted on the left side of the radiator, a left version for a type 11 radiator is available on request. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs and installation instructions
Connections:	2 x ¾" male Eurocone centre connection and 2 x ½" female lateral bottom connection Left version (types 21-22-33) only with 2 x ½" female lateral bottom connection.
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Declaration of equivalence:	Bureau CRG and Kiwa
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	61 | 77 | 100 | 158 mm



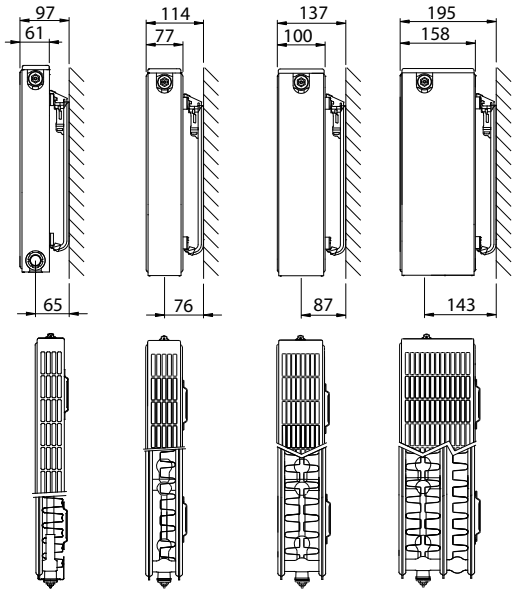
2010

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Height
300	W	509	744	933	1.347	**300**
	kg	9,31	14,30	16,50	24,70	
	l	1,89	3,80	3,70	5,20	
	m²	2,09	2,44	3,51	5,26	
	n	1,32	1,28	1,31	1,33	
400	W	676	927	1.173	1.686	**400**
	kg	12,78	18,83	21,83	32,63	
	l	2,34	4,80	4,77	6,80	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,29	1,30	1,33	
500	W	833	1.107	1.401	2.007	**500**
	kg	16,24	23,37	27,17	40,57	
	l	2,80	5,80	5,83	8,40	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,30	1,30	1,33	
600	W	980	1.287	1.617	2.313	**600**
	kg	19,70	27,90	32,50	48,50	
	l	3,25	6,80	6,90	10,00	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,30	1,30	1,33	
700	W	1.117	1.467	1.824	2.607	**700**
	kg	22,90	32,70	38,07	57,00	
	l	3,77	7,57	7,63	11,25	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,31	1,30	1,33	
900	W	1.360	1.836	2.220	3.180	**900**
	kg	29,30	42,30	49,20	74,00	
	l	4,80	9,10	9,10	13,75	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,32	1,30	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

PREMIUM ECO

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	152 104 204	224 155 298	279 191 373	401 274 539
500	189 129 255	279 193 372	348 239 467	501 342 674
600	227 155 305	335 232 446	418 287 560	601 410 808
700	265 181 356	391 271 521	488 335 653	701 479 943
800	303 207 407	447 309 595	557 383 746	802 547 1.078
900	341 233 458	503 348 670	628 431 840	901 615 1.212
1000	379 259 509	559 387 744	697 479 933	1.002 684 1.347
1100	417 285 560	615 425 818	767 527 1.026	1.102 752 1.482
1200	455 311 611	671 464 893	837 575 1.120	1.202 820 1.616
1400	531 363 713	783 542 1.042	976 670 1.306	1.402 957 1.886
1600		894 618 1.190	1.116 766 1.493	1.602 1.094 2.155
1800		1.006 696 1.339	1.255 862 1.679	1.803 1.231 2.425
2000		1.118 773 1.488	1.394 958 1.866	2.003 1.367 2.694
2200		1.230 851 1.637	1.534 1.054 2.053	2.203 1.504 2.963
2400		1.342 928 1.786	1.673 1.149 2.239	2.404 1.641 3.233
2600			1.813 1.245 2.426	
2800			1.952 1.341 2.612	
3000			2.092 1.437 2.799	

	400			
11	21	22	33	
201 138 270	278 192 371	351 241 469	501 342 674	
252 173 338	348 240 464	438 301 587	627 428 843	
303 208 406	417 288 556	526 362 704	753 514 1.012	
353 242 473	487 336 649	614 422 821	877 599 1.180	
404 277 541	557 384 742	701 482 938	1.003 685 1.349	
454 311 608	626 432 834	789 542 1.056	1.128 770 1.517	
504 346 676	695 480 927	877 602 1.173	1.254 856 1.686	
555 381 744	765 528 1.020	964 662 1.290	1.379 941 1.855	
605 415 811	834 576 1.112	1.052 723 1.408	1.504 1.027 2.023	
706 484 946	974 672 1.298	1.227 843 1.642	1.755 1.198 2.360	
807 554 1.082	1.112 768 1.483	1.403 964 1.877	2.006 1.369 2.698	
908 623 1.217	1.252 864 1.669	1.578 1.084 2.111	2.257 1.540 3.035	
1.009 692 1.352	1.391 960 1.854	1.753 1.205 2.346	2.507 1.711 3.372	
	1.529 1.056 2.039	1.929 1.325 2.581	2.758 1.882 3.709	
	1.669 1.152 2.225	2.104 1.446 2.815	3.009 2.053 4.046	
		2.280 1.566 3.050		
		2.455 1.686 3.284		
		2.630 1.807 3.519		

	500		
11	21	22	33
249 171 333	332 229 443	419 288 560	597 408 803
311 214 417	415 286 554	523 360 701	747 510 1.004
374 257 500	497 343 664	629 432 841	895 611 1.204
436 300 583	580 400 775	733 504 981	1.045 713 1.405
498 343 666	664 457 886	838 576 1.121	1.194 815 1.606
561 386 750	746 514 996	943 648 1.261	1.343 917 1.806
623 428 833	829 571 1.107	1.047 720 1.401	1.492 1.019 2.007
685 471 916	912 628 1.218	1.152 792 1.541	1.642 1.121 2.208
748 514 1.000	995 685 1.328	1.257 864 1.681	1.791 1.222 2.408
872 600 1.166	1.161 800 1.550	1.466 1.007 1.961	2.090 1.426 2.810
997 686 1.333	1.326 914 1.771	1.676 1.152 2.242	2.388 1.630 3.211
1.121 771 1.499	1.493 1.028 1.993	1.885 1.296 2.522	2.687 1.834 3.613
1.246 857 1.666	1.658 1.142 2.214	2.095 1.439 2.802	2.985 2.037 4.014
1.371 943 1.833	1.824 1.256 2.435	2.304 1.583 3.082	3.283 2.241 4.415
1.495 1.028 1.999	1.990 1.371 2.657	2.513 1.727 3.362	3.582 2.445 4.817
		2.723 1.871 3.643	
		2.933 2.015 3.923	
		3.142 2.159 4.203	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

PREMIUM ECO

On the label:
PREMIUM ECO T21-33: 0192
T11: 0191
PREMIUM ECO L (Left) T21-33: 0190
T11: 0193

Art. 0192 09 22 04
H900
T20
L400

Height	600			
Type	11	21	22	33
400	294 203 392	385 265 515	484 332 647	688 470 925
500	367 253 490	482 331 644	604 415 809	860 587 1.157
600	441 304 588	577 397 772	725 498 970	1.032 705 1.388
700	514 355 686	674 463 901	846 582 1.132	1.204 822 1.619
800	588 405 784	770 529 1.030	967 665 1.294	1.376 939 1.850
900	661 456 882	866 595 1.158	1.088 748 1.455	1.548 1.057 2.082
1000	735 507 980	962 662 1.287	1.209 831 1.617	1.720 1.174 2.313
1100	808 557 1.078	1.059 728 1.416	1.330 914 1.779	1.892 1.291 2.544
1200	881 608 1.176	1.155 794 1.544	1.450 997 1.940	2.064 1.409 2.776
1400	1.028 709 1.372	1.347 926 1.802	1.693 1.163 2.264	2.408 1.644 3.238
1600	1.175 810 1.568	1.540 1.058 2.059	1.934 1.329 2.587	2.752 1.879 3.701
1800	1.322 912 1.764	1.733 1.191 2.317	2.176 1.496 2.911	3.096 2.113 4.163
2000	1.469 1.013 1.960	1.925 1.323 2.574	2.418 1.662 3.234	3.440 2.348 4.626
2200	1.616 1.114 2.156	2.117 1.455 2.831	2.659 1.828 3.557	3.784 2.583 5.089
2400	1.763 1.216 2.352	2.310 1.588 3.089	2.902 1.994 3.881	4.128 2.818 5.551
2600			3.143 2.160 4.204	
2800			3.385 2.327 4.528	
3000			3.627 2.493 4.851	

700			
11	21	22	33
335 231 447	438 301 587	546 375 730	776 529 1.043
418 288 559	548 376 734	682 469 912	970 662 1.304
502 346 670	657 451 880	818 562 1.094	1.163 794 1.564
586 404 782	767 526 1.027	955 656 1.277	1.357 926 1.825
670 462 894	876 601 1.174	1.091 750 1.459	1.551 1.059 2.086
753 519 1.005	985 676 1.320	1.228 844 1.642	1.745 1.191 2.346
837 577 1.117	1.095 751 1.467	1.364 938 1.824	1.939 1.323 2.607
921 635 1.229	1.205 827 1.614	1.500 1.031 2.006	2.133 1.456 2.868
1.004 693 1.340	1.314 901 1.760	1.637 1.125 2.189	2.326 1.588 3.128
1.172 808 1.564	1.533 1.052 2.054	1.910 1.313 2.554	2.714 1.853 3.650
1.339 924 1.787	1.752 1.202 2.347	2.182 1.500 2.918	3.102 2.117 4.171
1.507 1.039 2.011	1.972 1.353 2.641	2.455 1.688 3.283	3.490 2.382 4.693
1.674 1.155 2.234	2.190 1.503 2.934	2.728 1.875 3.648	3.878 2.647 5.214

900			
11	21	22	33
408 281 544	546 373 734	664 457 888	946 646 1.272
510 351 680	683 467 918	830 571 1.110	1.183 807 1.590
612 422 816	820 560 1.102	996 685 1.332	1.419 969 1.908
714 492 952	956 653 1.285	1.162 799 1.554	1.656 1.130 2.226
816 562 1.088	1.093 747 1.469	1.328 914 1.776	1.892 1.292 2.544
917 633 1.224	1.229 840 1.652	1.495 1.028 1.998	2.129 1.453 2.862
1.019 703 1.360	1.366 933 1.836	1.661 1.142 2.220	2.365 1.615 3.180
1.121 773 1.496	1.503 1.027 2.020	1.827 1.256 2.442	2.602 1.776 3.498
1.223 844 1.632	1.639 1.120 2.203	1.993 1.371 2.664	2.838 1.938 3.816
1.427 984 1.904	1.913 1.307 2.570	2.325 1.599 3.108	3.311 2.261 4.452
1.631 1.125 2.176	2.186 1.494 2.938	2.657 1.827 3.552	3.784 2.583 5.088
1.835 1.265 2.448	2.459 1.680 3.305	2.989 2.056 3.996	4.257 2.906 5.724
2.039 1.406 2.720	2.733 1.867 3.672	3.321 2.284 4.440	4.730 3.229 6.360

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

HYGIENE ECO

Low-temperature panel radiator made from high-quality steel, with serial flow technology (water flows first through the front panel). This results in high energy efficiency, maximum radiation (even in low-temperature heating systems), faster heating rate and less waste of energy.

Product:	the low-temperature valve radiator specifically developed for environments where hygiene and safety are all-important, with serial flow technology, both a centre and lateral bottom connection and a preset valve insert, which can be fitted and the left or right side of the radiator
Finishing:	without upper grille or side panels and without convection fins
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. For types 20 and 30 the valve insert can also be fitted on the left side of the radiator, a left version for a type 10 radiator is available on request. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Connections:	2 x ¾" male Eurocone centre connection and 2 x ½" female lateral bottom connection. Left version (types 20-30) only with 2 x ½" female lateral bottom connection.
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	Hygiene
Types:	10 | 20 | 30
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	47 | 77 | 158 mm

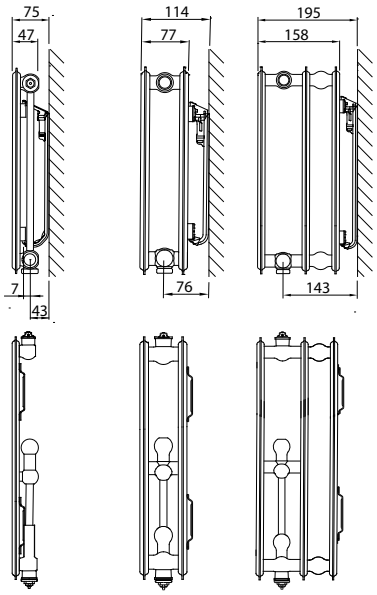
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T20	T30	Height
300	W	338	585	867	**300**
	kg	6,17	11,57	17,80	
	l	1,89	3,71	5,50	
	m²	0,68	1,37	2,04	
	n	1,28	1,27	1,30	
400	W	430	732	1.074	**400**
	kg	8,22	15,35	23,27	
	l	2,34	4,71	7,07	
	m²	0,91	1,83	2,73	
	n	1,29	1,28	1,30	
500	W	521	879	1.275	**500**
	kg	10,28	19,12	28,73	
	l	2,80	5,70	8,63	
	m²	1,14	2,28	3,42	
	n	1,30	1,28	1,30	
600	W	610	1.023	1.470	**600**
	kg	12,33	22,90	34,20	
	l	3,25	6,70	10,20	
	m²	1,37	2,74	4,11	
	n	1,31	1,29	1,31	
700	W	699	1.167	1.659	**700**
	kg	14,19	26,83	40,10	
	l	3,77	7,57	11,33	
	m²	1,60	3,20	4,79	
	n	1,32	1,29	1,31	
900	W	877	1.458	2.034	**900**
	kg	17,90	34,70	51,90	
	l	4,80	9,30	13,60	
	m²	2,06	4,12	6,17	
	n	1,33	1,30	1,32	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HYGIENE ECO

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300		
Type	10	20	30
400		176 122 234	260 179 347
500	127 88 169	220 153 293	325 224 434
600	152 105 203	264 183 351	389 268 520
700	178 123 237	309 214 410	454 313 607
800	203 140 270	352 245 468	520 358 694
900	228 158 304	396 275 527	584 402 780
1000	254 176 338	441 306 585	649 447 867
1100	279 193 372	485 336 644	714 492 954
1200	305 211 406	529 367 702	779 536 1.040
1400	355 246 473	617 428 819	909 626 1.214
1600		705 489 936	1.038 715 1.387
1800		793 550 1.053	1.169 805 1.561
2000		881 611 1.170	1.298 894 1.734
2200		969 672 1.287	1.428 983 1.907
2400		1.057 734 1.404	1.558 1.073 2.081
2600		1.145 795 1.521	
2800		1.234 856 1.638	
3000		1.322 917 1.755	

400		
10	20	30
	220 153 293	322 221 430
161 111 215	275 191 366	402 276 537
193 133 258	330 229 439	482 331 644
226 155 301	385 267 512	563 387 752
258 178 344	441 305 586	643 442 859
290 200 387	496 343 659	723 498 967
322 222 430	551 381 732	804 553 1.074
354 244 473	605 419 805	884 608 1.181
387 267 516	660 457 878	964 663 1.289
451 311 602	771 534 1.025	1.125 774 1.504
516 355 688	881 610 1.171	1.285 884 1.718
580 400 774	991 687 1.318	1.446 995 1.933
644 444 860	1.101 763 1.464	1.607 1.106 2.148
	1.211 839 1.610	1.768 1.216 2.363
	1.321 915 1.757	1.929 1.327 2.578
	1.431 991 1.903	
	1.542 1.068 2.050	
	1.652 1.144 2.196	

500		
10	20	30
	264 183 352	381 262 510
194 134 261	331 229 440	477 328 638
234 161 313	396 274 527	572 393 765
273 188 365	462 319 615	667 458 893
312 214 417	528 365 703	763 524 1.020
351 241 469	594 411 791	858 590 1.148
389 268 521	660 457 879	953 655 1.275
428 294 573	726 502 967	1.048 720 1.403
467 321 625	793 548 1.055	1.144 786 1.530
545 375 729	925 639 1.231	1.334 917 1.785
623 428 834	1.056 730 1.406	1.525 1.048 2.040
701 482 938	1.188 822 1.582	1.716 1.179 2.295
779 535 1.042	1.321 913 1.758	1.906 1.310 2.550
857 589 1.146	1.453 1.005 1.934	2.097 1.441 2.805
934 642 1.250	1.585 1.096 2.110	2.288 1.572 3.060
	1.716 1.187 2.285	
	1.849 1.278 2.461	
	1.981 1.370 2.637	

HENRAD NV:PL20/0002/E001

HYGIENE ECO

On the label:
HYGIENE ECO T20-30: 0692
T10: 0691
HYGIENE ECO L (Left) T20-30: 0690
T10: 0693

Art. 0692 09 20 04
H900
T20
L400

Height	600		
Type	10	20	30
400		307 212 409	439 302 588
500	227 156 305	384 265 512	549 377 735
600	273 187 366	461 318 614	659 452 882
700	318 218 427	537 371 716	769 528 1.029
800	364 249 488	614 424 818	879 603 1.176
900	409 281 549	691 477 921	988 679 1.323
1000	455 312 610	768 530 1.023	1.098 754 1.470
1100	500 343 671	844 583 1.125	1.208 829 1.617
1200	546 374 732	921 636 1.228	1.318 905 1.764
1400	637 436 854	1.074 742 1.432	1.537 1.056 2.058
1600	728 499 976	1.228 848 1.637	1.757 1.206 2.352
1800	819 561 1.098	1.381 954 1.841	1.977 1.357 2.646
2000	910 623 1.220	1.535 1.060 2.046	2.196 1.508 2.940
2200	1.001 686 1.342	1.689 1.166 2.251	2.416 1.659 3.234
2400	1.092 748 1.464	1.842 1.272 2.455	2.636 1.810 3.528
2600		1.996 1.378 2.660	
2800		2.149 1.484 2.864	
3000		2.303 1.590 3.069	

700		
10	20	30
	350 241 467	496 340 664
261 178 350	438 302 584	620 425 830
312 214 419	525 362 700	743 510 995
364 249 489	612 422 817	867 595 1.161
416 285 559	700 482 934	991 680 1.327
469 321 629	787 542 1.050	1.115 765 1.493
521 356 699	874 603 1.167	1.238 850 1.659
573 392 769	962 663 1.284	1.362 935 1.825
625 428 839	1.049 723 1.400	1.486 1.020 1.991
729 499 979	1.224 844 1.634	1.734 1.190 2.323
833 570 1.118	1.399 964 1.867	1.981 1.359 2.654
937 641 1.258	1.574 1.085 2.101	2.229 1.529 2.986
1.041 712 1.398	1.749 1.206 2.334	2.477 1.699 3.318

900		
10	20	30
	436 299 583	607 415 814
325 222 439	545 374 729	758 519 1.017
391 267 526	654 449 875	909 623 1.220
456 311 614	763 524 1.021	1.061 727 1.424
522 356 702	872 599 1.166	1.213 830 1.627
586 400 789	981 674 1.312	1.365 935 1.831
652 444 877	1.090 749 1.458	1.516 1.038 2.034
717 489 965	1.199 824 1.604	1.667 1.142 2.237
782 533 1.052	1.308 899 1.750	1.820 1.246 2.441
913 622 1.228	1.526 1.048 2.041	2.123 1.454 2.848
1.043 711 1.403	1.744 1.198 2.333	2.426 1.661 3.254
1.173 800 1.579	1.961 1.348 2.624	2.729 1.868 3.661
1.303 889 1.754	2.180 1.497 2.916	3.032 2.076 4.068

HENRAD NV:PL20/0002/E001

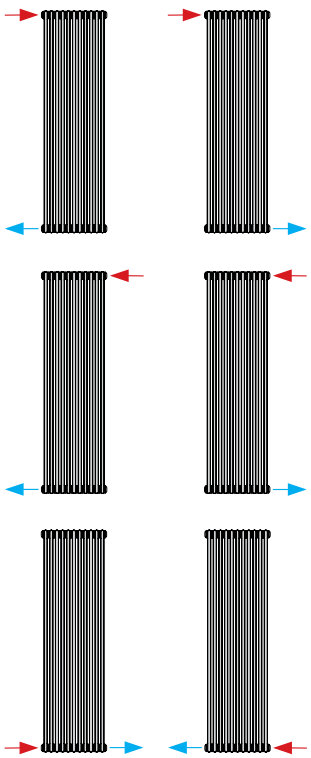
GENERAL INFORMATION

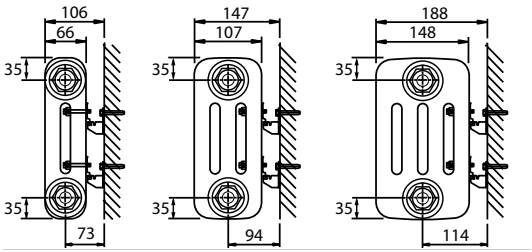
COLUMN

The Column is the retro radiator with contemporary thermal comfort. The beautiful design comes into its own in both classic and modern interiors. The radiator is available in a horizontal and vertical version.

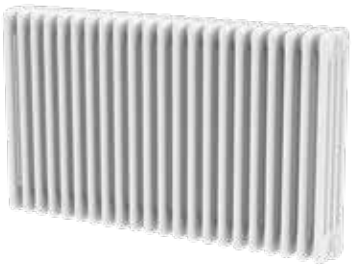
Product:	column radiator with 4 connections
Also supplied:	Brackets with anti-lift, 4 pieces up to length 854 mm and 6 pieces from length 1.038 mm, screws, plugs, air vent, blind plug and installation instructions
Connections:	4 x ½" female side connection.
Packaging:	Every radiator is sturdily wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Number of columns:	2 | 3 | 4
Heights:	300 | 500 | 600 | 750 and 1.800 | 2.000 | 2.500 mm
Lengths:	440 – 1.866 mm and 348 | 440 mm
Depths:	66 | 107 | 148 mm

Height		H 1800	H 2000	H 2500
Columns		2	2	2
Vertical version				
Length				
L 348	W	666	742	939
	W	455	507	643
	W	894	996	1.261
	kg	18,2	20,3	25,2
	l	11,2	11,9	14,7
	n	1,3205	1,3202	1,3194
L 440	W	856	954	1.208
	W	585	652	826
	W	1.149	1.281	1.621
	kg	23,4	26,1	32,4
	l	14,4	15,3	18,9
	n	1,3205	1,3202	1,3194





2021



EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

10 YEAR WARRANTY

On the label: Art. 7006 0300 03 0440

- COLUMN: 7006
- H300
- 3 Columns
- L440

Height		H 300		H 500			H 600			H 750	
Columns		3	4	2	3	4	2	3	4	3	4
Horizontal version											
Length											
L 440	W	225	288		351	464		413	550		677
	W	157	201		244	323		287	382		469
	W	298	381		464	615		547	730		900
	kg	6,3	8,1		9,9	13,5		11,7	16,2		19,8
	l	5,4	7,2		7,2	9,9		9	10,8		13,5
	n	1,2495	1,2517		1,2585	1,2626		1,263	1,2681		1,2762
L 624	W	326	416	373	507	670	440	596	794		978
	W	227	290	260	353	466	306	415	552		677
	W	430	550	494	671	888	582	790	1.054		1.300
	kg	9,1	11,7	10,4	14,3	19,5	11,7	16,9	23,4		28,6
	l	7,8	10,4	7,8	10,4	14,3	9,1	13	15,6		19,5
	n	1,2495	1,2517	1,2553	1,2585	1,2626	1,2611	1,263	1,2681		1,2762
L 854	W	451	576	517	701	928	609	826	1.100	1.010	1.354
	W	315	402	360	488	645	423	574	764	701	938
	W	596	761	684	929	1229	806	1.094	1.460	1.341	1.800
	kg	12,6	16,2	14,4	19,8	27	16,2	23,4	32,4	30,6	39,6
	l	10,8	14,4	10,8	14,4	19,8	12,6	18	21,6	19,8	27
	n	1,2495	1,2517	1,2553	1,2585	1,2626	1,2611	1,263	1,2681	1,2699	1,2762
L 1038	W	551	704	632	857	1.134	744	1.009	1.344	1.235	1.655
	W	385	491	440	597	788	518	702	934	857	1.146
	W	728	931	836	1.135	1.503	986	1.338	1.784	1.639	2.200
	kg	15,4	19,8	17,6	24,2	33	19,8	28,6	39,6	37,4	48,4
	l	13,2	17,6	13,2	17,6	24,2	15,4	22	26,4	24,2	33
	n	1,2495	1,2517	1,2553	1,2585	1,2626	1,2611	1,263	1,2681	1,2699	1,2762
L 1268	W	676	864	775	1052	1391	913	1.238	1.650	1.515	2.031
	W	472	603	540	733	968	635	861	1.146	1.051	1.407
	W	894	1.142	1.026	1.393	1.844	1.210	1.642	2.190	2.012	2.700
	kg	18,9	24,3	21,6	29,7	40,5	24,3	35,1	48,6	45,9	59,4
	l	16,2	21,6	16,2	21,6	29,7	18,9	27	32,4	29,7	40,5
	n	1,2495	1,2517	1,2553	1,2585	1,2626	1,2611	1,263	1,2681	1,2699	1,2762
L 1452	W	776			1.208			1.422		1.740	
	W	542			841			989		1.207	
	W	1.026			1.600			1.885		2.310	
	kg	21,7			34,1			40,3		52,7	
	l	18,6			24,8			31		34,1	
	n	1,2495			1,2585			1,263		1,2699	
L 1866	W	1.002			1.559			1.835		2.245	
	W	699			1.085			1.276		1.558	
	W	1.324			2.064			2.432		2.980	
	kg	28			44			52		68	
	l	24			32			40		44	
	n	1,2495			1,2585			1,263		1,2699	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

GENERAL INFORMATION

10 YEAR WARRANTY

On the label: Art. 7505 1600 01 0538

FLAT TUBE ON TUBE VERTICAL: 7505 — H1600 — L538

VERONA VERTICAL

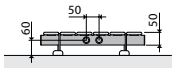
The super slim radiator.

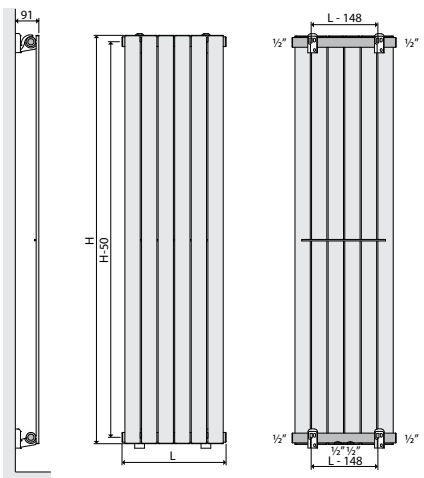
Product:	Verona Vertical, vertical flat tube-on-tube design radiator
Also supplied:	4 white brackets (in chrome for any other radiator colour), anti-lift clip, bracket hiders, screws, plugs, design air vent and blind plug, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	4 bar (tested to 5,2 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	1.600 | 1.800 | 2.000 mm
Number of tubes:	6 | 8 | 10 | 12
Lengths:	408 | 538 | 668 | 798 mm
Tubes:	vertical, 60 x 10 mm flat section
Collector:	horizontal, O-section, diameter 38 mm

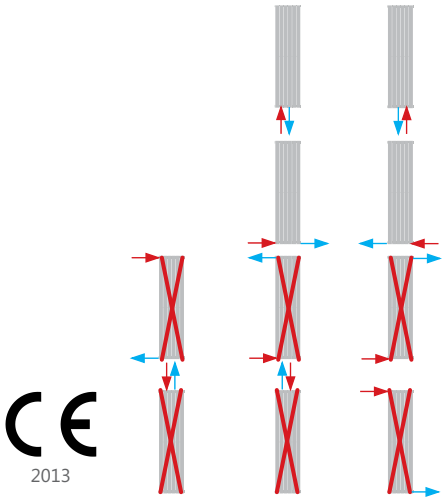
EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Length		408	538	668	798
H1600	W	512	683	853	1.024
	W	350	467	584	701
	W	687	916	1.145	1.374
	kg	15,70	20,80	26,00	31,20
	l	4,70	6,30	7,80	9,40
	m²	1,46	1,94	2,42	2,91
	n	1,32	1,32	1,32	1,32
	Tubes	6	8	10	12
H1800	W	574	765	956	1.148
	W	393	524	655	786
	W	770	1.026	1.283	1.540
	kg	17,50	23,20	29,00	34,80
	l	5,20	6,90	8,60	10,40
	m²	1,63	2,17	2,71	3,25
	n	1,32	1,32	1,32	1,32
	Tubes	6	8	10	12
H2000	W	634	845	1.057	1.269
	W	434	579	724	869
	W	851	1.134	1.418	1.702
	kg	19,30	25,60	32,00	38,40
	l	5,70	7,60	9,50	11,40
	m²	1,79	2,39	2,99	3,58
	n	1,32	1,32	1,32	1,32
	Tubes	6	8	10	12

HENRAD NV-PL20/0002/E001







CE 2013

GENERAL INFORMATION

10 YEAR WARRANTY

On the label: Art. 7004 1771 01 0450
FLAT TUBE ON TUBE HORIZONTAL: 7004
H1771
L450

VENICE

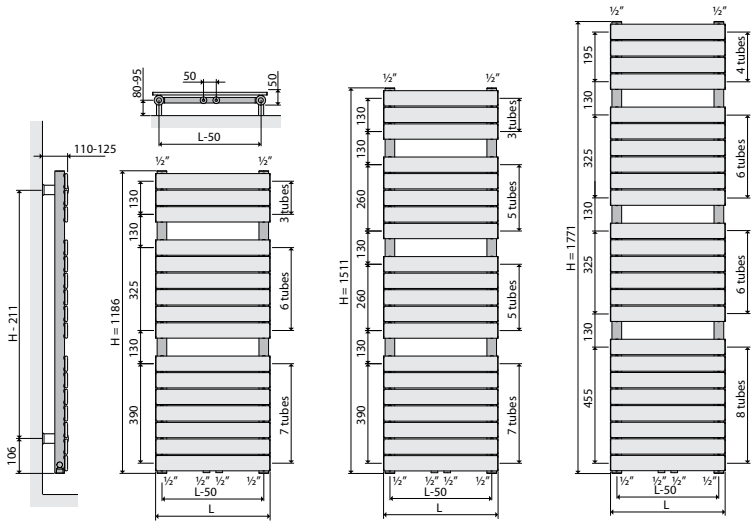
The fashionable solution for your bathroom.

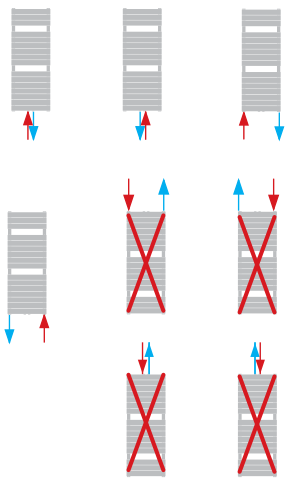
Product:	Venice, vertical flat tube-on-tube design radiator
Also supplied:	4 brackets, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	4 bar (tested to 5,2 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	1.186 | 1.511 | 1.771 mm
Number of tubes:	16 | 20 | 24
Lengths:	450 | 600 mm
Tubes:	horizontal, 60 x 10 mm flat section
Collector:	vertical, O-section, diameter 38 mm

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Length		450	600
H1186	W	401	527
	W	280	370
	W	530	693
	kg	14,10	17,62
	l	5,20	6,15
	m²	1,32	1,65
	n	1,25	1,23
	Tubes	16	16
H1511	W	505	660
	W	354	464
	W	666	869
	kg	17,60	21,94
	l	6,30	7,55
	m²	1,65	2,08
	n	1,24	1,23
	Tubes	20	20
H1771	W	589	767
	W	413	538
	W	777	1.010
	kg	20,98	26,07
	l	7,64	9,15
	m²	1,97	2,48
	n	1,24	1,23
	Tubes	24	24

HENRAD NV-PL20/0002/E001





CE
2013

GENERAL INFORMATION

10 YEAR WARRANTY

On the label: Art. 7001 1791 01 0600
ROUND TUBE ON TUBE 7001
H1791
SINGLE: 01
L600

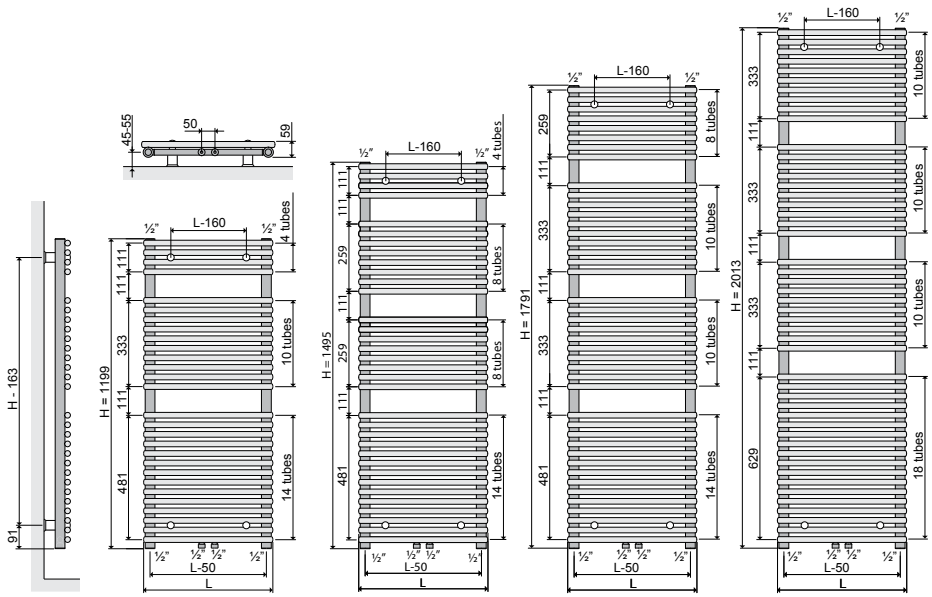
ARNO SINGLE

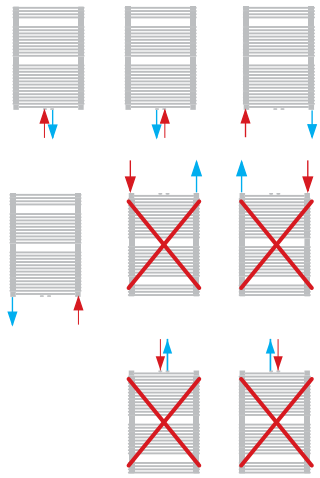
The traditional bathroom radiator reinvented.

Product:	Arno Single, vertical round tube-on-tube design radiator
Also supplied:	4 white brackets (in chrome for any other radiator colour), screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	6 bar (tested to 7,8 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	1.199 | 1.495 | 1.791 | 2.013 mm
Number of tubes:	28 | 34 | 42 | 48
Lengths:	500 | 600 | 750 | 900 mm
Tubes:	horizontal, O-section, diameter 22 mm
Collector:	vertical, O-section, diameter 38 mm

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Length		500	600	750	900
H1199	W	516	609	749	
	W	365	433	536	
	W	675	794	972	
	kg	11,77	13,52	16,14	
	l	6,29	7,07	8,25	
	m²	1,28	1,47	1,76	
	n	1,20	1,19	1,17	
	Tubes	28	28	28	
H1495	W	636	747	915	
	W	450	529	651	
	W	833	976	1.192	
	kg	14,18	16,35	19,59	
	l	7,80	8,80	10,30	
	m²	1,56	1,79	2,15	
	n	1,21	1,20	1,19	
	Tubes	34	34	34	
H1791	W	750	885	1.089	1.297
	W	526	625	777	934
	W	986	1.158	1.415	1.673
	kg	17,83	20,43	24,32	28,21
	l	9,35	10,54	12,33	14,12
	m²	1,91	2,20	2,64	3,07
	n	1,23	1,21	1,17	1,14
	Tubes	42	42	42	42
H2013	W	832	987	1.223	1.463
	W	582	696	874	1.061
	W	1.099	1.294	1.586	1.878
	kg	20,38	23,35	27,79	32,24
	l	10,68	12,05	14,09	16,14
	m²	2,18	2,51	3,01	3,50
	n	1,24	1,21	1,17	1,12
	Tubes	48	48	48	48





CE
2013

HENRAD NV-PL20/0002/E001

GENERAL INFORMATION

10 YEAR WARRANTY

On the label: Art. 7001 1791 02 0600
ROUND TUBE ON TUBE 7001
H1791
DOUBLE: 02
L600

ARNO DOUBLE

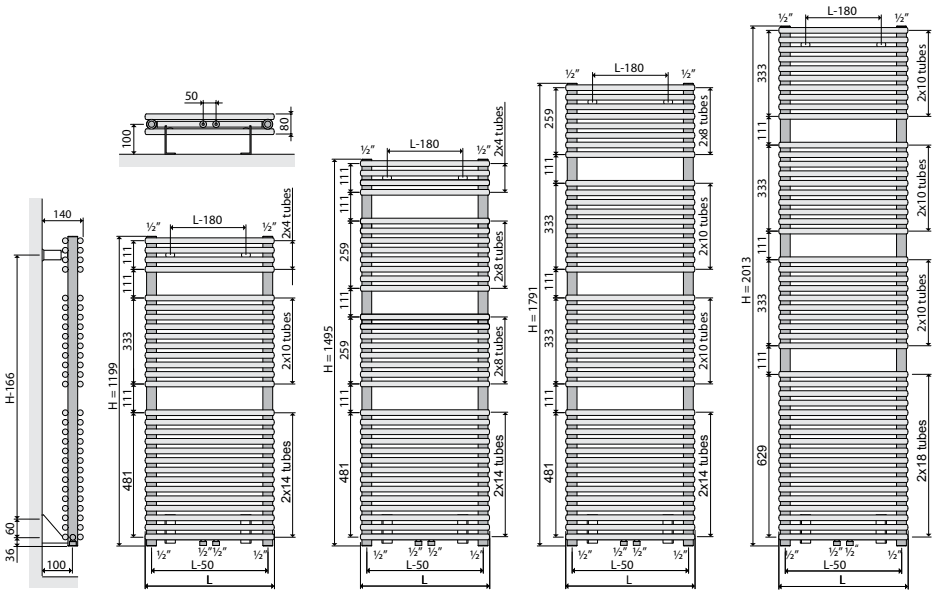
The right radiator to warm up your entire bathroom.

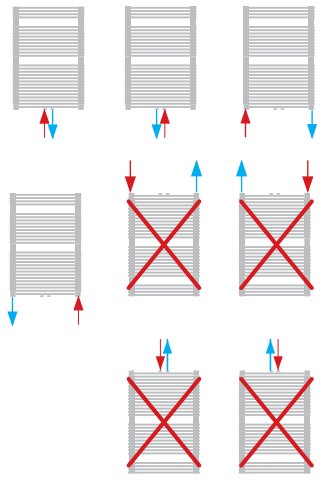
Product:	Arno Double, vertical round tube-on-tube design radiator
Also supplied:	4 white brackets (in chrome for any other radiator colour), screws, plugs, design air vent and design blind plug, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	6 bar (tested to 7,8 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	1.199 | 1.495 | 1.791 | 2.013 mm
Number of tubes:	56 | 68 | 84 | 96
Lengths:	500 | 600 | 750 | 900 mm
Tubes:	horizontal, O-section, diameter of 22 mm
Collector:	vertical, O-section, diameter of 38 mm

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Length		500	600	750	900
H1199	W	732	879	1.101	
	W	514	619	778	
	W	963	1.154	1.441	
	kg	21,14	24,61	29,82	
	l	11,18	12,95	15,59	
	m²	2,26	2,65	3,23	
	n	1,23	1,22	1,21	
	Tubes	56	56	56	
H1495	W	894	1.071	1.338	
	W	625	752	946	
	W	1.179	1.408	1.751	
	kg	25,70	29,90	36,20	
	l	13,45	15,56	18,73	
	m²	2,76	3,23	3,93	
	n	1,24	1,23	1,21	
	Tubes	68	68	68	
H1791	W	1.062	1.269	1.583	1.899
	W	743	891	1.118	1.350
	W	1.402	1.670	2.073	2.475
	kg	31,75	36,94	44,72	52,50
	l	16,62	19,23	23,13	27,04
	m²	3,39	3,97	4,85	5,72
	n	1,24	1,23	1,21	1,19
	Tubes	84	84	84	84
H2013	W	1.194	1.424	1.772	2.123
	W	835	1.000	1.252	1.509
	W	1.576	1.874	2.321	2.768
	kg	36,14	42,01	50,82	59,63
	l	19,11	22,13	26,65	31,18
	m²	3,87	4,53	5,53	6,53
	n	1,24	1,23	1,21	1,19
	Tubes	96	96	96	96

HENRAD NV-PL20/0002/E001





CE 2013

GENERAL INFORMATION

EVEREST SLIM ECO

The age of radiators being hidden came to a definite end with the arrival of the Everest Slim ECO. You'll actually want to highlight this radiator. The bi-colour design with a completely smooth front and recessed black top grille and side panels gives the radiator an unrivalled look. Its high-quality finish offers you an attractive and warm radiator for years on end. Use it in combination with the Alto Slim to create a light and spacious feel throughout your home.

Product:	the decorative horizontal low-temperature valve radiator with serial flow technology, with both a centre and lateral bottom connection and preset valve insert, which can be fitted on the left or right side of the radiator
Finishing:	completely smooth design with a jointless front and recessed black upper grille and side panels
Pre-installed:	preset Heimeier 4368 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The valve insert can also be fitted on the left of the ECO radiator. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	design thermostatic head, valve insert spindle extension, wall brackets, saddle clips, screws, plugs and installation instructions
Connections:	2 x ¾" male Eurocone centre connection and 2 x ½" female lateral bottom connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged with protective foam-filled bags, in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad SN170 black as standard.
Colours front panel:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Colour side panels and upper grille:	SN170 black
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	21 | 22
Heights:	545 | 645 mm
Lengths:	670 | 870 | 1.070 | 1.270 | 1.470 | 1.670 | 1.870 | 2.070 mm
Depths:	96 | 119 mm

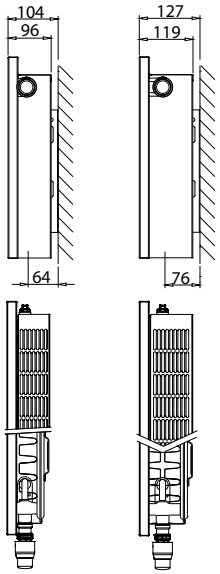
CE
2013

TYPE OVERVIEW

Calculation factor
per nominal meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T21	T22	Nominal Height
545	W	1.024	1.304	**500**
	kg	29,31	32,73	
	l	5,80	5,83	
	m²	4,31	6,33	
	n	1,30	1,29	
645	W	1.184	1.498	**600**
	kg	34,80	38,80	
	l	6,80	6,90	
	m²	5,24	7,74	
	n	1,31	1,30	

(remark: Nominal length = indicated length - 70 mm)
W=heat output per nom. meter / kg=weight per nom. Meter / l=content per nom. meter / m²=surface per nom. meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HEAT OUTPUTS ACCORDING TO EN442

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	545		645		Height
Type	21	22	21	22	Type
670	460 317 614	587 405 782	531 364 710	672 463 899	**670**
870	613 422 819	782 540 1.043	708 486 947	897 617 1.198	**870**
1070	767 528 1.024	978 674 1.304	885 607 1.184	1.121 771 1.498	**1070**
1270	920 634 1.229	1.173 809 1.565	1.062 729 1.421	1.345 926 1.798	**1270**
1470	1.074 739 1.434	1.369 944 1.826	1.239 850 1.658	1.569 1.079 2.097	**1470**
1670	1.226 845 1.638	1.564 1.079 2.086	1.415 972 1.894	1.793 1.234 2.397	**1670**
1870	1.380 950 1.843	1.760 1.214 2.347	1.592 1.093 2.131	2.017 1.388 2.696	**1870**
2070	1.533 1.056 2.048	1.955 1.349 2.608	1.769 1.215 2.368	2.242 1.542 2.996	**2070**

Art. 0440 06 22 12

On the label:
SLIM ECO: 0440 H645 T22 L1270

10 YEAR WARRANTY

HENRAD NV-PL20/0002/E001

GENERAL INFORMATION

EVEREST PLAN ECO

The Everest Plan ECO radiator unites design with our serial flow technology (water flows first through the front panel) and is perfectly suited for heating systems that work with low operating temperatures.
This ECO technology results in high energy efficiency, maximum radiation, faster heating rate and less waste of energy. The combination of this technology with a flat front, a design upper grille and side panels allows you to enjoy our green heat technology in style and luxury.

Product:	the decorative Henrad ECO valve radiator is ideally suited for low-temperature heating systems and is equipped with our serial flow technology, both a centre and lateral bottom connection, a preset valve insert (which can be fitted on the left or right side of the radiator) and with a decorative flat front
Finishing:	decorative flat front, upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The valve insert can also be fitted on the left side of the radiator. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs and installation instructions
Connections:	2 x ¾" male eurocone centre connection and 2 x ½" female lateral bottom connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	In accordance with EN442
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	63 | 79 | 102 | 160 mm

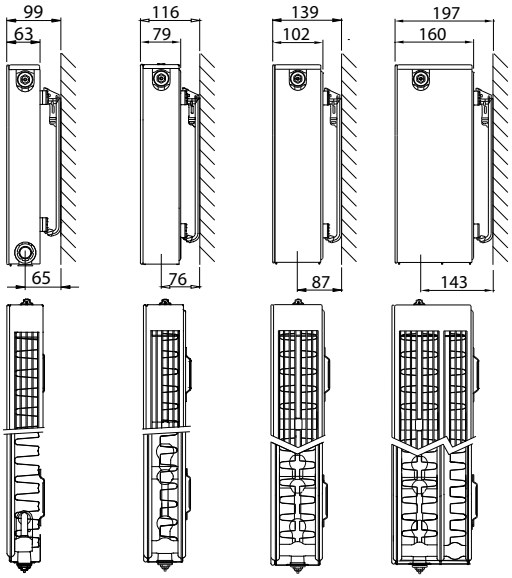
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Height
300	W	469	705	887	1.259	**300**
	kg	11,88	16,63	18,85	26,45	
	l	1,89	3,29	2,90	4,35	
	m²	2,09	2,44	3,51	5,26	
	n	1,30	1,26	1,27	1,31	
400	W	626	886	1.117	1.587	**400**
	kg	16,13	21,95	24,95	35,12	
	l	2,34	4,11	3,88	5,82	
	m²	2,95	3,37	4,92	7,38	
	n	1,29	1,28	1,28	1,32	
500	W	774	1.053	1.333	1.893	**500**
	kg	20,39	27,28	31,05	43,78	
	l	2,80	4,93	4,87	7,28	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,30	1,29	1,35	
600	W	911	1.208	1.537	2.180	**600**
	kg	24,65	32,60	37,15	52,45	
	l	3,25	5,75	5,85	8,75	
	m²	4,66	5,24	7,74	11,61	
	n	1,27	1,30	1,29	1,35	
700	W	1.038	1.353	1.732	2.452	**700**
	kg	28,91	37,85	42,82	61,13	
	l	3,77	6,63	6,73	10,19	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,29	1,30	1,34	
900	W	1.260	1.616	2.096	2.952	**900**
	kg	37,43	48,35	54,15	78,50	
	l	4,80	8,40	8,50	13,06	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,29	1,31	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

EVEREST PLAN ECO

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	141 97 188	213 148 282	267 185 355	376 258 504
500	175 120 235	265 185 353	334 232 444	470 322 630
600	210 145 281	319 222 423	400 278 532	563 386 755
700	245 169 328	373 259 494	467 324 621	657 451 881
800	280 193 375	425 296 564	534 370 710	751 515 1.007
900	316 217 422	478 332 635	601 416 798	845 580 1.133
1000	351 241 469	532 370 705	668 463 887	940 644 1.259
1100	386 265 516	585 407 776	735 509 976	1.034 709 1.385
1200	421 290 563	638 443 846	801 555 1.064	1.128 773 1.511
1400	491 338 657	744 517 987	935 648 1.242	1.316 902 1.763
1600		851 591 1.128	1.068 740 1.419	1.503 1.030 2.014
1800		957 665 1.269	1.202 833 1.597	1.691 1.159 2.266
2000		1.063 739 1.410	1.335 926 1.774	1.879 1.288 2.518
2200		1.170 813 1.551	1.468 1.018 1.951	2.067 1.417 2.770
2400		1.276 887 1.692	1.602 1.111 2.129	2.255 1.546 3.022
2600			1.736 1.203 2.306	
2800			1.870 1.296 2.484	
3000			2.003 1.388 2.661	

	400			
11	21	22	33
187 129 250	266 185 354	336 232 447	473 323 635
235 162 313	333 231 443	419 290 559	591 404 794
282 194 376	400 277 532	504 348 670	709 484 952
328 226 438	466 323 620	588 407 782	827 565 1.111
376 259 501	533 370 709	672 465 894	945 646 1.270
422 291 563	600 415 797	755 523 1.005	1.063 726 1.428
469 324 626	667 462 886	839 581 1.117	1.181 807 1.587
516 356 689	733 508 975	924 639 1.229	1.300 888 1.746
563 388 751	800 554 1.063	1.007 697 1.340	1.417 969 1.904
657 453 876	933 646 1.240	1.175 813 1.564	1.654 1.130 2.222
751 518 1.002	1.067 739 1.418	1.343 929 1.787	1.890 1.292 2.539
845 583 1.127	1.200 831 1.595	1.511 1.046 2.011	2.127 1.453 2.857
939 647 1.252	1.333 924 1.772	1.679 1.162 2.234	2.363 1.615 3.174
	1.466 1.016 1.949	1.846 1.278 2.457	2.599 1.776 3.491
	1.599 1.108 2.126	2.015 1.394 2.681	2.835 1.938 3.809
		2.182 1.510 2.904	
		2.351 1.627 3.128	
		2.518 1.742 3.351	

	500		
11	21	22	33
233 161 310	315 217 421	400 276 533	560 380 757
291 201 387	393 271 527	500 345 667	700 475 947
349 241 464	473 325 632	600 414 800	841 571 1.136
407 282 542	551 379 737	700 483 933	981 666 1.325
465 322 619	630 433 842	800 552 1.066	1.121 761 1.514
524 362 697	709 488 948	900 622 1.200	1.261 856 1.704
582 402 774	788 542 1.053	1.000 691 1.333	1.401 951 1.893
639 442 851	866 596 1.158	1.100 759 1.466	1.541 1.046 2.082
698 483 929	946 650 1.264	1.200 829 1.600	1.682 1.141 2.272
814 563 1.084	1.103 758 1.474	1.400 967 1.866	1.962 1.331 2.650
930 643 1.238	1.260 867 1.685	1.600 1.105 2.133	2.242 1.522 3.029
1.047 724 1.393	1.418 975 1.895	1.800 1.243 2.399	2.522 1.711 3.407
1.163 804 1.548	1.575 1.084 2.106	2.000 1.381 2.666	2.803 1.902 3.786
1.279 885 1.703	1.733 1.192 2.317	2.201 1.520 2.933	3.083 2.092 4.165
1.396 965 1.858	1.890 1.300 2.527	2.400 1.657 3.199	3.363 2.282 4.543
		2.601 1.796 3.466	
		2.800 1.933 3.732	
		3.000 2.072 3.999	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL19/0026/E025

EVEREST PLAN ECO

On the label:
PLAN ECO T11-33: 0541
PLAN ECO L (Left) T11-33: 0442

Art. 0541 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	274 190 364	362 249 483	461 318 615	646 439 872
500	343 238 456	452 311 604	575 397 769	807 548 1.090
600	412 286 547	543 374 725	691 476 922	969 658 1.308
700	480 333 638	633 436 846	806 556 1.076	1.130 767 1.526
800	549 381 729	723 498 966	922 635 1.230	1.292 877 1.744
900	617 428 820	814 560 1.087	1.036 714 1.383	1.453 987 1.962
1000	686 476 911	904 623 1.208	1.152 794 1.537	1.615 1.096 2.180
1100	754 523 1.002	995 685 1.329	1.267 873 1.691	1.776 1.206 2.398
1200	823 571 1.093	1.085 747 1.450	1.382 952 1.844	1.937 1.316 2.616
1400	960 666 1.275	1.266 871 1.691	1.612 1.111 2.152	2.260 1.535 3.052
1600	1.098 761 1.458	1.447 996 1.933	1.842 1.270 2.459	2.583 1.754 3.488
1800	1.235 857 1.640	1.627 1.120 2.174	2.073 1.429 2.767	2.906 1.973 3.924
2000	1.372 952 1.822	1.809 1.245 2.416	2.303 1.588 3.074	3.229 2.193 4.360
2200	1.509 1.047 2.004	1.990 1.370 2.658	2.533 1.746 3.381	3.552 2.412 4.796
2400	1.646 1.142 2.186	2.170 1.494 2.899	2.764 1.905 3.689	3.875 2.631 5.232
2600			2.994 2.064 3.996	
2800			3.225 2.223 4.304	
3000			3.455 2.381 4.611	

700			
11	21	22	33
312 216 415	405 279 541	519 357 693	727 494 981
390 270 519	506 349 677	648 446 866	908 617 1.226
468 324 623	608 419 812	777 535 1.039	1.090 741 1.471
547 378 727	709 489 947	907 624 1.212	1.272 864 1.716
624 432 830	811 559 1.082	1.037 714 1.386	1.454 988 1.962
702 486 934	912 629 1.218	1.167 803 1.559	1.635 1.111 2.207
780 540 1.038	1.014 698 1.353	1.296 892 1.732	1.817 1.234 2.452
859 594 1.142	1.115 768 1.488	1.425 981 1.905	1.998 1.358 2.697
937 649 1.246	1.217 838 1.624	1.555 1.070 2.078	2.180 1.481 2.942
1.092 756 1.453	1.419 978 1.894	1.815 1.249 2.425	2.544 1.728 3.433
1.249 865 1.661	1.622 1.118 2.165	2.073 1.427 2.771	2.907 1.975 3.923
1.404 972 1.868	1.824 1.257 2.435	2.333 1.605 3.118	3.271 2.222 4.414
1.561 1.081 2.076	2.027 1.397 2.706	2.592 1.783 3.464	3.634 2.469 4.904

900			
11	21	22	33
378 261 504	485 335 646	625 429 838	876 596 1.181
472 326 630	606 418 808	782 536 1.048	1.095 745 1.476
567 391 756	728 502 970	939 644 1.258	1.314 894 1.771
661 456 882	849 586 1.131	1.095 751 1.467	1.532 1.042 2.066
756 521 1.008	970 670 1.293	1.251 858 1.677	1.752 1.192 2.362
850 586 1.134	1.091 753 1.454	1.407 965 1.886	1.971 1.341 2.657
945 651 1.260	1.212 837 1.616	1.564 1.072 2.096	2.189 1.489 2.952
1.039 717 1.386	1.334 921 1.778	1.721 1.180 2.306	2.408 1.638 3.247
1.133 782 1.512	1.455 1.004 1.939	1.877 1.287 2.515	2.627 1.787 3.542
1.322 912 1.764	1.697 1.172 2.262	2.189 1.501 2.934	3.065 2.085 4.133
1.511 1.042 2.016	1.940 1.339 2.586	2.503 1.716 3.354	3.503 2.383 4.723
1.700 1.173 2.268	2.182 1.507 2.909	2.816 1.930 3.773	3.941 2.681 5.314
1.889 1.303 2.520	2.425 1.674 3.232	3.128 2.145 4.192	4.379 2.979 5.904

HENRAD NV:PL19/0026/E025

GENERAL INFORMATION

EVEREST LINE ECO

The Everest Line ECO radiator unites design with our serial flow technology (water flows first through the front panel) and is perfectly suited for heating systems that work with low operating temperatures.
This ECO technology results in high energy efficiency, maximum radiation, faster heating rate and less waste of energy. Together with the symmetry of the horizontal lines of the stylish front panel the Everest Line ECO creates a pleasantly warm environment with the feeling of style and space.

Product:	the decorative Henrad ECO valve radiator is ideally suited for low-temperature heating systems and is equipped with the serial flow technology, both a centre and lateral bottom connection, a preset valve insert (which can be fitted on the left or right side of the radiator) and with a decorative stylish front
Finishing:	decorative stylish front, upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The valve insert can also be fitted on the left side of the radiator. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs and installation instructions
Connections:	2 x ¾" male eurocone centre connection and 2 x ½" female lateral bottom connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 2.000 mm
Depths:	63 | 79 | 102 | 160 mm

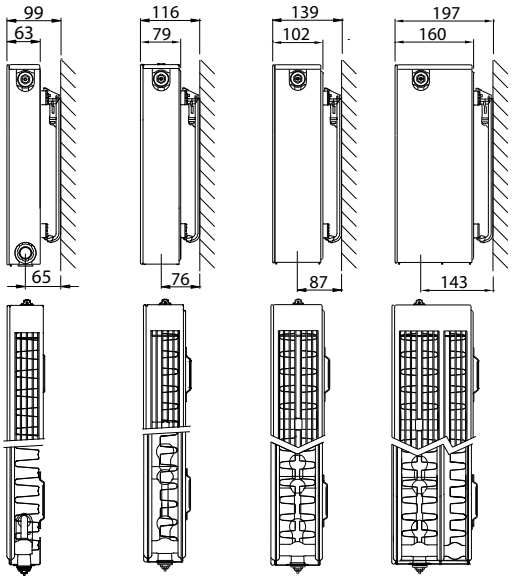
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Height
300	W			887	1.259	**300**
	kg			18,85	26,45	
	l			2,90	4,35	
	m²			3,51	5,26	
	n			1,27	1,31	
400	W	626	886	1.117	1.587	**400**
	kg	16,13	21,95	24,95	35,12	
	l	2,34	4,11	3,88	5,82	
	m²	2,95	3,37	4,92	7,38	
	n	1,29	1,28	1,28	1,32	
500	W	774	1.053	1.333	1.893	**500**
	kg	20,39	27,28	31,05	43,78	
	l	2,80	4,93	4,87	7,28	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,30	1,29	1,35	
600	W	911	1.208	1.537	2.180	**600**
	kg	24,65	32,60	37,15	52,45	
	l	3,25	5,75	5,85	8,75	
	m²	4,66	5,24	7,74	11,61	
	n	1,27	1,30	1,29	1,35	
700	W	1.038	1.353	1.732	2.452	**700**
	kg	28,91	37,85	42,82	61,13	
	l	3,77	6,63	6,73	10,19	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,29	1,30	1,34	
900	W	1.260	1.616	2.096	2.952	**900**
	kg	37,43	48,35	54,15	78,50	
	l	4,80	8,40	8,50	13,06	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,29	1,31	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

EVEREST LINE ECO

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300		400				500			
Type	22	33	11	21	22	33	11	21	22	33
400							233 161 310	315 217 421	400 276 533	560 380 757
500	334 232 444	470 322 630	235 162 313	333 231 443	419 290 559	591 404 794	291 201 387	393 271 527	500 345 667	700 475 947
600			282 194 376	400 277 532	504 348 670	709 484 952	349 241 464	473 325 632	600 414 800	841 571 1.136
700			328 226 438	466 323 620	588 407 782	827 565 1.111	407 282 542	551 379 737	700 483 933	981 666 1.325
800	534 370 710	751 515 1.007	376 259 501	533 370 709	672 465 894	945 646 1.270	465 322 619	630 433 842	800 552 1.066	1.121 761 1.514
900	601 416 798	845 580 1.133	422 291 563	600 415 797	755 523 1.005	1.063 726 1.428	524 362 697	709 488 948	900 622 1.200	1.261 856 1.704
1000	668 463 887	940 644 1.259	469 324 626	667 462 886	839 581 1.117	1.181 807 1.587	582 402 774	788 542 1.053	1.000 691 1.333	1.401 951 1.893
1200	801 555 1.064	1.128 773 1.511	563 388 751	800 554 1.063	1.007 697 1.340	1.417 969 1.904	698 483 929	946 650 1.264	1.200 829 1.600	1.682 1.141 2.272
1400	935 648 1.242	1.316 902 1.763	657 453 876	933 646 1.240	1.175 813 1.564	1.654 1.130 2.222	814 563 1.084	1.103 758 1.474	1.400 967 1.866	1.962 1.331 2.650
1600	1.068 740 1.419	1.503 1.030 2.014	751 518 1.002	1.067 739 1.418	1.343 929 1.787	1.890 1.292 2.539	930 643 1.238	1.260 867 1.685	1.600 1.105 2.133	2.242 1.522 3.029
1800	1.202 833 1.597	1.691 1.159 2.266	845 583 1.127	1.200 831 1.595	1.511 1.046 2.011	2.127 1.453 2.857	1.047 724 1.393	1.418 975 1.895	1.800 1.243 2.399	2.522 1.711 3.407
2000	1.335 926 1.774	1.879 1.288 2.518	939 647 1.252	1.333 924 1.772	1.679 1.162 2.234	2.363 1.615 3.174	1.163 804 1.548	1.575 1.084 2.106	2.000 1.381 2.666	2.803 1.902 3.786

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL19/0026/E025

EVEREST LINE ECO

On the label:
ECO DECO T11-33: 0451
ECO DECO L (Left) T11-33: 0452

Art. 0451 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	274 190 364	362 249 483	461 318 615	646 439 872
500	343 238 456	452 311 604	575 397 769	807 548 1.090
600	412 286 547	543 374 725	691 476 922	969 658 1.308
700	480 333 638	633 436 846	806 556 1.076	1.130 767 1.526
800	549 381 729	723 498 966	922 635 1.230	1.292 877 1.744
900	617 428 820	814 560 1.087	1.036 714 1.383	1.453 987 1.962
1000	686 476 911	904 623 1.208	1.152 794 1.537	1.615 1.096 2.180
1200	823 571 1.093	1.085 747 1.450	1.382 952 1.844	1.937 1.316 2.616
1400	960 666 1.275	1.266 871 1.691	1.612 1.111 2.152	2.260 1.535 3.052
1600	1.098 761 1.458	1.447 996 1.933	1.842 1.270 2.459	2.583 1.754 3.488
1800	1.235 857 1.640	1.627 1.120 2.174	2.073 1.429 2.767	2.906 1.973 3.924
2000	1.372 952 1.822	1.809 1.245 2.416	2.303 1.588 3.074	3.229 2.193 4.360

700			
11	21	22	33
312 216 415	405 279 541	519 357 693	727 494 981
390 270 519	506 349 677	648 446 866	908 617 1.226
468 324 623	608 419 812	777 535 1.039	1.090 741 1.471
547 378 727	709 489 947	907 624 1.212	1.272 864 1.716
624 432 830	811 559 1.082	1.037 714 1.386	1.454 988 1.962
702 486 934	912 629 1.218	1.167 803 1.559	1.635 1.111 2.207
780 540 1.038	1.014 698 1.353	1.296 892 1.732	1.817 1.234 2.452
937 649 1.246	1.217 838 1.624	1.555 1.070 2.078	2.180 1.481 2.942
1.092 756 1.453	1.419 978 1.894	1.815 1.249 2.425	2.544 1.728 3.433
1.249 865 1.661	1.622 1.118 2.165	2.073 1.427 2.771	2.907 1.975 3.923
1.404 972 1.868	1.824 1.257 2.435	2.333 1.605 3.118	3.271 2.222 4.414
1.561 1.081 2.076	2.027 1.397 2.706	2.592 1.783 3.464	3.634 2.469 4.904

900			
11	21	22	33
378 261 504	485 335 646	625 429 838	876 596 1.181
472 326 630	606 418 808	782 536 1.048	1.095 745 1.476
567 391 756	728 502 970	939 644 1.258	1.314 894 1.771
661 456 882	849 586 1.131	1.095 751 1.467	1.532 1.042 2.066
756 521 1.008	970 670 1.293	1.251 858 1.677	1.752 1.192 2.362
850 586 1.134	1.091 753 1.454	1.407 965 1.886	1.971 1.341 2.657
945 651 1.260	1.212 837 1.616	1.564 1.072 2.096	2.189 1.489 2.952
1.133 782 1.512	1.455 1.004 1.939	1.877 1.287 2.515	2.627 1.787 3.542
1.322 912 1.764	1.697 1.172 2.262	2.189 1.501 2.934	3.065 2.085 4.133
1.511 1.042 2.016	1.940 1.339 2.586	2.503 1.716 3.354	3.503 2.383 4.723
1.700 1.173 2.268	2.182 1.507 2.909	2.816 1.930 3.773	3.941 2.681 5.314
1.889 1.303 2.520	2.425 1.674 3.232	3.128 2.145 4.192	4.379 2.979 5.904

HENRAD NV:PL19/0026/E025

GENERAL INFORMATION

EVEREST PLAN 8

The Everest Plan 8 is with a flat front, perfectly fitting side panels and upper grille a decorative radiator with a timeless design. Furthermore you have, thanks to the 4 side- and 4 bottom connections, a variety of connection possibilities. This makes the Everest Plan 8 easy to install and applicable in about every situation. In addition, it offers a uniform wall distance of 65 mm for all types at the centre connection.

Product:	decorative valve radiator with a flat front and 8 connections
Finishing:	decorative flat front, upper grille and side panels
Pre-installed:	preset valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets with anti-lift (VDI compliant when used in combination with included anti-slide clips), screws, plugs and installation instructions
Connections:	4 x ¾" male Eurocone bottom connection (2 x centre and 2 x lateral) and 4 x ½" female side connection. Uniform wall distance of 65 mm for all types at the centre connection. Left-hand version of types 21-33 available on request. This changes the distance of 65 mm between the centre connection and the wall for types 22 and 33.
Lugs:	Type 11 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	63 | 79 | 102 | 160 mm

2018

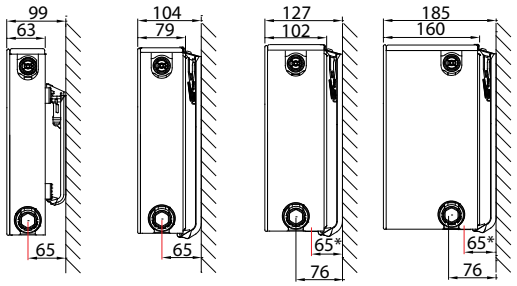
TYPE OVERVIEW

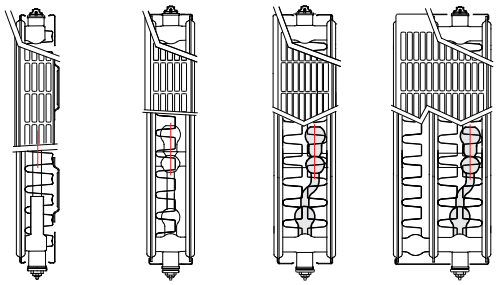
Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$

* centre connection only





Height		T11	T21	T22	T33	Centre distance
300	W	469	706	929	1.346	**250**
	kg	11,88	16,86	19,60	28,00	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,30	1,32	1,30	1,31	
400	W	626	889	1.177	1.690	**350**
	kg	16,13	22,87	26,40	38,13	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,29	1,32	1,30	1,32	
500	W	774	1.062	1.411	2.017	**450**
	kg	20,39	28,89	33,20	48,27	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,32	1,31	1,33	
600	W	911	1.227	1.634	2.332	**550**
	kg	24,65	34,90	40,00	58,40	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,27	1,32	1,32	1,34	
700	W	1.038	1.387	1.848	2.637	**650**
	kg	28,91	40,91	46,80	68,53	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,32	1,33	1,34	
900	W	1.260	1.690	2.251	3.225	**850**
	kg	37,43	52,94	60,40	88,80	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,31	1,35	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

EVEREST PLAN 8

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	141 97 188	210 144 282	279 192 372	401 275 538
500	175 120 235	263 180 353	347 239 465	502 344 673
600	210 145 281	316 216 424	417 287 557	603 413 808
700	245 169 328	368 252 494	487 335 650	703 482 942
800	280 193 375	421 288 565	556 383 743	804 551 1.077
900	316 217 422	473 324 635	626 431 836	904 619 1.211
1000	351 241 469	526 360 706	696 479 929	1.004 689 1.346
1100	386 265 516	579 397 777	765 527 1.022	1.105 758 1.481
1200	421 290 563	631 432 847	835 575 1.115	1.205 826 1.615
1400	491 338 657	737 504 988	974 671 1.301	1.406 964 1.884
1600		842 577 1.130	1.113 767 1.486	1.607 1.102 2.154
1800		948 649 1.271	1.252 863 1.672	1.808 1.239 2.423
2000		1.053 721 1.412	1.391 958 1.858	2.009 1.377 2.692
2200		1.158 793 1.553	1.531 1.054 2.044	2.209 1.515 2.961
2400		1.263 865 1.694	1.670 1.150 2.230	2.410 1.652 3.230
2600			1.809 1.246 2.415	
2800			1.948 1.342 2.601	
3000			2.087 1.438 2.787	

400			
11	21	22	33
187 129 250	265 182 356	352 242 471	503 344 676
235 162 313	331 226 445	440 302 589	629 430 845
282 194 376	397 272 533	528 363 706	755 516 1.014
328 226 438	463 317 622	616 423 824	881 602 1.183
376 259 501	530 363 711	704 484 942	1.007 688 1.352
422 291 563	596 408 800	792 544 1.059	1.132 774 1.521
469 324 626	662 453 889	880 605 1.177	1.258 860 1.690
516 356 689	729 499 978	968 665 1.295	1.384 946 1.859
563 388 751	795 544 1.067	1.055 725 1.412	1.510 1.032 2.028
657 453 876	928 635 1.245	1.232 847 1.648	1.761 1.204 2.366
751 518 1.002	1.060 725 1.422	1.408 967 1.883	2.013 1.376 2.704
845 583 1.127	1.192 816 1.600	1.584 1.088 2.119	2.265 1.548 3.042
939 647 1.252	1.325 907 1.778	1.760 1.209 2.354	2.516 1.720 3.380
	1.457 997 1.956	1.935 1.330 2.589	2.768 1.892 3.718
	1.590 1.088 2.134	2.112 1.451 2.825	3.020 2.064 4.056
		2.287 1.572 3.060	
		2.464 1.693 3.296	
		2.639 1.814 3.531	

500			
11	21	22	33
233 161 310	317 216 425	421 289 564	599 409 807
291 201 387	395 270 531	527 361 706	749 510 1.009
349 241 464	474 324 637	632 433 847	899 613 1.210
407 282 542	553 378 743	737 505 988	1.049 715 1.412
465 322 619	633 433 850	842 578 1.129	1.199 817 1.614
524 362 697	712 487 956	948 650 1.270	1.348 919 1.815
582 402 774	791 541 1.062	1.053 722 1.411	1.498 1.021 2.017
639 442 851	870 595 1.168	1.158 794 1.552	1.648 1.123 2.219
698 483 929	949 649 1.274	1.263 866 1.693	1.798 1.225 2.420
814 563 1.084	1.107 757 1.487	1.474 1.010 1.975	2.098 1.430 2.824
930 643 1.238	1.265 865 1.699	1.685 1.155 2.258	2.397 1.634 3.227
1.047 724 1.393	1.424 974 1.912	1.895 1.299 2.540	2.697 1.838 3.631
1.163 804 1.548	1.582 1.082 2.124	2.106 1.444 2.822	2.996 2.042 4.034
1.279 885 1.703	1.740 1.190 2.336	2.316 1.588 3.104	3.296 2.246 4.437
1.396 965 1.858	1.898 1.298 2.549	2.526 1.732 3.386	3.596 2.451 4.841
		2.738 1.877 3.669	
		2.948 2.021 3.951	
		3.158 2.165 4.233	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

EVEREST PLAN 8

On the label:
8-CONNECTIONS PLAN T21-33: 0652
T11: 0651
8-CONNECTIONS PLAN L (Left) T21-33: 0650

Art. 0652 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	274 190 364	365 250 491	487 333 654	691 470 933
500	343 238 456	457 312 614	608 416 817	864 587 1.166
600	412 286 547	548 374 736	730 499 980	1.037 705 1.399
700	480 333 638	639 437 859	852 583 1.144	1.209 822 1.632
800	549 381 729	731 500 982	973 666 1.307	1.383 940 1.866
900	617 428 820	822 562 1.104	1.096 749 1.471	1.556 1.057 2.099
1000	686 476 911	913 624 1.227	1.217 832 1.634	1.728 1.174 2.332
1100	754 523 1.002	1.005 687 1.350	1.338 915 1.797	1.901 1.292 2.565
1200	823 571 1.093	1.096 749 1.472	1.460 999 1.961	2.074 1.409 2.798
1400	960 666 1.275	1.279 874 1.718	1.704 1.165 2.288	2.420 1.644 3.265
1600	1.098 761 1.458	1.461 999 1.963	1.947 1.331 2.614	2.765 1.879 3.731
1800	1.235 857 1.640	1.644 1.124 2.209	2.190 1.498 2.941	3.111 2.114 4.198
2000	1.372 952 1.822	1.827 1.249 2.454	2.434 1.665 3.268	3.457 2.349 4.664
2200	1.509 1.047 2.004	2.009 1.373 2.699	2.677 1.831 3.595	3.802 2.584 5.130
2400	1.646 1.142 2.186	2.192 1.498 2.945	2.921 1.998 3.922	4.148 2.819 5.597
2600			3.164 2.164 4.248	
2800			3.407 2.330 4.575	
3000			3.651 2.497 4.902	

700			
11	21	22	33
312 216 415	413 283 555	549 374 739	782 531 1.055
390 270 519	517 354 694	686 468 924	977 664 1.319
468 324 623	620 424 832	824 562 1.109	1.172 796 1.582
547 378 727	723 495 971	961 655 1.294	1.368 929 1.846
624 432 830	827 566 1.110	1.098 749 1.478	1.563 1.062 2.110
702 486 934	930 636 1.248	1.235 842 1.663	1.758 1.195 2.373
780 540 1.038	1.033 707 1.387	1.373 936 1.848	1.954 1.328 2.637
859 594 1.142	1.137 778 1.526	1.510 1.030 2.033	2.150 1.461 2.901
937 649 1.246	1.239 848 1.664	1.648 1.123 2.218	2.344 1.593 3.164
1.092 756 1.453	1.447 989 1.942	1.922 1.310 2.587	2.736 1.859 3.692
1.249 865 1.661	1.653 1.131 2.219	2.197 1.498 2.957	3.126 2.124 4.219
1.404 972 1.868	1.860 1.272 2.497	2.471 1.684 3.326	3.517 2.390 4.747
1.561 1.081 2.076	2.066 1.413 2.774	2.746 1.872 3.696	3.908 2.655 5.274

900			
11	21	22	33
378 261 504	504 345 676	665 451 900	956 649 1.290
472 326 630	630 432 845	832 564 1.126	1.194 811 1.613
567 391 756	756 518 1.014	999 676 1.351	1.433 973 1.935
661 456 882	882 605 1.183	1.165 789 1.576	1.673 1.136 2.258
756 521 1.008	1.008 691 1.352	1.331 902 1.801	1.911 1.298 2.580
850 586 1.134	1.134 777 1.521	1.498 1.014 2.026	2.150 1.460 2.903
945 651 1.260	1.260 864 1.690	1.664 1.127 2.251	2.389 1.622 3.225
1.039 717 1.386	1.386 950 1.859	1.830 1.240 2.476	2.628 1.785 3.548
1.133 782 1.512	1.513 1.036 2.028	1.997 1.352 2.701	2.867 1.947 3.870
1.322 912 1.764	1.765 1.209 2.366	2.329 1.578 3.151	3.344 2.271 4.515
1.511 1.042 2.016	2.017 1.382 2.704	2.662 1.803 3.602	3.822 2.596 5.160
1.700 1.173 2.268	2.269 1.554 3.042	2.995 2.029 4.052	4.300 2.920 5.805
1.889 1.303 2.520	2.521 1.727 3.380	3.328 2.254 4.502	4.778 3.245 6.450

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

EVEREST LINE 8

The Everest Line 8 is with a stylish front, perfectly fitting side panels and upper grille a decorative radiator that creates an atmosphere of light and space. Furthermore you have, thanks to the 4 side- and 4 bottom connections, a variety of connection possibilities. This makes the Everest Line 8 easy to install and applicable in about every situation. In addition, it offers a uniform wall distance of 65 mm for all types at the centre connection.

Product:	decorative valve radiator with a stylish front and 8 connections
Finishing:	decorative stylish front, upper grille and side panels
Pre-installed:	preset valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets with anti-lift (VDI compliant when used in combination with included anti-slide clips), screws, plugs and installation instructions
Connections:	4 x ¾" male Eurocone bottom connection (2 x centre and 2 x lateral) and 4 x ½" female side connection. Uniform wall distance of 65 mm for all types at the centre connection.
Lugs:	Type 11 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 2.000 mm
Depths:	63 | 79 | 102 | 160 mm

2018

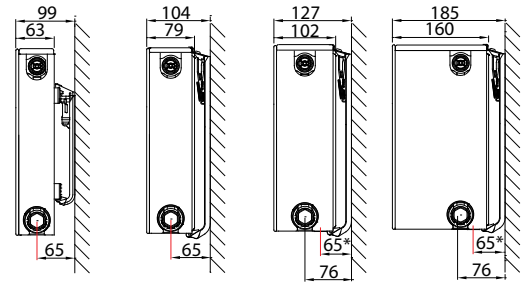
TYPE OVERVIEW

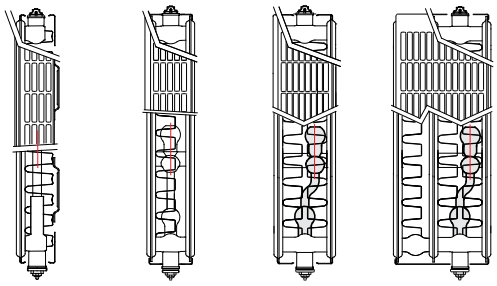
Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$

* centre connection only





Height		T11	T21	T22	T33	Centre distance
300	W			898	1.287	**250**
	kg			19,30	27,60	
	l			3,10	5,40	
	m²			3,51	5,26	
	n			1,30	1,30	
400	W	614	870	1.153	1.649	**350**
	kg	16,20	22,60	25,67	36,63	
	l	2,30	4,15	4,13	6,63	
	m²	2,95	3,37	4,92	7,38	
	n	1,27	1,30	1,30	1,31	
500	W	746	1.038	1.388	1.979	**450**
	kg	20,23	28,00	32,03	45,67	
	l	2,77	5,20	5,17	7,87	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,30	1,31	1,32	
600	W	870	1.196	1.601	2.280	**550**
	kg	24,27	33,60	38,40	54,70	
	l	3,23	6,25	6,20	9,10	
	m²	4,66	5,24	7,74	11,61	
	n	1,28	1,31	1,31	1,32	
700	W	987	1.350	1.796	2.553	**650**
	kg	28,30	39,20	44,70	63,60	
	l	3,70	7,30	7,03	10,63	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,31	1,32	1,33	
900	W	1.200	1.649	2.132	3.022	**850**
	kg	35,90	50,60	57,30	81,40	
	l	4,50	9,00	8,70	13,70	
	m²	7,22	8,05	11,97	17,96	
	n	1,28	1,32	1,32	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

EVEREST LINE 8

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300		400				500			
Type	22	33	11	21	22	33	11	21	22	33
400							224 155 298	310 213 415	414 284 555	591 405 792
500	336 231 449	482 331 644	231 160 307	326 224 435	431 296 577	615 422 825	281 194 373	388 267 519	518 356 694	738 506 990
600			277 192 368	391 269 522	517 356 692	739 507 989	337 234 448	466 320 623	622 427 833	885 606 1.187
700			324 224 430	456 314 609	603 415 807	862 592 1.154	393 272 522	544 374 727	726 498 972	1.033 707 1.385
800	537 370 718	770 530 1.030	370 256 491	521 359 696	689 474 922	985 676 1.319	449 311 597	621 427 830	829 569 1.110	1.180 809 1.583
900	605 416 808	866 596 1.158	416 289 553	586 404 783	776 533 1.038	1.108 761 1.484	505 350 671	698 480 934	933 640 1.249	1.328 910 1.781
1000	672 463 898	963 662 1.287	462 320 614	652 449 870	862 593 1.153	1.231 845 1.649	561 389 746	776 534 1.038	1.036 711 1.388	1.476 1.011 1.979
1200	807 555 1.078	1.155 794 1.544	555 385 737	782 539 1.044	1.035 711 1.384	1.478 1.014 1.979	673 467 895	932 641 1.246	1.244 854 1.666	1.771 1.213 2.375
1400	941 648 1.257	1.348 927 1.802	647 449 860	912 628 1.218	1.207 829 1.614	1.724 1.184 2.309	785 544 1.044	1.087 747 1.453	1.451 996 1.943	2.066 1.415 2.771
1600	1.076 740 1.437	1.540 1.059 2.059	739 512 982	1.043 718 1.392	1.379 948 1.845	1.970 1.352 2.638	898 622 1.194	1.242 854 1.661	1.658 1.138 2.221	2.361 1.617 3.166
1800	1.210 833 1.616	1.733 1.192 2.317	832 577 1.105	1.173 808 1.566	1.551 1.066 2.075	2.217 1.521 2.968	1.010 700 1.343	1.397 960 1.868	1.865 1.280 2.498	2.656 1.819 3.562
2000	1.344 925 1.796	1.925 1.324 2.574	924 641 1.228	1.303 898 1.740	1.724 1.185 2.306	2.463 1.690 3.298	1.123 778 1.492	1.552 1.067 2.076	2.073 1.423 2.776	2.951 2.022 3.958

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

EVEREST LINE 8

On the label:
8-CONNECTIONS DECO T21-33: 0654 H900 T22 L400
T11: 0653

Art. 0654 09 22 04

Height	600			
Type	11	21	22	33
400	262 181 348	357 245 478	477 327 640	679 464 912
500	327 227 435	447 307 598	597 409 801	849 580 1.140
600	393 272 522	536 368 718	717 491 961	1.018 696 1.368
700	458 317 609	625 430 837	836 573 1.121	1.188 812 1.596
800	523 363 696	715 491 957	955 655 1.281	1.358 928 1.824
900	589 408 783	804 552 1.076	1.075 736 1.441	1.528 1.044 2.052
1000	654 453 870	894 614 1.196	1.194 818 1.601	1.697 1.160 2.280
1200	785 544 1.044	1.072 736 1.435	1.433 982 1.921	2.037 1.392 2.736
1400	916 634 1.218	1.251 859 1.674	1.671 1.145 2.241	2.376 1.625 3.192
1600	1.047 725 1.392	1.430 982 1.914	1.911 1.309 2.562	2.716 1.857 3.648
1800	1.178 816 1.566	1.609 1.105 2.153	2.149 1.473 2.882	3.055 2.089 4.104
2000	1.309 906 1.740	1.787 1.227 2.392	2.388 1.636 3.202	3.395 2.321 4.560

700			
11	21	22	33
297 206 395	403 277 540	535 366 718	760 519 1.021
371 257 494	504 346 675	669 458 898	949 648 1.277
445 308 592	605 415 810	803 550 1.078	1.140 778 1.532
519 360 691	705 484 945	937 641 1.257	1.329 908 1.787
594 411 790	806 553 1.080	1.071 733 1.437	1.519 1.037 2.042
668 462 888	907 622 1.215	1.204 824 1.616	1.710 1.167 2.298
742 514 987	1.008 691 1.350	1.338 916 1.796	1.899 1.297 2.553
890 616 1.184	1.209 830 1.620	1.606 1.099 2.155	2.279 1.557 3.064
1.039 719 1.382	1.411 968 1.890	1.874 1.282 2.514	2.659 1.816 3.574
1.187 822 1.579	1.613 1.106 2.160	2.142 1.466 2.874	3.039 2.075 4.085
1.336 925 1.777	1.814 1.245 2.430	2.409 1.649 3.233	3.418 2.334 4.595
1.484 1.027 1.974	2.016 1.383 2.700	2.677 1.832 3.592	3.798 2.594 5.106

900			
11	21	22	33
361 250 480	492 337 660	635 434 853	898 612 1.209
451 312 600	614 421 825	793 542 1.066	1.122 765 1.511
541 375 720	737 505 989	952 650 1.279	1.347 918 1.813
632 437 840	860 589 1.154	1.110 759 1.492	1.571 1.071 2.115
722 500 960	983 673 1.319	1.270 867 1.706	1.796 1.224 2.418
812 562 1.080	1.106 758 1.484	1.428 976 1.919	2.020 1.377 2.720
902 625 1.200	1.229 842 1.649	1.587 1.084 2.132	2.245 1.530 3.022
1.083 750 1.440	1.475 1.011 1.979	1.904 1.300 2.558	2.693 1.836 3.626
1.263 875 1.680	1.722 1.179 2.309	2.221 1.518 2.985	3.143 2.142 4.231
1.444 1.000 1.920	1.967 1.347 2.638	2.538 1.734 3.411	3.591 2.448 4.835
1.624 1.125 2.160	2.213 1.515 2.968	2.856 1.951 3.838	4.041 2.754 5.440
1.805 1.250 2.400	2.459 1.684 3.298	3.173 2.168 4.264	4.489 3.060 6.044

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

HYGIENE PLAN 8

The Hygiene Plan 8 is a decorative radiator with a flat front, without convection fins and without upper grille and side panels, for each project where hygiene is of great importance. With its flat front, the radiator has a timeless design. Furthermore you have, thanks to the 4 side- and 4 bottom connections, a variety of connection possibilities. In addition, it offers a uniform wall distance of 65 mm for types 20 and 30 at the centre connection.

Product:	decorative naked valve radiator without convection fins with 8 connections and a flat front
Finishing:	decorative flat front, without upper grille and side panels
Pre-installed:	preset valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets with anti-lift (VDI compliant when used in combination with included anti-slide clips), screws, plugs and installation instructions
Connections:	4 x ¾" male Eurocone bottom connection (2 x centre and 2 x lateral) and 4 x ½" female side connection. Uniform wall distance of 65 mm for types 20 and 30 at the centre connection.
Lugs:	Type 10 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF: Types 20-30
Types:	10 | 20 | 30
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	49 | 79 | 160 mm

2022

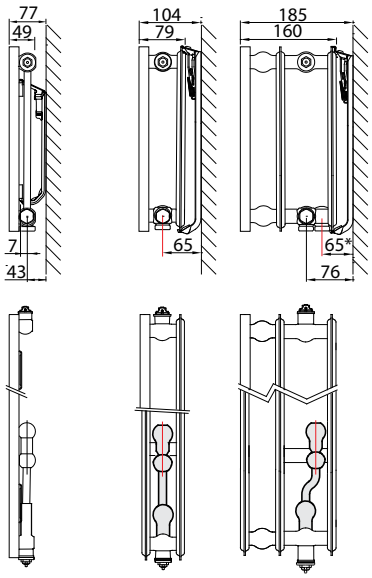
TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation

$$\Phi = K_M \times \Delta T^n$$

* centre connection only



Height		T10	T20	T30	Centre distance
300	W	301	531	798	**250**
	kg	8,44	14,64	22,00	
	l	1,84	3,29	5,20	
	m²	0,68	1,37	2,04	
	n	1,27	1,30	1,32	
400	W	394	680	983	**350**
	kg	10,79	19,26	28,53	
	l	2,35	4,49	6,57	
	m²	0,91	1,83	2,73	
	n	1,27	1,30	1,30	
500	W	481	820	1.168	**450**
	kg	13,15	23,88	35,07	
	l	2,85	5,70	7,93	
	m²	1,14	2,28	3,42	
	n	1,27	1,31	1,28	
600	W	562	952	1.357	**550**
	kg	15,50	28,50	41,60	
	l	3,35	6,90	9,30	
	m²	1,37	2,74	4,11	
	n	1,27	1,31	1,27	
700	W	636	1.077	1.550	**650**
	kg	18,15	33,33	48,10	
	l	3,83	7,57	10,77	
	m²	1,60	3,20	4,79	
	n	1,27	1,32	1,29	
900	W	765	1.308	1.959	**850**
	kg	23,45	43,00	61,10	
	l	4,80	8,90	13,70	
	m²	2,06	4,12	6,18	
	n	1,27	1,33	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HYGIENE PLAN 8

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300		
Type	10	20	30
W/m 75/65/20°C	301	531	798
400		159 109 212	238 163 319
500	113 79 151	199 137 266	297 204 399
600	136 95 181	239 164 319	357 244 479
700	159 110 211	278 192 372	417 285 559
800	182 126 241	318 219 425	475 325 638
900	204 142 271	358 246 478	535 366 718
1000	227 158 301	397 274 531	595 407 798
1100	250 173 331	437 301 584	654 448 878
1200	272 189 361	477 328 637	714 489 958
1400	317 220 421	556 383 743	832 570 1.117
1600		636 438 850	952 651 1.277
1800		715 492 956	1.070 732 1.436
2000		795 547 1.062	1.189 814 1.596
2200		874 602 1.168	1.309 896 1.756
2400		953 656 1.274	1.427 977 1.915
2600		1.034 711 1.381	
2800		1.113 766 1.487	
3000		1.192 821 1.593	

400		
10	20	30
394	680	983
	203 140 272	294 202 393
149 103 197	254 175 340	368 253 492
178 124 236	305 210 408	441 304 590
208 145 276	356 245 476	515 354 688
237 165 315	407 280 544	588 404 786
268 186 355	458 315 612	662 455 885
297 206 394	509 350 680	735 506 983
326 227 433	559 385 748	809 556 1.081
357 248 473	610 420 816	883 607 1.180
416 289 552	712 490 952	1.029 708 1.376
475 330 630	814 559 1.088	1.177 809 1.573
535 371 709	915 629 1.224	1.323 910 1.769
594 413 788	1.017 699 1.360	1.471 1.011 1.966
	1.119 769 1.496	1.618 1.113 2.163
	1.220 839 1.632	1.765 1.214 2.359
	1.322 909 1.768	
	1.424 979 1.904	
	1.526 1.049 2.040	

500		
10	20	30
481	820	1.168
	245 168 328	351 242 467
181 126 241	306 210 410	439 303 584
218 151 289	368 253 492	526 364 701
254 177 337	429 295 574	614 425 818
290 202 385	490 337 656	701 485 934
326 227 433	552 379 738	789 545 1.051
363 252 481	613 421 820	877 606 1.168
399 277 529	674 463 902	965 667 1.285
435 302 577	735 505 984	1.053 728 1.402
507 353 673	858 589 1.148	1.228 849 1.635
581 403 770	980 674 1.312	1.403 970 1.869
653 454 866	1.103 758 1.476	1.578 1.091 2.102
725 504 962	1.226 842 1.640	1.754 1.212 2.336
798 554 1.058	1.348 926 1.804	1.930 1.334 2.570
870 605 1.154	1.471 1.010 1.968	2.105 1.455 2.803
	1.593 1.094 2.132	
	1.716 1.179 2.296	
	1.838 1.263 2.460	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL19/0026/E017

HYGIENE PLAN 8

On the label:
8-CONNECTIONS HYGIENE PLAN T20-30: 0659 H600 T20 L1000
T10: 0658

Art. 0659 06 20 10

Height	600		
Type	10	20	30
W/m 75/65/20°C	562	952	1.357
400		285 195 381	409 284 543
500	212 147 281	355 244 476	511 355 679
600	254 177 337	426 293 571	614 426 814
700	296 206 393	497 341 666	716 497 950
800	339 236 450	569 391 762	819 568 1.086
900	382 265 506	640 439 857	920 639 1.221
1000	424 294 562	711 488 952	1.023 710 1.357
1100	466 324 618	782 537 1.047	1.125 782 1.493
1200	508 353 674	853 585 1.142	1.227 852 1.628
1400	593 412 787	995 683 1.333	1.432 995 1.900
1600	678 471 899	1.137 781 1.523	1.636 1.136 2.171
1800	763 530 1.012	1.280 878 1.714	1.841 1.279 2.443
2000	847 589 1.124	1.422 976 1.904	2.046 1.421 2.714
2200	932 648 1.236	1.564 1.073 2.094	2.250 1.563 2.985
2400	1.017 707 1.349	1.706 1.171 2.285	2.455 1.705 3.257
2600		1.848 1.268 2.475	
2800		1.991 1.366 2.666	
3000		2.133 1.464 2.856	

700		
10	20	30
636	1.077	1.550
	321 220 431	465 321 620
240 167 318	401 275 539	581 401 775
288 200 382	482 330 646	698 482 930
336 233 445	562 385 754	814 562 1.085
384 267 509	643 440 862	930 642 1.240
431 300 572	722 495 969	1.046 722 1.395
480 333 636	803 550 1.077	1.163 803 1.550
528 367 700	884 605 1.185	1.279 883 1.705
575 400 763	963 660 1.292	1.395 963 1.860
671 466 890	1.124 770 1.508	1.628 1.124 2.170
768 533 1.018	1.285 880 1.723	1.860 1.284 2.480
863 600 1.145	1.446 990 1.939	2.093 1.445 2.790
959 666 1.272	1.606 1.100 2.154	2.325 1.605 3.100

900		
10	20	30
765	1.308	1.959
	389 265 523	583 397 784
288 200 383	486 332 654	728 497 980
346 240 459	583 398 785	873 595 1.175
404 281 536	681 464 916	1.019 695 1.371
461 321 612	777 530 1.046	1.164 794 1.567
519 360 689	875 597 1.177	1.310 893 1.763
577 401 765	972 663 1.308	1.456 993 1.959
635 441 842	1.070 730 1.439	1.601 1.092 2.155
692 481 918	1.167 796 1.570	1.747 1.191 2.351
807 561 1.071	1.361 928 1.831	2.038 1.390 2.743
923 641 1.224	1.556 1.061 2.093	2.329 1.588 3.134
1.038 721 1.377	1.750 1.194 2.354	2.620 1.786 3.526
1.154 801 1.530	1.944 1.326 2.616	2.911 1.985 3.918

HENRAD NV:PL19/0026/E017

GENERAL INFORMATION

EVEREST PLAN

The flat front and closely fitting decorative upper grille and side panels of the Everest Plan result in a sleek and timeless design. The Everest Plan, Compact Plan and Alto Plan complement each other perfectly in creating a nice clean interior throughout your home. Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	decorative valve radiator with a flat front
Finishing:	decorative flat front, upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs and installation instructions
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included). A left version is available on request.
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	63 | 79 | 102 | 160 mm

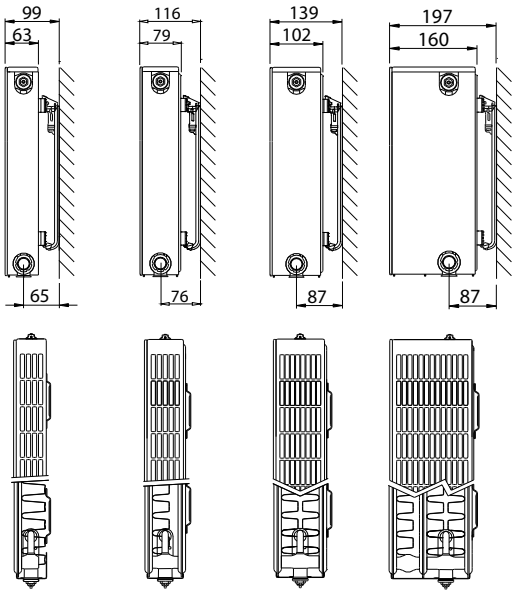
2005

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W			929	1.346	**250**
	kg			19,60	28,00	
	l			3,70	5,40	
	m²			3,51	5,26	
	n			1,30	1,31	
400	W	626		1.177	1.690	**350**
	kg	16,13		26,40	38,13	
	l	2,34		4,67	6,87	
	m²	2,95		4,92	7,38	
	n	1,29		1,30	1,32	
500	W	774	1.062	1.411	2.017	**450**
	kg	20,39	28,89	33,20	48,27	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,32	1,31	1,33	
600	W	911	1.227	1.634	2.332	**550**
	kg	24,65	34,90	40,00	58,40	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,27	1,32	1,32	1,34	
700	W	1.038	1.387	1.848	2.637	**650**
	kg	28,91	40,91	46,80	68,53	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,32	1,33	1,34	
900	W	1.260	1.690	2.251	3.225	**850**
	kg	37,43	52,94	60,40	88,80	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,31	1,35	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

EVEREST PLAN

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300	
Type	22	33
400		401 275 538
500	347 239 465	502 344 673
600	417 287 557	603 413 808
700	487 335 650	703 482 942
800	556 383 743	804 551 1.077
900	626 431 836	904 619 1.211
1000	696 479 929	1.004 689 1.346
1100	765 527 1.022	1.105 758 1.481
1200	835 575 1.115	1.205 826 1.615
1400	974 671 1.301	1.406 964 1.884
1600	1.113 767 1.486	1.607 1.102 2.154
1800	1.252 863 1.672	1.808 1.239 2.423
2000	1.391 958 1.858	2.009 1.377 2.692
2200	1.531 1.054 2.044	2.209 1.515 2.961
2400	1.670 1.150 2.230	2.410 1.652 3.230
2600	1.809 1.246 2.415	
2800	1.948 1.342 2.601	
3000	2.087 1.438 2.787	

400		
11	22	33
187 129 250	352 242 471	
235 162 313	440 302 589	
282 194 376	528 363 706	755 516 1.014
328 226 438	616 423 824	
376 259 501	704 484 942	1.007 688 1.352
422 291 563	792 544 1.059	1.132 774 1.521
469 324 626	880 605 1.177	1.258 860 1.690
516 356 689	968 665 1.295	1.384 946 1.859
563 388 751	1.055 725 1.412	1.510 1.032 2.028
657 453 876	1.232 847 1.648	1.761 1.204 2.366
751 518 1.002	1.408 967 1.883	2.013 1.376 2.704
845 583 1.127	1.584 1.088 2.119	2.265 1.548 3.042
939 647 1.252	1.760 1.209 2.354	2.516 1.720 3.380
	1.935 1.330 2.589	2.768 1.892 3.718
	2.112 1.451 2.825	3.020 2.064 4.056
	2.287 1.572 3.060	
	2.464 1.693 3.296	
	2.639 1.814 3.531	

500			
11	21	22	33
233 161 310	317 216 425	421 289 564	599 409 807
291 201 387	395 270 531	527 361 706	749 510 1.009
349 241 464	474 324 637	632 433 847	899 613 1.210
407 282 542	553 378 743	737 505 988	1.049 715 1.412
465 322 619	633 433 850	842 578 1.129	1.199 817 1.614
524 362 697	712 487 956	948 650 1.270	1.348 919 1.815
582 402 774	791 541 1.062	1.053 722 1.411	1.498 1.021 2.017
639 442 851	870 595 1.168	1.158 794 1.552	1.648 1.123 2.219
698 483 929	949 649 1.274	1.263 866 1.693	1.798 1.225 2.420
814 563 1.084	1.107 757 1.487	1.474 1.010 1.975	2.098 1.430 2.824
930 643 1.238	1.265 865 1.699	1.685 1.155 2.258	2.397 1.634 3.227
1.047 724 1.393	1.424 974 1.912	1.895 1.299 2.540	2.697 1.838 3.631
1.163 804 1.548	1.582 1.082 2.124	2.106 1.444 2.822	2.996 2.042 4.034
1.279 885 1.703	1.740 1.190 2.336	2.316 1.588 3.104	3.296 2.246 4.437
1.396 965 1.858	1.898 1.298 2.549	2.526 1.732 3.386	3.596 2.451 4.841
		2.738 1.877 3.669	
		2.948 2.021 3.951	
		3.158 2.165 4.233	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

EVEREST PLAN

On the label:
DESIGN/FLATFRONT T11-33: 0243
DESIGN/FLATFRONT L (Left) T11-33: 0244

Art. 0243 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	274 190 364	365 250 491	487 333 654	691 470 933
500	343 238 456	457 312 614	608 416 817	864 587 1.166
600	412 286 547	548 374 736	730 499 980	1.037 705 1.399
700	480 333 638	639 437 859	852 583 1.144	1.209 822 1.632
800	549 381 729	731 500 982	973 666 1.307	1.383 940 1.866
900	617 428 820	822 562 1.104	1.096 749 1.471	1.556 1.057 2.099
1000	686 476 911	913 624 1.227	1.217 832 1.634	1.728 1.174 2.332
1100	754 523 1.002	1.005 687 1.350	1.338 915 1.797	1.901 1.292 2.565
1200	823 571 1.093	1.096 749 1.472	1.460 999 1.961	2.074 1.409 2.798
1400	960 666 1.275	1.279 874 1.718	1.704 1.165 2.288	2.420 1.644 3.265
1600	1.098 761 1.458	1.461 999 1.963	1.947 1.331 2.614	2.765 1.879 3.731
1800	1.235 857 1.640	1.644 1.124 2.209	2.190 1.498 2.941	3.111 2.114 4.198
2000	1.372 952 1.822	1.827 1.249 2.454	2.434 1.665 3.268	3.457 2.349 4.664
2200	1.509 1.047 2.004	2.009 1.373 2.699	2.677 1.831 3.595	3.802 2.584 5.130
2400	1.646 1.142 2.186	2.192 1.498 2.945	2.921 1.998 3.922	4.148 2.819 5.597
2600			3.164 2.164 4.248	
2800			3.407 2.330 4.575	
3000			3.651 2.497 4.902	

700			
11	21	22	33
			782 531 1.055
390 270 519	517 354 694	686 468 924	977 664 1.319
468 324 623	620 424 832	824 562 1.109	1.172 796 1.582
547 378 727	723 495 971	961 655 1.294	1.368 929 1.846
624 432 830	827 566 1.110	1.098 749 1.478	1.563 1.062 2.110
702 486 934	930 636 1.248	1.235 842 1.663	1.758 1.195 2.373
780 540 1.038	1.033 707 1.387	1.373 936 1.848	1.954 1.328 2.637
		1.510 1.030 2.033	2.150 1.461 2.901
		1.648 1.123 2.218	2.344 1.593 3.164
		1.922 1.310 2.587	2.736 1.859 3.692
		2.197 1.498 2.957	3.126 2.124 4.219
			3.517 2.390 4.747
		2.746 1.872 3.696	3.908 2.655 5.274

900			
11	21	22	33
378 261 504	504 345 676	665 451 900	956 649 1.290
472 326 630	630 432 845	832 564 1.126	1.194 811 1.613
567 391 756	756 518 1.014	999 676 1.351	1.433 973 1.935
661 456 882	882 605 1.183	1.165 789 1.576	1.673 1.136 2.258
756 521 1.008	1.008 691 1.352	1.331 902 1.801	1.911 1.298 2.580
850 586 1.134	1.134 777 1.521	1.498 1.014 2.026	2.150 1.460 2.903
945 651 1.260	1.260 864 1.690	1.664 1.127 2.251	2.389 1.622 3.225
1.039 717 1.386	1.386 950 1.859	1.830 1.240 2.476	2.628 1.785 3.548
1.133 782 1.512	1.513 1.036 2.028	1.997 1.352 2.701	2.867 1.947 3.870
1.322 912 1.764	1.765 1.209 2.366	2.329 1.578 3.151	3.344 2.271 4.515
1.511 1.042 2.016	2.017 1.382 2.704	2.662 1.803 3.602	3.822 2.596 5.160
1.700 1.173 2.268	2.269 1.554 3.042	2.995 2.029 4.052	4.300 2.920 5.805

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

COMPACT PLAN

The Compact Plan differs from an ordinary compact radiator because it comes complete with a flat front and close-fitting side panels and decorative upper grille. Use the Compact Plan in combination with the Everest Plan and Alto Plan models to create an uniform sleek look.

Product:	the decorative encased panel radiator with a flat front plate
Finishing:	decorative flat front with upper grille and side panels
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 2.000 mm
Depths:	63 | 79 | 102 | 160 mm

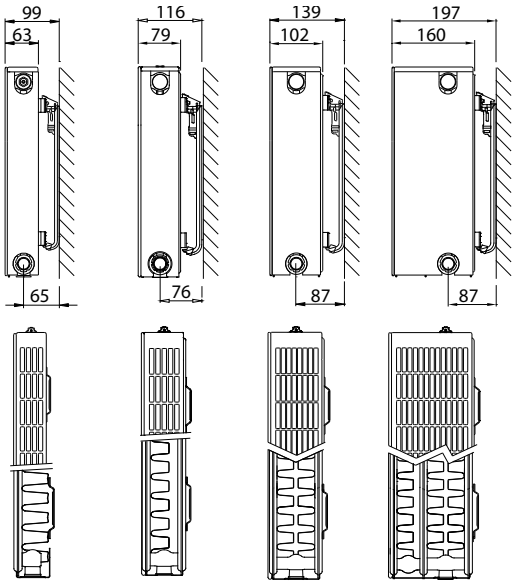
2006

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W	469	706	929	1.346	**250**
	kg	11,88	16,86	19,60	28,00	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,30	1,32	1,30	1,31	
400	W	626	889	1.177	1.690	**350**
	kg	16,13	22,87	26,40	38,13	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,29	1,32	1,30	1,32	
500	W	774	1.062	1.411	2.017	**450**
	kg	20,39	28,89	33,20	48,27	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,32	1,31	1,33	
600	W	911	1.227	1.634	2.332	**550**
	kg	24,65	34,90	40,00	58,40	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,27	1,32	1,32	1,34	
700	W	1.038	1.387	1.848	2.637	**650**
	kg	28,91	40,91	46,80	68,53	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,32	1,33	1,34	
900	W	1.260	1.690	2.251	3.225	**850**
	kg	37,43	52,94	60,40	88,80	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,31	1,35	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

COMPACT PLAN

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	141 97 188	210 144 282	279 192 372	401 275 538
500	175 120 235	263 180 353	347 239 465	502 344 673
600	210 145 281	316 216 424	417 287 557	603 413 808
700	245 169 328	368 252 494	487 335 650	703 482 942
800	280 193 375	421 288 565	556 383 743	804 551 1.077
900	316 217 422	473 324 635	626 431 836	904 619 1.211
1000	351 241 469	526 360 706	696 479 929	1.004 689 1.346
1100	386 265 516	579 397 777	765 527 1.022	1.105 758 1.481
1200	421 290 563	631 432 847	835 575 1.115	1.205 826 1.615
1400	491 338 657	737 504 988	974 671 1.301	1.406 964 1.884
1600		842 577 1.130	1.113 767 1.486	1.607 1.102 2.154
1800		948 649 1.271	1.252 863 1.672	1.808 1.239 2.423
2000		1.053 721 1.412	1.391 958 1.858	2.009 1.377 2.692

400			
11	21	22	33
187 129 250	265 182 356	352 242 471	503 344 676
235 162 313	331 226 445	440 302 589	629 430 845
282 194 376	397 272 533	528 363 706	755 516 1.014
328 226 438	463 317 622	616 423 824	881 602 1.183
376 259 501	530 363 711	704 484 942	1.007 688 1.352
422 291 563	596 408 800	792 544 1.059	1.132 774 1.521
469 324 626	662 453 889	880 605 1.177	1.258 860 1.690
516 356 689	729 499 978	968 665 1.295	1.384 946 1.859
563 388 751	795 544 1.067	1.055 725 1.412	1.510 1.032 2.028
657 453 876	928 635 1.245	1.232 847 1.648	1.761 1.204 2.366
751 518 1.002	1.060 725 1.422	1.408 967 1.883	2.013 1.376 2.704
845 583 1.127	1.192 816 1.600	1.584 1.088 2.119	2.265 1.548 3.042
939 647 1.252	1.325 907 1.778	1.760 1.209 2.354	2.516 1.720 3.380

500			
11	21	22	33
233 161 310	317 216 425	421 289 564	599 409 807
291 201 387	395 270 531	527 361 706	749 510 1.009
349 241 464	474 324 637	632 433 847	899 613 1.210
407 282 542	553 378 743	737 505 988	1.049 715 1.412
465 322 619	633 433 850	842 578 1.129	1.199 817 1.614
524 362 697	712 487 956	948 650 1.270	1.348 919 1.815
582 402 774	791 541 1.062	1.053 722 1.411	1.498 1.021 2.017
639 442 851	870 595 1.168	1.158 794 1.552	1.648 1.123 2.219
698 483 929	949 649 1.274	1.263 866 1.693	1.798 1.225 2.420
814 563 1.084	1.107 757 1.487	1.474 1.010 1.975	2.098 1.430 2.824
930 643 1.238	1.265 865 1.699	1.685 1.155 2.258	2.397 1.634 3.227
1.047 724 1.393	1.424 974 1.912	1.895 1.299 2.540	2.697 1.838 3.631
1.163 804 1.548	1.582 1.082 2.124	2.106 1.444 2.822	2.996 2.042 4.034

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL19/0026/E015

COMPACT PLAN

On the label:
COMPACT PLAN T11-33: Art. 0216 09 22 04
0216 — H900 — T22 — L400

Height	600			
Type	11	21	22	33
400	274 190 364	365 250 491	487 333 654	691 470 933
500	343 238 456	457 312 614	608 416 817	864 587 1.166
600	412 286 547	548 374 736	730 499 980	1.037 705 1.399
700	480 333 638	639 437 859	852 583 1.144	1.209 822 1.632
800	549 381 729	731 500 982	973 666 1.307	1.383 940 1.866
900	617 428 820	822 562 1.104	1.096 749 1.471	1.556 1.057 2.099
1000	686 476 911	913 624 1.227	1.217 832 1.634	1.728 1.174 2.332
1100	754 523 1.002	1.005 687 1.350	1.338 915 1.797	1.901 1.292 2.565
1200	823 571 1.093	1.096 749 1.472	1.460 999 1.961	2.074 1.409 2.798
1400	960 666 1.275	1.279 874 1.718	1.704 1.165 2.288	2.420 1.644 3.265
1600	1.098 761 1.458	1.461 999 1.963	1.947 1.331 2.614	2.765 1.879 3.731
1800	1.235 857 1.640	1.644 1.124 2.209	2.190 1.498 2.941	3.111 2.114 4.198
2000	1.372 952 1.822	1.827 1.249 2.454	2.434 1.665 3.268	3.457 2.349 4.664

700			
11	21	22	33
312 216 415	413 283 555	549 374 739	782 531 1.055
390 270 519	517 354 694	686 468 924	977 664 1.319
468 324 623	620 424 832	824 562 1.109	1.172 796 1.582
547 378 727	723 495 971	961 655 1.294	1.368 929 1.846
624 432 830	827 566 1.110	1.098 749 1.478	1.563 1.062 2.110
702 486 934	930 636 1.248	1.235 842 1.663	1.758 1.195 2.373
780 540 1.038	1.033 707 1.387	1.373 936 1.848	1.954 1.328 2.637
859 594 1.142	1.137 778 1.526	1.510 1.030 2.033	2.150 1.461 2.901
937 649 1.246	1.239 848 1.664	1.648 1.123 2.218	2.344 1.593 3.164
1.092 756 1.453	1.447 989 1.942	1.922 1.310 2.587	2.736 1.859 3.692
1.249 865 1.661	1.653 1.131 2.219	2.197 1.498 2.957	3.126 2.124 4.219
1.404 972 1.868	1.860 1.272 2.497	2.471 1.684 3.326	3.517 2.390 4.747
1.561 1.081 2.076	2.066 1.413 2.774	2.746 1.872 3.696	3.908 2.655 5.274

900			
11	21	22	33
378 261 504	504 345 676	665 451 900	956 649 1.290
472 326 630	630 432 845	832 564 1.126	1.194 811 1.613
567 391 756	756 518 1.014	999 676 1.351	1.433 973 1.935
661 456 882	882 605 1.183	1.165 789 1.576	1.673 1.136 2.258
756 521 1.008	1.008 691 1.352	1.331 902 1.801	1.911 1.298 2.580
850 586 1.134	1.134 777 1.521	1.498 1.014 2.026	2.150 1.460 2.903
945 651 1.260	1.260 864 1.690	1.664 1.127 2.251	2.389 1.622 3.225
1.039 717 1.386	1.386 950 1.859	1.830 1.240 2.476	2.628 1.785 3.548
1.133 782 1.512	1.513 1.036 2.028	1.997 1.352 2.701	2.867 1.947 3.870
1.322 912 1.764	1.765 1.209 2.366	2.329 1.578 3.151	3.344 2.271 4.515
1.511 1.042 2.016	2.017 1.382 2.704	2.662 1.803 3.602	3.822 2.596 5.160
1.700 1.173 2.268	2.269 1.554 3.042	2.995 2.029 4.052	4.300 2.920 5.805
1.889 1.303 2.520	2.521 1.727 3.380	3.328 2.254 4.502	4.778 3.245 6.450

HENRAD NV:PL19/0026/E015

GENERAL INFORMATION

COMPACT LINE

Like the Compact Plan the Compact Line radiator includes a stylish flat front, close-fitting side panels and a decorative upper grille. Combined with the Everest Line and Alto Line models they'll preserve a matching look throughout your home.

Product:	the decorative encased panel radiator with a stylish front plate
Finishing:	decorative stylish front with upper grille and side panels
Also supplied:	VDI brackets with anti-lift (type Monclac), screw, plugs, air vent, blind plug and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 2.000 mm
Depths:	63 | 79 | 102 | 160 mm

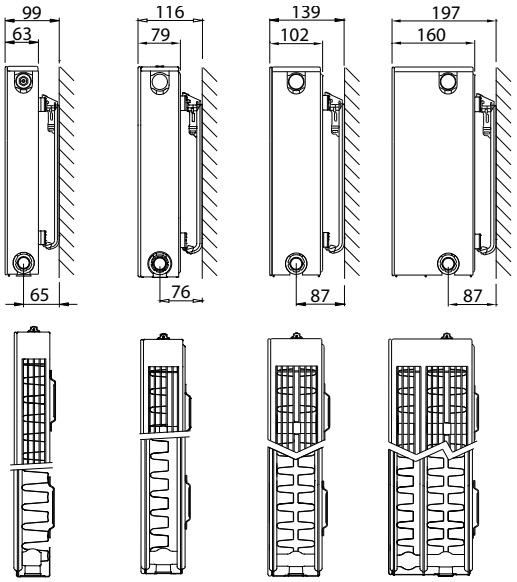
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W			898	1.287	**250**
	kg			19,30	27,60	
	l			3,10	5,40	
	m²			3,51	5,26	
	n			1,30	1,30	
400	W	614	870	1.153	1.649	**350**
	kg	16,20	22,60	25,67	36,63	
	l	2,30	4,15	4,13	6,63	
	m²	2,95	3,37	4,92	7,38	
	n	1,27	1,30	1,30	1,31	
500	W	746	1.038	1.388	1.979	**450**
	kg	20,23	28,00	32,03	45,67	
	l	2,77	5,20	5,17	7,87	
	m²	3,80	4,31	6,33	9,49	
	n	1,28	1,30	1,31	1,32	
600	W	870	1.196	1.601	2.280	**550**
	kg	24,27	33,60	38,40	54,70	
	l	3,23	6,25	6,20	9,10	
	m²	4,66	5,24	7,74	11,61	
	n	1,28	1,31	1,31	1,32	
700	W	987	1.350	1.796	2.553	**650**
	kg	28,30	39,20	44,70	63,60	
	l	3,70	7,30	7,03	10,63	
	m²	5,51	6,18	9,15	13,72	
	n	1,28	1,31	1,32	1,33	
900	W	1.200	1.649	2.132	3.022	**850**
	kg	35,90	50,60	57,30	81,40	
	l	4,50	9,00	8,70	13,70	
	m²	7,22	8,05	11,97	17,96	
	n	1,28	1,32	1,32	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

COMPACT LINE

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300	
Type	22	33
400		
500	336 231 449	482 331 644
600		
700		
800	537 370 718	770 530 1.030
900	605 416 808	866 596 1.158
1000	672 463 898	963 662 1.287
1200	807 555 1.078	1.155 794 1.544
1400	941 648 1.257	1.348 927 1.802
1600	1.076 740 1.437	1.540 1.059 2.059
1800	1.210 833 1.616	1.733 1.192 2.317
2000	1.344 925 1.796	1.925 1.324 2.574

400			
11	21	22	33
231 160 307	326 224 435	431 296 577	615 422 825
277 192 368	391 269 522	517 356 692	739 507 989
324 224 430	456 314 609	603 415 807	862 592 1.154
370 256 491	521 359 696	689 474 922	985 676 1.319
416 289 553	586 404 783	776 533 1.038	1.108 761 1.484
462 320 614	652 449 870	862 593 1.153	1.231 845 1.649
555 385 737	782 539 1.044	1.035 711 1.384	1.478 1.014 1.979
647 449 860	912 628 1.218	1.207 829 1.614	1.724 1.184 2.309
739 512 982	1.043 718 1.392	1.379 948 1.845	1.970 1.352 2.638
832 577 1.105	1.173 808 1.566	1.551 1.066 2.075	2.217 1.521 2.968
924 641 1.228	1.303 898 1.740	1.724 1.185 2.306	2.463 1.690 3.298

500			
11	21	22	33
224 155 298	310 213 415	414 284 555	591 405 792
281 194 373	388 267 519	518 356 694	738 506 990
337 234 448	466 320 623	622 427 833	885 606 1.187
393 272 522	544 374 727	726 498 972	1.033 707 1.385
449 311 597	621 427 830	829 569 1.110	1.180 809 1.583
505 350 671	698 480 934	933 640 1.249	1.328 910 1.781
561 389 746	776 534 1.038	1.036 711 1.388	1.476 1.011 1.979
673 467 895	932 641 1.246	1.244 854 1.666	1.771 1.213 2.375
785 544 1.044	1.087 747 1.453	1.451 996 1.943	2.066 1.415 2.771
898 622 1.194	1.242 854 1.661	1.658 1.138 2.221	2.361 1.617 3.166
1.010 700 1.343	1.397 960 1.868	1.865 1.280 2.498	2.656 1.819 3.562
1.123 778 1.492	1.552 1.067 2.076	2.073 1.423 2.776	2.951 2.022 3.958

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

COMPACT LINE

On the label:
COMPACT DECO T11-33: Art. 0453 09 22 04
0453 — H900 — T22 — L400

Height	600			
Type	11	21	22	33
400	262 181 348	357 245 478	477 327 640	679 464 912
500	327 227 435	447 307 598	597 409 801	849 580 1.140
600	393 272 522	536 368 718	717 491 961	1.018 696 1.368
700	458 317 609	625 430 837	836 573 1.121	1.188 812 1.596
800	523 363 696	715 491 957	955 655 1.281	1.358 928 1.824
900	589 408 783	804 552 1.076	1.075 736 1.441	1.528 1.044 2.052
1000	654 453 870	894 614 1.196	1.194 818 1.601	1.697 1.160 2.280
1200	785 544 1.044	1.072 736 1.435	1.433 982 1.921	2.037 1.392 2.736
1400	916 634 1.218	1.251 859 1.674	1.671 1.145 2.241	2.376 1.625 3.192
1600	1.047 725 1.392	1.430 982 1.914	1.911 1.309 2.562	2.716 1.857 3.648
1800	1.178 816 1.566	1.609 1.105 2.153	2.149 1.473 2.882	3.055 2.089 4.104
2000	1.309 906 1.740	1.787 1.227 2.392	2.388 1.636 3.202	3.395 2.321 4.560

700			
11	21	22	33
297 206 395	403 277 540	535 366 718	760 519 1.021
371 257 494	504 346 675	669 458 898	949 648 1.277
445 308 592	605 415 810	803 550 1.078	1.140 778 1.532
519 360 691	705 484 945	937 641 1.257	1.329 908 1.787
594 411 790	806 553 1.080	1.071 733 1.437	1.519 1.037 2.042
668 462 888	907 622 1.215	1.204 824 1.616	1.710 1.167 2.298
742 514 987	1.008 691 1.350	1.338 916 1.796	1.899 1.297 2.553
890 616 1.184	1.209 830 1.620	1.606 1.099 2.155	2.279 1.557 3.064
1.039 719 1.382	1.411 968 1.890	1.874 1.282 2.514	2.659 1.816 3.574
1.187 822 1.579	1.613 1.106 2.160	2.142 1.466 2.874	3.039 2.075 4.085
1.336 925 1.777	1.814 1.245 2.430	2.409 1.649 3.233	3.418 2.334 4.595
1.484 1.027 1.974	2.016 1.383 2.700	2.677 1.832 3.592	3.798 2.594 5.106

900			
11	21	22	33
361 250 480	492 337 660	635 434 853	898 612 1.209
451 312 600	614 421 825	793 542 1.066	1.122 765 1.511
541 375 720	737 505 989	952 650 1.279	1.347 918 1.813
632 437 840	860 589 1.154	1.110 759 1.492	1.571 1.071 2.115
722 500 960	983 673 1.319	1.270 867 1.706	1.796 1.224 2.418
812 562 1.080	1.106 758 1.484	1.428 976 1.919	2.020 1.377 2.720
902 625 1.200	1.229 842 1.649	1.587 1.084 2.132	2.245 1.530 3.022
1.083 750 1.440	1.475 1.011 1.979	1.904 1.300 2.558	2.693 1.836 3.626
1.263 875 1.680	1.722 1.179 2.309	2.221 1.518 2.985	3.143 2.142 4.231
1.444 1.000 1.920	1.967 1.347 2.638	2.538 1.734 3.411	3.591 2.448 4.835
1.624 1.125 2.160	2.213 1.515 2.968	2.856 1.951 3.838	4.041 2.754 5.440
1.805 1.250 2.400	2.459 1.684 3.298	3.173 2.168 4.264	4.489 3.060 6.044

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

EVEREST PLAN PLINTH

Low radiators are highly suitable for spaces with large window sections, like shop windows, verandas, winter gardens and under window sills. The cold air next to a window is converted into pleasant warmth.
With a completely flat front, a decorative upper grille and side panels the Everest Plan Plinth radiator ensure optimal warmth with a minimum of height and a great finish! Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	the decorative valve radiator with a flat front and a height of 200 mm
Finishing:	decorative flat front, upper grille and side panels
Pre-installed:	adjustable Heimeier valve insert type 4368
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm.
Also supplied:	air vent and blind plugs
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	22 | 33 | 44
Height:	200 mm
Lengths:	1.000 – 2.600 mm
Depths:	102 | 160 | 218 mm

CE
2011

EVEREST LINE PLINTH

Low radiators are highly suitable for spaces with large window sections, like shop windows, verandas, winter gardens and under window sills. The cold air next to a window is converted into pleasant warmth.
With a completely flat front, a decorative upper grille and side panels the Everest Line Plinth radiator ensure optimal warmth with a minimum of height and a great finish! Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	the decorative valve radiator with a stylish front and a height of 200 mm
Finishing:	decorative stylish front, upper grille and side panels
Pre-installed:	adjustable Heimeier valve insert type 4368
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm.
Also supplied:	air vent and blind plugs
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	22 | 33 | 44
Height:	200 mm
Lengths:	1.000 – 2.600 mm
Depths:	102 | 160 | 218 mm

CE
2011

GENERAL INFORMATION

EVEREST PLAN PLINTH D

Low radiators are highly suitable for spaces with large window sections, like shop windows, verandas, winter gardens and under window sills. The cold air next to a window is converted into pleasant warmth.
With a completely flat front and rear, a decorative upper grille and side panels the Everest Plan Plinth D radiator ensure optimal warmth with a minimum of height and a great double finish! Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	the decorative valve radiator with a flat front and rear and a height of 200 mm
Finishing:	decorative flat front and rear, upper grille and side panels
Pre-installed:	adjustable Heimeier valve insert type 4368
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm.
Also supplied:	air vent and blind plugs
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	22 | 33 | 44
Height:	200 mm
Lengths:	1.000 – 2.600 mm
Depths:	104 | 162 | 220 mm

CE
2011

EVEREST LINE PLINTH D

Low radiators are highly suitable for spaces with large window sections, like shop windows, verandas, winter gardens and under window sills. The cold air next to a window is converted into pleasant warmth.
With a completely flat front and rear, a decorative upper grille and side panels the Everest Line Plinth D radiator ensure optimal warmth with a minimum of height and a great double finish!
Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	the decorative valve radiator with a stylish front and rear and a height of 200 mm
Finishing:	decorative stylish front and rear, upper grill and side panels
Pre-installed:	adjustable Heimeier valve insert type 4368
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm.
Also supplied:	air vent and blind plugs
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	22 | 33 | 44
Height:	200 mm
Lengths:	1.000 – 2.600 mm
Depths:	104 | 162 | 220 mm

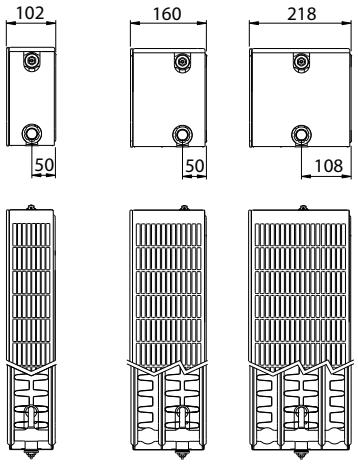
CE
2011

TYPE OVERVIEW EVEREST PLAN PLINTH AND EVEREST LINE PLINTH

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T22	T33	T44	Centre distance
200	W	611	918	1.197	**150**
	kg	12,30	17,60	23,00	
	l	2,80	4,20	5,60	
	m²	2,05	3,08	4,10	
	n	1,26	1,28	1,29	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HEAT OUTPUTS IN WATT ACCORDING TO EN442

On the label:
PLAN PLINTH T22-44: 0148
PLINTH DECO T22-44: 0251

Art. 0148 02 44 12
H200
T44
L1200

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	200			Height
Type	22	33	44	Type
1000	461 321 611	690 478 918	897 619 1.197	**1000**
1200	553 385 733	829 574 1.102	1.076 742 1.436	**1200**
1400	645 449 855	966 669 1.285	1.256 866 1.676	**1400**
1600	738 513 978	1.105 765 1.469	1.436 990 1.915	**1600**
1800	830 578 1.100	1.242 861 1.652	1.615 1.114 2.155	**1800**
2000	922 642 1.222	1.381 956 1.836	1.795 1.238 2.394	**2000**
2200	1.014 706 1.344	1.519 1.052 2.020	1.974 1.361 2.633	**2200**
2400	1.106 770 1.466	1.657 1.148 2.203	2.154 1.485 2.873	**2400**
2600	1.199 834 1.589	1.795 1.243 2.387	2.333 1.609 3.112	**2600**

HENRAD NV-PL20/0002/E001

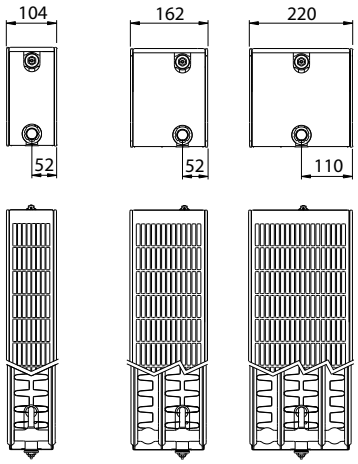
10 YEAR WARRANTY

TYPE OVERVIEW EVEREST PLAN PLINTH D AND EVEREST LINE PLINTH D

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T22	T33	T44	Centre distance
200	W	576	906	1.181	**150**
	kg	13,50	19,30	24,60	
	l	2,80	4,20	5,60	
	m²	2,05	3,08	4,10	
	n	1,27	1,26	1,28	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HEAT OUTPUTS IN WATT ACCORDING TO EN442

On the label:
PLAN PLINTH D T22-44: 0149
PLINTH DECO D T22-44: 0252

Art. 0149 02 44 12
H200
T44
L1200

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	200			Height
Type	22	33	44	Type
1000	434 301 576	684 477 906	887 613 1.181	**1000**
1200	521 362 691	821 572 1.087	1.064 735 1.417	**1200**
1400	607 422 806	958 667 1.268	1.241 858 1.653	**1400**
1600	695 482 922	1.095 763 1.450	1.419 981 1.890	**1600**
1800	781 543 1.037	1.232 858 1.631	1.596 1.103 2.126	**1800**
2000	868 603 1.152	1.369 953 1.812	1.773 1.226 2.362	**2000**
2200	955 663 1.267	1.505 1.048 1.993	1.951 1.348 2.598	**2200**
2400	1.041 723 1.382	1.642 1.143 2.174	2.128 1.471 2.834	**2400**
2600	1.129 784 1.498	1.779 1.239 2.356	2.306 1.594 3.071	**2600**

HENRAD NV-PL20/0002/E001

10 YEAR WARRANTY

GENERAL INFORMATION

RENO PLAN

The Reno Plan is a compact radiator, with a beautiful decorative flat front, specially designed for use in home renovations. Its very specific dimensions make it possible to replace the old cast iron and column radiators while preserving the existing pipes. Simple and quick installation is possible without conversion. In addition, this radiator offers the same advantages as a compact radiator thanks to its finish with a sturdy housing and decorative grille.

Product:	the fully encased compact radiator with a flat front specifically developed for the renovation market
Finishing:	decorative flat front, upper grille and side panels
Also supplied:	installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	21 | 22 | 33
Heights:	550 | 950 mm
Lengths:	400 – 2.000 mm
Depths:	79 | 102 | 160 mm

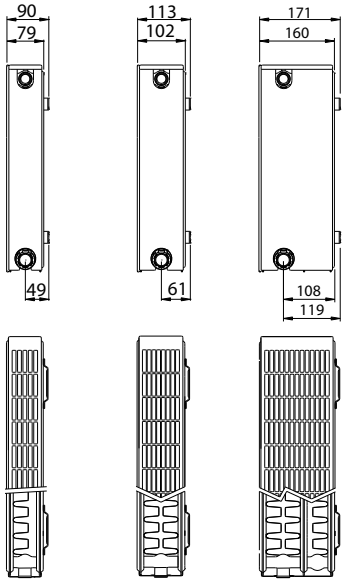
CE
2021

TYPE OVERVIEW

Calculation factor per meter at 75/65/20°C according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T21	T22	T33	Centre distance
550	W	1.146	1.524	2.176	500
	kg	31,89	36,60	53,33	
	l	5,95	5,95	9,00	
	m²	4,78	7,04	10,55	
	n	1,32	1,32	1,34	
950	W	1.815	2.309	3.300	900
	kg	50,85	56,45	81,25	
	l	10,45	10,50	15,63	
	m²	8,52	12,68	19,02	
	n	1,31	1,35	1,38	

W=heat output per meter / kg=weight per meter / l=content per meter
m²=surface per meter / n=exponent

The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

RENO PLAN

HEAT OUTPUTS ACCORDING TO EN442

10 YEAR WARRANTY

On the label:
RENO PLAN T21-33: 0444 H950 T22 L400

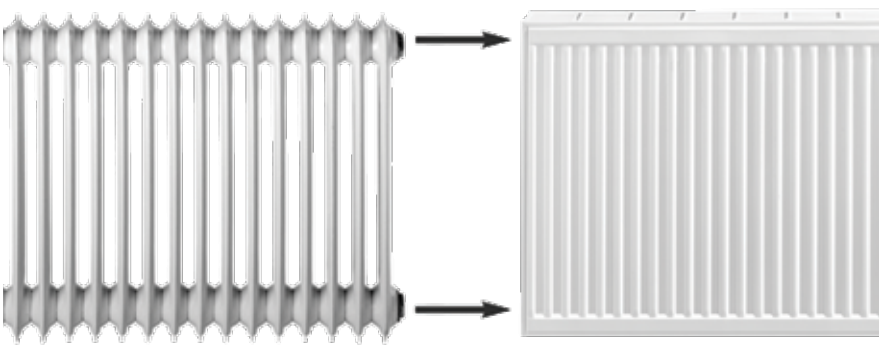
Art. 0444 0950 22 0400

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	550		
Type	21	22	33
400	341 233 458	454 311 610	646 440 870
500	427 292 573	568 389 762	807 549 1.088
600	512 350 688	682 467 914	969 659 1.306
700	597 408 802	795 545 1.067	1.130 769 1.523
800	683 467 917	909 622 1.219	1.292 879 1.741
900	768 525 1.031	1.022 700 1.372	1.453 989 1.958
1000	853 583 1.146	1.136 778 1.524	1.614 1.099 2.176
1100	939 642 1.261	1.250 856 1.676	1.776 1.209 2.394
1200	1.024 700 1.375	1.363 933 1.829	1.937 1.319 2.611
1400	1.195 817 1.604	1.590 1.089 2.134	2.260 1.538 3.046
1600	1.365 933 1.834	1.818 1.245 2.438	2.583 1.758 3.482
1800	1.536 1.050 2.063	2.045 1.400 2.743	2.906 1.978 3.917
2000	1.707 1.167 2.292	2.272 1.556 3.048	3.229 2.198 4.352

950			Height
21	22	33	Type
542 372 726	684 464 924	971 653 1.320	400
677 464 908	855 580 1.155	1.213 817 1.650	500
813 557 1.089	1.026 696 1.385	1.456 980 1.980	600
948 650 1.271	1.197 812 1.616	1.699 1.143 2.310	700
1.084 743 1.452	1.368 928 1.847	1.942 1.306 2.640	800
1.219 836 1.634	1.539 1.044 2.078	2.184 1.470 2.970	900
1.355 929 1.815	1.709 1.160 2.309	2.427 1.633 3.300	1000
1.490 1.022 1.997	1.880 1.276 2.540	2.670 1.796 3.630	1100
1.625 1.115 2.178	2.051 1.392 2.771	2.912 1.960 3.960	1200
1.896 1.300 2.541	2.393 1.624 3.233	3.398 2.286 4.620	1400
2.167 1.486 2.904	2.735 1.856 3.694	3.883 2.613 5.280	1600
2.438 1.672 3.267	3.077 2.088 4.156	4.368 2.940 5.940	1800
2.709 1.858 3.630	3.419 2.320 4.618	4.854 3.266 6.600	2000

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.



HENRAD NV:PL19/0026/E015

GENERAL INFORMATION

ALTO SWING

Elegant and decorative is how we can best describe the Alto Swing. The Alto Swing not only charms with its beautiful rounded contours, it also provides heating performance that exceeds expectations. With the wide availability of colours you can decide to have the Alto Swing blend into your interior or have it stand out conspicuously on its own merits.

Product:		the decorative vertical radiator with a centre connection, a minimum distance to the wall and round curves
Finishing:		completely smooth, rounded design
Also supplied:		wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:		4 x ½" female connection (centre connection included)
Lugs:		no lugs
Packaging:		Every radiator is sturdily packaged with protective foam-filled bags, in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:		10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:		All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:		Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:		10 bar (tested to 13 bar)
Max. operating temperature:		110 °C
Conformity:		in accordance with EN442
Types:		21 | 22
Heights:		1.820 | 2.020 mm
Lengths:	Type 21:	504 | 604 | 704 mm
	Type 22:	527 | 627 | 727 mm
Depths:		96 | 119 mm

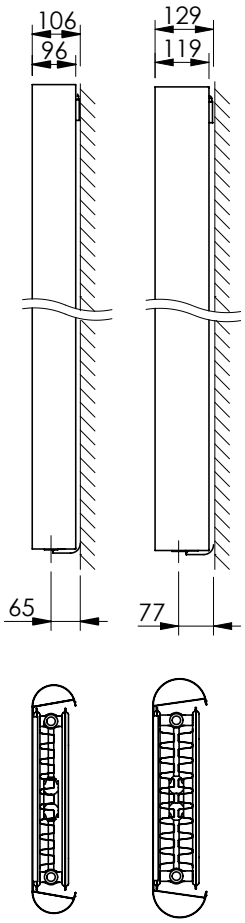
CE
2012

TYPE OVERVIEW

Calculation factor
per nominal meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T21	T22	Nominal height
1820	W	3.060	3.690	**1800**
	kg	96,00	105,30	
	l	15,90	15,90	
	m²	13,58	29,90	
	n	1,30	1,33	
2020	W	3.270	3.960	**2000**
	kg	106,20	116,40	
	l	17,70	17,70	
	m²	16,20	37,74	
	n	1,30	1,33	

W=heat output per nom. meter / kg=weight per nom. meter / l=content per nom. meter / m²=surface per nom. meter / n=exponent
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GENERAL INFORMATION

ALTO TANGO

The plain, sleek design means this radiator matches any interior in any living style. The front curves round nicely into the side panels in one flowing seamless form. A range of colours allows you to go that one step further in fully adapting the Alto Tango to match your interior requirements.

Product:	the decorative vertical radiator with a centre connection, a minimum distance to the wall and a neat angular look
Finishing:	completely smooth, angled design
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged with protective foam-filled bags, in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	21 | 22
Heights:	1.820 | 2.020 mm
Lengths:	410 | 510 | 610 mm
Depths:	96 | 119 mm

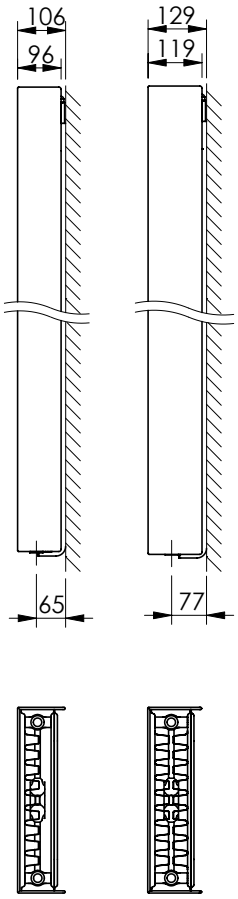
CE
2012

TYPE OVERVIEW

Calculation factor
per nominal meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T21	T22	Nominal height
1820	W	3.060	3.690	**1800**
	kg	96,00	105,30	
	l	15,90	15,90	
	m²	13,58	29,90	
	n	1,30	1,33	
2020	W	3.270	3.960	**2000**
	kg	106,20	116,40	
	l	17,70	17,70	
	m²	16,20	37,74	
	n	1,30	1,33	

W=heat output per nom. meter / kg=weight per nom. meter / l=content per nom. meter / m²=surface per nom. meter / n=exponent
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GENERAL INFORMATION

ALTO SLIM

The Alto Slim is the ultimate design radiator for anyone preferring a sleek and masterly design.
The completely uniform front and recessed black side panels and upper grille give the radiator an unparalleled look.
Its excellent finish and bi-colour design add extra class to your home, even if space is limited.

Product:	the decorative vertical radiator with a centre connection and a smooth front panel and recessed black side panels
Finishing:	completely smooth design with jointless recessed black side panels
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged with protective foam-filled bags, in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours front panel:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Colour side panel:	SN170 black
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	11 | 21 | 22
Heights:	1.840 | 2.040 mm
Lengths:	470 | 570 | 670 mm
Depths:	73 | 96 | 119 mm

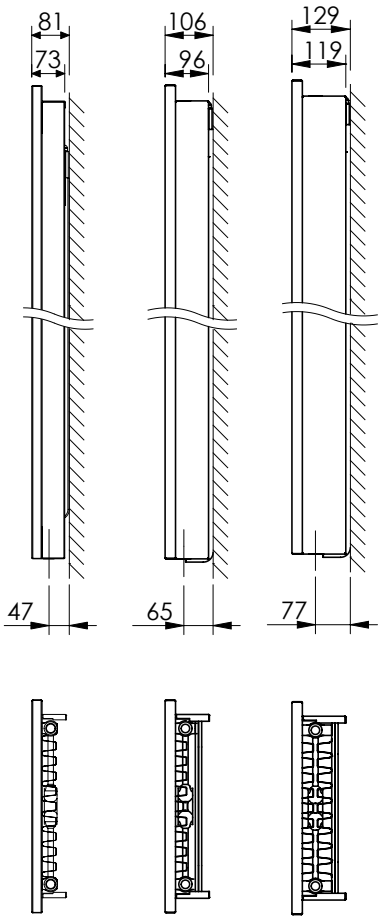
CE
2012

TYPE OVERVIEW

Calculation factor
per nominal meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	Nominal height
1840	W	2.133	3.060	3.690	**1800**
	kg	63,00	96,00	105,30	
	l	8,10	15,90	15,90	
	m²	9,86	13,58	29,90	
	n	1,30	1,30	1,33	
2040	W	2.298	3.270	3.960	**2000**
	kg	69,60	106,20	116,40	
	l	9,00	17,70	17,70	
	m²	12,15	16,20	37,74	
	n	1,30	1,30	1,33	

W=heat output per nom. meter / kg=weight per nom. meter / l=content per nom. meter / m²=surface per nom. meter / n=exponent
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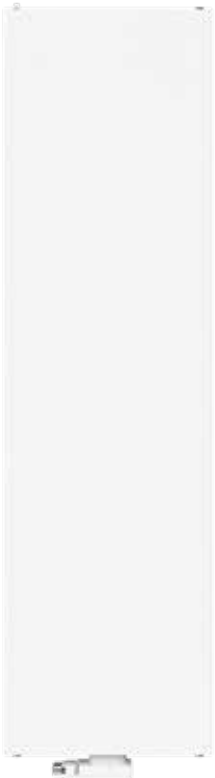
GENERAL INFORMATION

ALTO PLAN

The Alto Plan combines a sleek and decorative appearance and is perfect for applications where wall space is at a premium. This radiator can be perfectly combined with the Everest Plan 8 and Compact Plan models to provide a modern design and consistent look throughout your home.

Product:	the decorative vertical radiator with a centre connection and a flat front
Finishing:	decorative flat front and side panels
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 20 | 21 | 22
Heights:	1.600 | 1.800 | 2.000 | 2.200 mm
Lengths:	300 | 400 | 500 | 600 | 700 mm
Depths:	49 | 79 | 79 | 102 mm



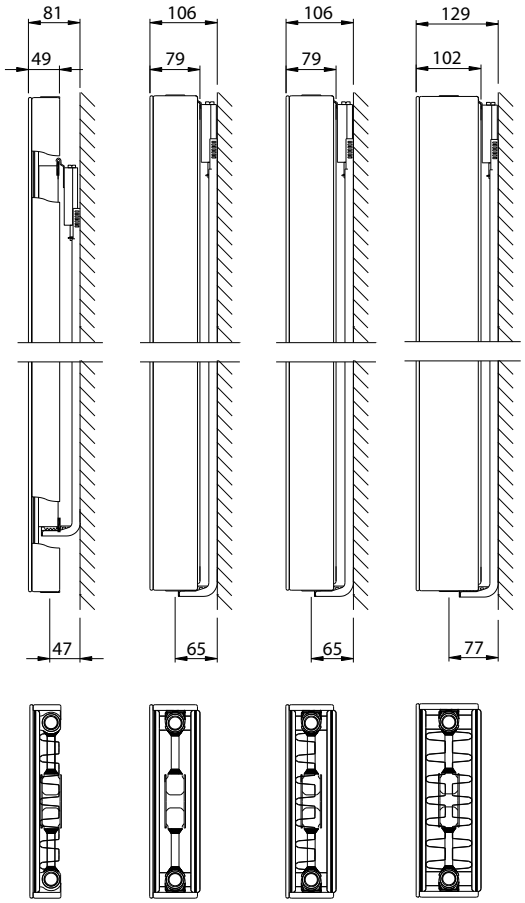
2006

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T20	T21	T22	Height
1600	W	1.959	2.310	2.808	3.420	**1600**
	kg	56,10	77,70	85,80	94,20	
	l	7,20	14,10	14,10	14,10	
	m²	9,40	7,33	12,66	28,99	
	n	1,31	1,27	1,31	1,32	
1800	W	2.133	2.532	3.060	3.690	**1800**
	kg	63,00	86,70	96,00	105,30	
	l	8,10	16,20	15,90	15,90	
	m²	9,86	8,25	13,58	29,90	
	n	1,30	1,27	1,30	1,33	
2000	W	2.298	2.748	3.270	3.960	**2000**
	kg	69,60	95,40	106,20	116,40	
	l	9,00	18,30	17,70	17,70	
	m²	12,15	9,17	16,20	37,74	
	n	1,30	1,27	1,30	1,33	
2200	W	2.454	2.958	3.510	4.230	**2200**
	kg	75,60	105,60	116,40	126,60	
	l	9,90	20,10	20,10	20,10	
	m²	12,61	10,09	17,11	38,66	
	n	1,29	1,27	1,30	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
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GENERAL INFORMATION

ALTO LINE

In both traditional and trendy newly build and renovation projects large glazed sections and terrace windows are often used to optimise natural lighting and thus limiting the open wall space. With the Alto Line Henrad offers you the ideal solution. When combining the Alto Line with the Everest Line 8 and Compact Line models a light and spacious feeling is created throughout the home.

Product:	the decorative vertical radiator with a centre connection and a stylised front
Finishing:	decorative stylised front and side panels
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included)
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 20 | 21 | 22
Heights:	1.600 | 1.800 | 2.000 | 2.200 mm
Lengths:	300 | 400 | 500 | 600 | 700 mm
Depths:	49 | 79 | 79 | 102 mm

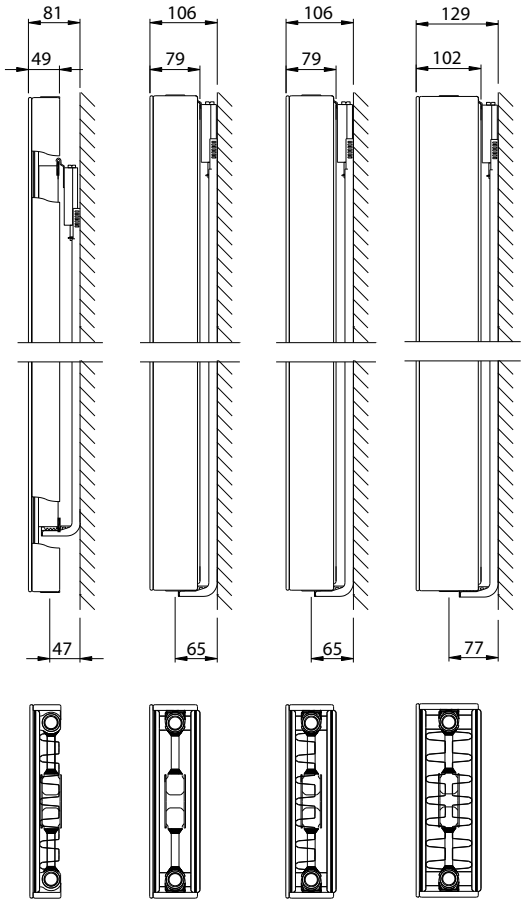
2006

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T20	T21	T22	Height
1600	W	1.959	2.310	2.808	3.420	**1600**
	kg	56,10	77,70	85,80	94,20	
	l	7,20	14,10	14,10	14,10	
	m²	9,40	7,33	12,66	28,99	
	n	1,31	1,27	1,31	1,32	
1800	W	2.133	2.532	3.060	3.690	**1800**
	kg	63,00	86,70	96,00	105,30	
	l	8,10	16,20	15,90	15,90	
	m²	9,86	8,25	13,58	29,90	
	n	1,30	1,27	1,30	1,33	
2000	W	2.298	2.748	3.270	3.960	**2000**
	kg	69,60	95,40	106,20	116,40	
	l	9,00	18,30	17,70	17,70	
	m²	12,15	9,17	16,20	37,74	
	n	1,30	1,27	1,30	1,33	
2200	W	2.454	2.958	3.510	4.230	**2200**
	kg	75,60	105,60	116,40	126,60	
	l	9,90	20,10	20,10	20,10	
	m²	12,61	10,09	17,11	38,66	
	n	1,29	1,27	1,30	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

ALTO SWING

10 YEAR WARRANTY

HEAT OUTPUTS IN WATT ACCORDING TO EN442

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	1820	2020
Type	21	
504	915 629 1.224	979 673 1.308
604	1.144 786 1.530	1.223 841 1.635
704	1.372 943 1.836	1.468 1.010 1.962

Height	1820	2020
Type	22	
527	1.098 750 1.476	1.178 804 1.584
627	1.373 938 1.845	1.472 1.005 1.980
727	1.647 1.125 2.214	1.767 1.206 2.376

On the label:
VERTICAL SWING T21-22: Art. 0278 18 22 04
0278 — H1820 — T22 — L527

ALTO TANGO

Height	1820		2020		Height
Type	21	22	21	22	Type
410	915 629 1.224	1.098 750 1.476	979 673 1.308	1.178 804 1.584	410
510	1.144 786 1.530	1.373 938 1.845	1.223 841 1.635	1.472 1.005 1.980	510
610	1.372 943 1.836	1.647 1.125 2.214	1.468 1.010 1.962	1.767 1.206 2.376	610

On the label:
VERTICAL TANGO T21-22: Art. 0277 18 22 04
0277 — H1820 — T22 — L410

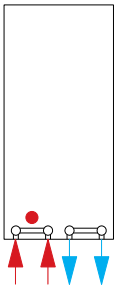
ALTO SLIM

Height	1840			2040			Height
Type	11	21	22	11	21	22	Type
470	638 439 853	915 629 1.224	1.098 750 1.476	688 474 919	979 673 1.308	1.178 804 1.584	470
570	797 548 1.067	1.144 786 1.530	1.373 938 1.845	860 592 1.149	1.223 841 1.635	1.472 1.005 1.980	570
670	957 659 1.280	1.372 943 1.836	1.647 1.125 2.214	1.032 711 1.379	1.468 1.010 1.962	1.767 1.206 2.376	670

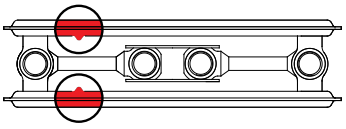
On the label:
VERTICAL SLIM T11-22: Art. 0279 18 22 04
0279 — H1840 — T22 — L400

CONNECTION POSSIBILITIES ALTO SWING, ALTO TANGO, ALTO SLIM

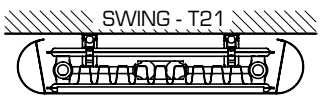
View: front of radiator

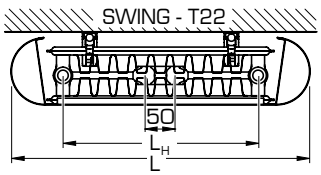


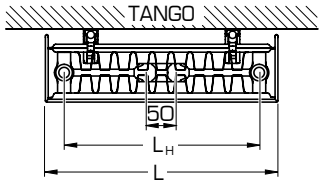
L				L_H	L_{NOM}
Swing T21	Swing T22	Tango	Slim	centre distance	
504	527	410	470	344	400
604	627	510	570	444	500
704	727	610	670	544	600

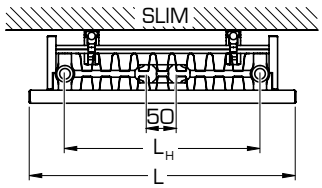


● flow lock









HENRAD NV:PL20/0002/E001

ALTO PLAN

10 YEAR WARRANTY

HEAT OUTPUTS IN WATT ACCORDING TO EN442

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

On the label:
VERTICAL PLAN T11-22: 0275 H1800 T22 L500

Art. 0275 18 22 05

Height	1600				1800				2000				2200				Height
Type	11	20	21	22	11	20	21	22	11	20	21	22	11	20	21	22	Type
300	439 302 588	522 362 693	629 432 842	764 522 1.026	479 329 640	572 397 760	686 472 918	824 563 1.107	516 355 689	620 430 824	734 505 981	883 603 1.188	552 380 736	668 463 887	788 543 1.053	943 643 1.269	300
400	586 403 784	696 483 924	839 576 1.123	1.018 696 1.368	638 439 853	763 529 1.013	915 629 1.224	1.098 750 1.476	688 474 919	827 574 1.099	979 673 1.308	1.178 804 1.584	736 507 982	891 618 1.183	1.051 724 1.404	1.257 858 1.692	400
500	732 503 980	870 604 1.155	1.049 720 1.404	1.273 870 1.710	797 548 1.067	953 661 1.266	1.144 786 1.530	1.373 938 1.845	860 592 1.149	1.034 717 1.374	1.223 841 1.635	1.472 1.005 1.980	920 634 1.227	1.113 772 1.479	1.314 905 1.755	1.572 1.072 2.115	500
600	878 603 1.175	1.044 724 1.386	1.259 864 1.685	1.528 1.044 2.052	957 659 1.280	1.144 793 1.519	1.372 943 1.836	1.647 1.125 2.214	1.032 711 1.379	1.242 861 1.649	1.468 1.010 1.962	1.767 1.206 2.376	1.103 761 1.472	1.336 927 1.775	1.577 1.086 2.106	1.886 1.286 2.538	600
700	1.025 704 1.371	1.218 845 1.617	1.468 1.008 1.966	1.782 1.218 2.394	1.117 768 1.493	1.334 926 1.772	1.601 1.100 2.142	1.922 1.313 2.583	1.205 830 1.609	1.449 1.005 1.924	1.712 1.178 2.289	2.061 1.407 2.772	1.287 888 1.718	1.559 1.081 2.071	1.839 1.267 2.457	2.200 1.501 2.961	700

HENRAD NV-PL20/0002/E001

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

ALTO LINE

On the label:
VERTICAL DECO T11-22: 0276 H1800 T22 L500

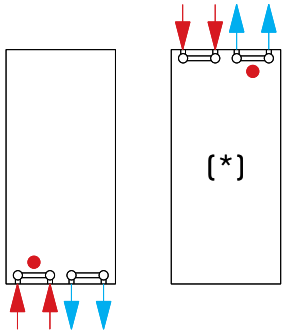
Art. 0276 18 22 05

Height	1600				1800				2000				2200				Height
Type	11	20	21	22	11	20	21	22	11	20	21	22	11	20	21	22	Type
300	439 302 588	522 362 693	629 432 842	764 522 1.026	479 329 640	572 397 760	686 472 918	824 563 1.107	516 355 689	620 430 824	734 505 981	883 603 1.188	552 380 736	668 463 887	788 543 1.053	943 643 1.269	300
400	586 403 784	696 483 924	839 576 1.123	1.018 696 1.368	638 439 853	763 529 1.013	915 629 1.224	1.098 750 1.476	688 474 919	827 574 1.099	979 673 1.308	1.178 804 1.584	736 507 982	891 618 1.183	1.051 724 1.404	1.257 858 1.692	400
500	732 503 980	870 604 1.155	1.049 720 1.404	1.273 870 1.710	797 548 1.067	953 661 1.266	1.144 786 1.530	1.373 938 1.845	860 592 1.149	1.034 717 1.374	1.223 841 1.635	1.472 1.005 1.980	920 634 1.227	1.113 772 1.479	1.314 905 1.755	1.572 1.072 2.115	500
600	878 603 1.175	1.044 724 1.386	1.259 864 1.685	1.528 1.044 2.052	957 659 1.280	1.144 793 1.519	1.372 943 1.836	1.647 1.125 2.214	1.032 711 1.379	1.242 861 1.649	1.468 1.010 1.962	1.767 1.206 2.376	1.103 761 1.472	1.336 927 1.775	1.577 1.086 2.106	1.886 1.286 2.538	600
700	1.025 704 1.371	1.218 845 1.617	1.468 1.008 1.966	1.782 1.218 2.394	1.117 768 1.493	1.334 926 1.772	1.601 1.100 2.142	1.922 1.313 2.583	1.205 830 1.609	1.449 1.005 1.924	1.712 1.178 2.289	2.061 1.407 2.772	1.287 888 1.718	1.559 1.081 2.071	1.839 1.267 2.457	2.200 1.501 2.961	700

HENRAD NV-PL20/0002/E001

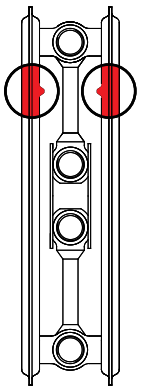
CONNECTION POSSIBILITIES ALTO PLAN, ALTO LINE

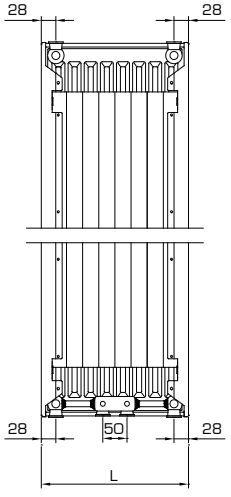
View: front of radiator



(*) With these connection options, both the supply and return must be vented.
Top connection allowed provided there is a temperature difference between flow and return of maximum 20°C.

flow lock

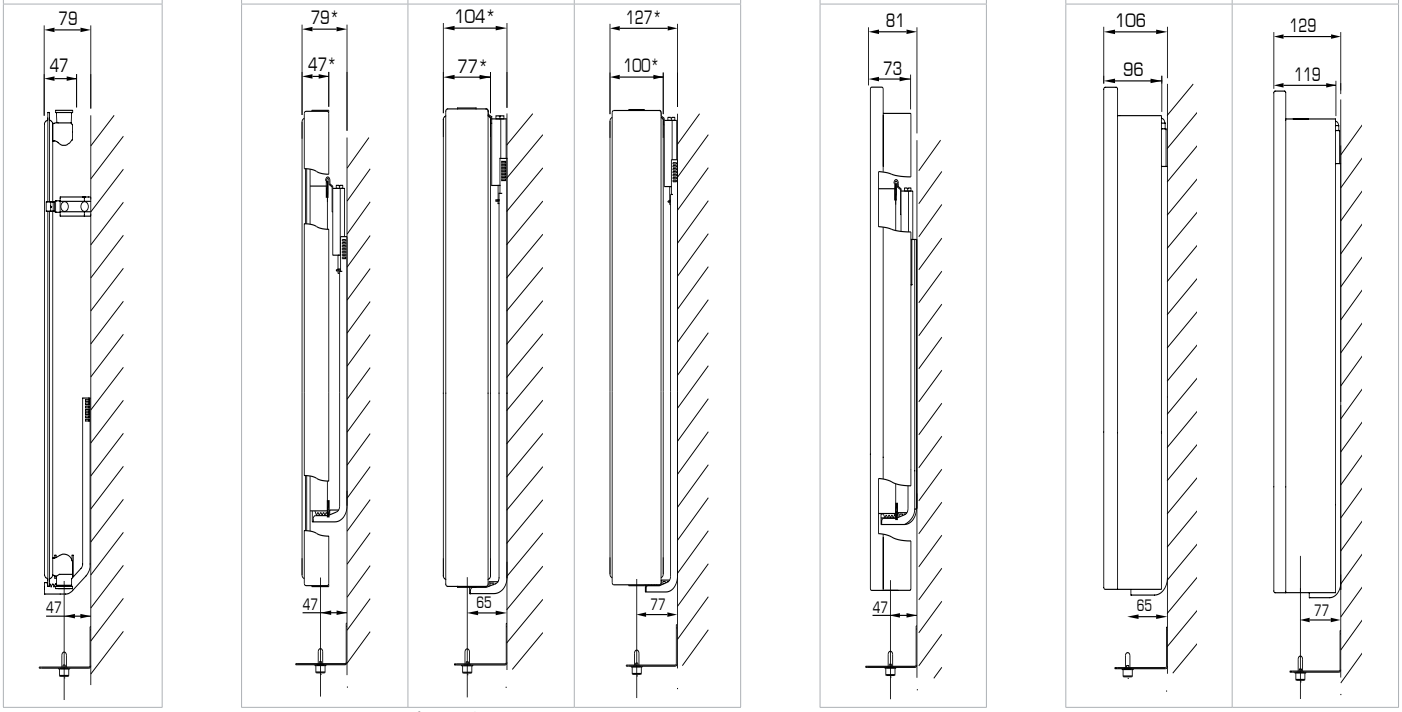




WALL BRACKETS

ALTO SWING · ALTO TANGO · ALTO SLIM · ALTO PLAN · ALTO LINE · VERTICAL GALVA · ALTO

Vertical Galva, Alto	Vertical Galva, Alto, Alto Plan*, Alto Line*			Alto Slim	Alto Swing, Alto Tango, Alto Slim	
Type 10	Type 11	Types 20/21	Type 22	Type 11	Type 21	Type 22

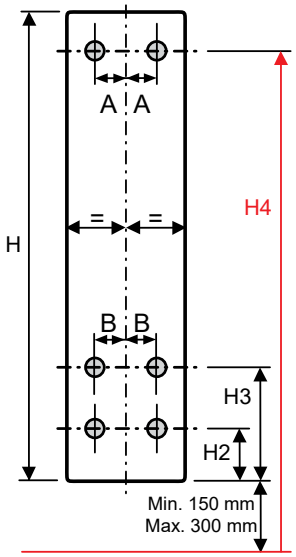


* size +2 mm

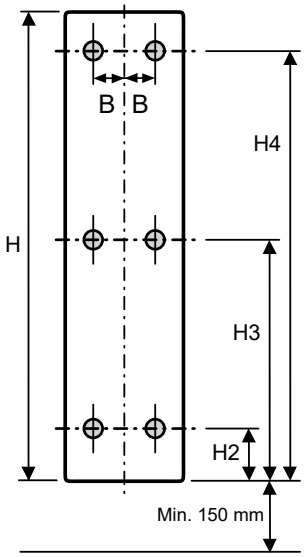
Nominal Height (mm)	Type 10			Type 11			Types 20-22		
	H2	H3	H4	H2	H3	H4	H2	H3	H4
1600	170	270	1500	160	730	1300	70	740	1410
1800	170	270	1700	160	830	1500	70	840	1610
2000	170	270	1900	160	930	1700	70	940	1810
2200	170	270	2100	160	1030	1900	70	1040	2010

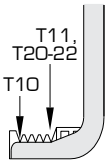
Nominal Height (mm)	Type 10		Type 11	Types 20-22
	A	B	B	B
300	45	75	50	60
400	95	125	80	110
500	145	175	130	160
600	195	225	180	210
700	245	275	230	260

Type 10



Types 11-22





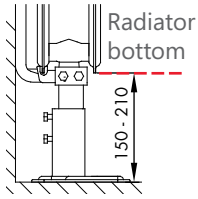
Always refer to the installation instructions and safety regulations before mounting a radiator!

An additional floor support for vertical radiators (types 20-22) is available for weak walls.

A professional inspection of the wall should always be conducted prior to mounting the radiator.

ATTENTION:
Always to be used in combination with the supplied wall brackets!

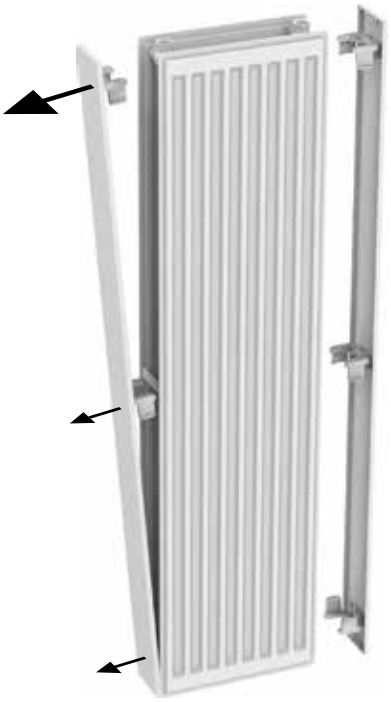
(Art. T1180)



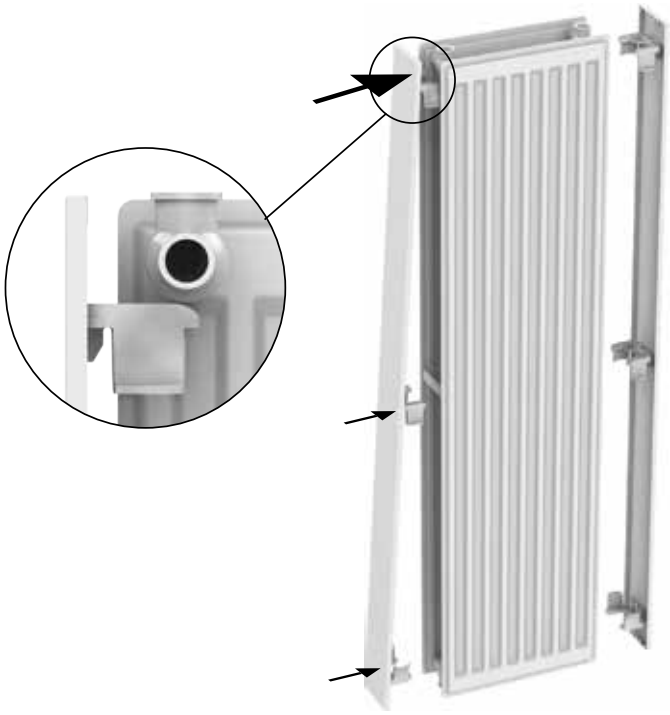
MOUNTING & DISMOUNTING DRESSING

ALTO PLAN · ALTO LINE · VERTICAL GALVA · ALTO (Types 20/21/22)

Dismounting



Mounting



GRILLE ALTO SLIM & BRACKET HIDER

ALTO SLIM

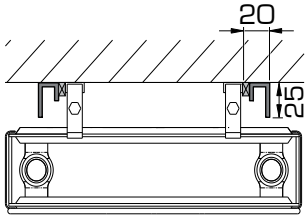
L (mm)	Art. N°. (Type 11)	Art. N°. (Type 21)	Art. N°. (Type 22)
470	R35141104	R35142104	R35142204
570	R35141105	R35142105	R35142205
670	R35141106	R35142106	R35142206

Colour:
SN170 black

ALTO PLAN · ALTO LINE · VERTICAL GALVA · ALTO

Radiator height (mm)	Art. N°.
1600	T117116
1800	T117118
2000	T117120
2200	T117122

Available for radiator types 11, 20, 21 and 22.
colour: Henrad white 9016
Fast and easy subsequent mounting

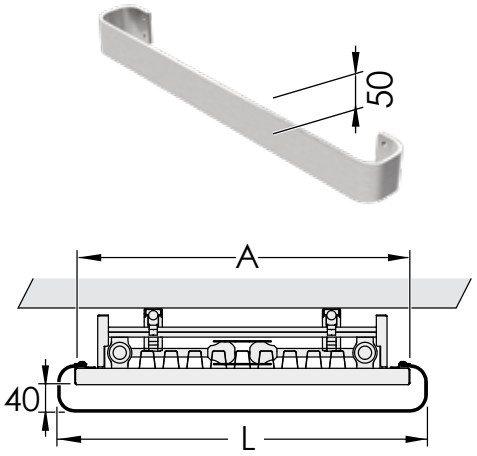


ALTO SLIM

L (mm)	A (mm)	Art. N°. White	Art. N°. Stainless
520	470	T116104	T116204
620	570	T116105	T116205
720	670	T116106	T116206

Finish: brushed stainless steel or white painted (also available in SN170 black)

3 mounting positions (+/-770, 1050 and 1350 mm above radiator bottom), multiple mounting is possible

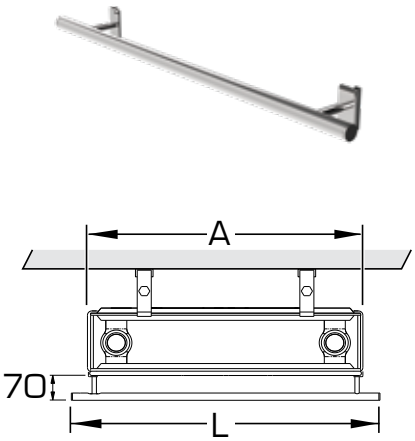


ALTO PLAN · ALTO LINE · VERTICAL GALVA (except type 11)
ALTO (except type 11) · ALTO SLIM* · ALTO SLIM*

L (mm)	A (mm)	Art. N°.
380	300	T116403
480	400 (470*)	T116404
580	500 (570*)	T116405
680	600 (670*)	T116406
780	700	T116407

Finish: chrome, can be mounted at any position, multiple positions possible

* Alto Slim: only with adapter art. T1165

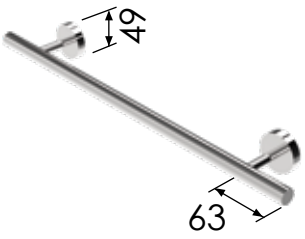


ALTO PLAN · ALTO LINE · ALTO SWING · ALTO TANGO
ALTO SLIM · ALTO PLAN E

L (mm)	A (mm)	Art. N°.
400	**400**	T116604
500	**500**	T116605
600	**600**	T116606
700	**700**	T116607

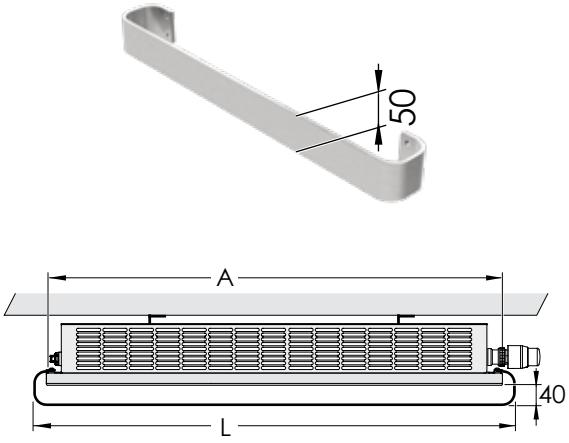
Finish: chrome

Magnetic holders, can be mounted at any position, multiple positions possible



TOWEL RAILS HORIZONTAL RADIATORS

EVEREST SLIM ECO

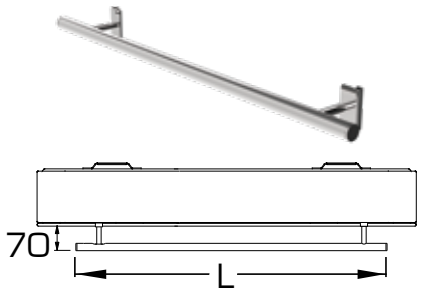


L (mm)	A (mm)	Art. N°. White	Art. N°. Stainless steel
720	670	T116106	T116206
920	870	T116108	T116208
1120	1070	T116110	T116210

Rail width: 50 mm

Finish: brushed stainless steel or white painted aluminum (also available in SN170 black)

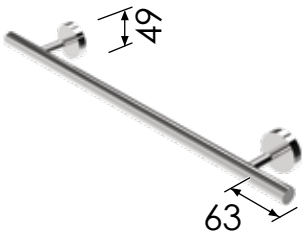
EVEREST PLAN VENTO · COMPACT VENTO · PREMIUM ECO · EVEREST SLIM ECO*
EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8 · EVEREST LINE 8
EVEREST PLAN · COMPACT PLAN · COMPACT LINE · RENO · RENO PLAN
PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN



L (mm)	Art. N°.
380	T116403
480	T116404
580	T116405
680	T116406
780	T116407

Colour: chrome
* Everest Slim ECO: only with adapter art. T1165

EVEREST PLAN VENTO · EVEREST SLIM ECO · EVEREST PLAN ECO · EVEREST LINE ECO
EVEREST PLAN 8 · EVEREST LINE 8 · HYGIENE PLAN 8 · EVEREST PLAN
COMPACT PLAN · COMPACT LINE · RENO PLAN

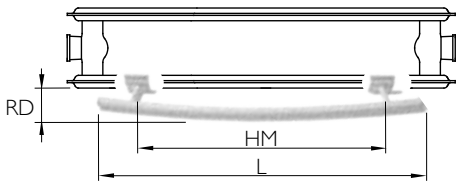


L (mm)	Art. N°.
400	T116604
500	T116605
600	T116606
700	T116607

Finish: chrome

Magnetic holders, can be mounted at any position,
multiple positions possible

COMPACT VENTO · PREMIUM ECO · HYGIENE ECO · ECO GALVA
HYGIENE ECO GALVA · RENO · GALVA · HYGIENE GALVA
HYGIENE · PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN



L (mm) Rail length	Art. N°.	RD (mm)	HM (mm) towel dimension
400	T1149	62	260
500	T1150	66	360
600	T1151	69	460
800	T1152	80	600
1000	T1153	103	800

Mounting & dismounting of dressing: see pages 172 and 173

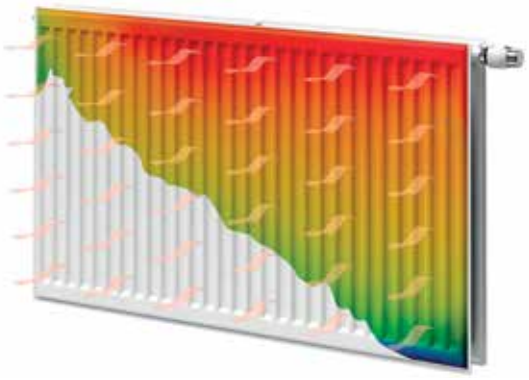
Colour: Henrad white 9016 only

GENERAL INFORMATION

ECO GALVA

The ECO radiator and its serial flow technology are perfectly suited to operate in low-temperature heating systems. This technology (water flows first through the front panel) results in higher energy efficiency, maximum radiation, faster heating rate and less waste of energy through the back wall. In addition, the ECO Galva radiator is treated with a protective galvanised coating, so it can be used without any concerns in wet areas.

Product:	low-temperature valve radiator with serial flow technology, perfectly suited for low-temperature heating systems, specifically developed for environments where hygiene and safety are all-important and equipped with a protective galvanised coating underneath, both a centre and lateral bottom connection and a preset valve insert, which can be fitted on the left or right side of the radiator
Finishing:	protective galvanised coating without top grille or side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. For types 21, 22 and 33 the valve insert can also be fitted on the left side of the radiator. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Connections:	2 x ¾" male Eurocone centre connection and 2 x ½" female lateral bottom connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The product description is shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are galvanised, degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	60 | 77 | 100 | 158 mm



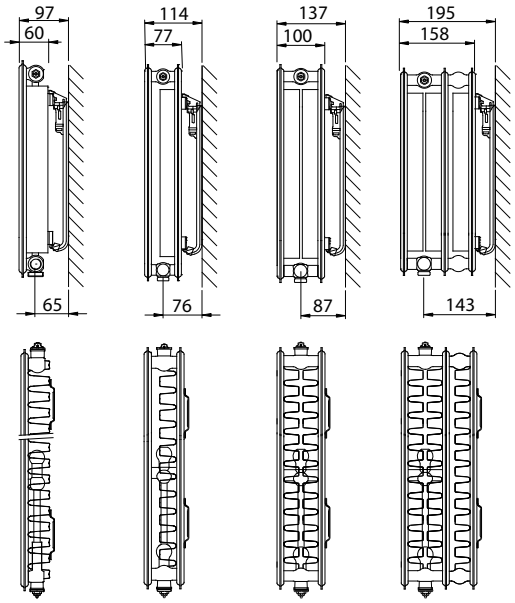
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Height
300	W	517	770	958	1.349	**300**
	kg	8,38	13,85	15,50	22,90	
	l	1,89	3,45	3,45	5,20	
	m²	2,09	2,44	3,51	5,26	
	n	1,31	1,25	1,28	1,27	
400	W	687	978	1.212	1.726	**400**
	kg	11,68	18,28	20,55	30,53	
	l	2,34	4,62	4,62	6,93	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,27	1,29	1,28	
500	W	848	1.174	1.452	2.071	**500**
	kg	14,99	22,72	25,60	38,17	
	l	2,80	5,78	5,78	8,67	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,29	1,30	1,30	
600	W	1.000	1.360	1.679	2.387	**600**
	kg	18,30	27,15	30,65	45,80	
	l	3,25	6,95	6,95	10,40	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,31	1,31	1,31	
700	W	1.142	1.538	1.896	2.674	**700**
	kg	21,33	31,32	35,63	53,18	
	l	3,77	8,12	8,12	11,27	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,32	1,31	1,32	
900	W	1.397	1.872	2.303	3.171	**900**
	kg	27,40	39,65	45,60	67,94	
	l	4,80	10,45	10,45	13,00	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,28	1,29	1,23	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

ECO GALVA

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	154 106 207	233 162 308	288 200 383	407 282 540
500	192 132 259	291 203 385	360 250 479	507 352 675
600	231 158 310	349 243 462	433 300 575	609 423 809
700	270 185 362	407 284 539	505 350 671	711 493 944
800	309 212 414	466 325 616	576 399 766	812 564 1.079
900	347 238 465	524 365 693	649 449 862	914 634 1.214
1000	386 264 517	582 406 770	721 499 958	1.016 705 1.349
1100	424 291 569	640 446 847	793 549 1.054	1.117 775 1.484
1200	462 317 620	698 487 924	865 599 1.150	1.219 846 1.619
1400	540 370 724	815 568 1.078	1.009 699 1.341	1.422 987 1.889
1600		931 649 1.232	1.153 799 1.533	1.625 1.127 2.158
1800		1.048 730 1.386	1.297 899 1.724	1.828 1.268 2.428
2000		1.164 811 1.540	1.441 999 1.916	2.031 1.409 2.698
2200		1.280 892 1.694	1.586 1.099 2.108	2.235 1.550 2.968
2400		1.397 974 1.848	1.730 1.198 2.299	2.438 1.691 3.238
2600			1.874 1.299 2.491	
2800			2.018 1.398 2.682	
3000			2.162 1.498 2.874	

400			
11	21	22	33
205 141 275	294 204 391	364 251 485	518 358 690
257 177 344	368 255 489	455 314 606	648 448 863
308 211 412	442 306 587	546 377 727	778 538 1.036
359 247 481	516 358 685	636 439 848	907 627 1.208
411 282 550	589 408 782	728 503 970	1.037 717 1.381
462 317 618	662 459 880	819 565 1.091	1.166 806 1.553
513 353 687	736 510 978	910 628 1.212	1.296 896 1.726
565 388 756	810 562 1.076	1.000 691 1.333	1.426 986 1.899
616 423 824	884 613 1.174	1.091 754 1.454	1.555 1.075 2.071
719 494 962	1.030 715 1.369	1.273 879 1.697	1.814 1.254 2.416
821 564 1.099	1.178 817 1.565	1.455 1.005 1.939	2.074 1.434 2.762
924 635 1.237	1.325 919 1.760	1.637 1.131 2.182	2.333 1.613 3.107
1.027 705 1.374	1.472 1.021 1.956	1.819 1.256 2.424	2.592 1.792 3.452
	1.620 1.123 2.152	2.001 1.382 2.666	2.851 1.971 3.797
	1.767 1.225 2.347	2.183 1.508 2.909	3.110 2.150 4.142
		2.365 1.633 3.151	
		2.547 1.759 3.394	
		2.729 1.884 3.636	

500			
11	21	22	33
254 175 339	352 243 470	435 299 581	620 427 828
317 219 424	440 304 587	543 374 726	776 534 1.036
381 262 509	528 364 704	652 449 871	931 641 1.243
445 306 594	616 425 822	760 523 1.016	1.086 748 1.450
508 350 678	704 486 939	870 599 1.162	1.241 855 1.657
571 393 763	792 547 1.057	978 673 1.307	1.396 962 1.864
635 437 848	880 607 1.174	1.087 748 1.452	1.551 1.068 2.071
699 481 933	968 668 1.291	1.195 823 1.597	1.706 1.175 2.278
762 525 1.018	1.056 729 1.409	1.304 898 1.742	1.861 1.282 2.485
889 612 1.187	1.232 850 1.644	1.522 1.047 2.033	2.171 1.495 2.899
1.016 700 1.357	1.408 971 1.878	1.739 1.197 2.323	2.482 1.709 3.314
1.143 787 1.526	1.584 1.093 2.113	1.957 1.347 2.614	2.792 1.923 3.728
1.270 874 1.696	1.760 1.214 2.348	2.174 1.496 2.904	3.102 2.137 4.142
1.397 962 1.866	1.936 1.336 2.583	2.391 1.646 3.194	3.412 2.350 4.556
1.524 1.049 2.035	2.113 1.457 2.818	2.609 1.796 3.485	3.722 2.564 4.970
		2.826 1.945 3.775	
		3.043 2.095 4.066	
		3.260 2.244 4.356	

HENRAD NV:PL20/0002/E001

ECO GALVA

On the label:
GALVA ECO T11-33: Art. 0695 09 22 04
0695 — H900 — T22 — L400

Height	600			
Type	11	21	22	33
400	300 207 400	406 279 544	502 344 672	713 490 955
500	375 259 500	508 348 680	627 430 840	892 612 1.194
600	450 311 600	609 418 816	752 516 1.007	1.069 734 1.432
700	525 363 700	711 488 952	877 602 1.175	1.248 857 1.671
800	600 414 800	812 557 1.088	1.003 688 1.343	1.426 979 1.910
900	675 466 900	914 627 1.224	1.128 774 1.511	1.604 1.101 2.148
1000	750 518 1.000	1.015 697 1.360	1.254 860 1.679	1.783 1.224 2.387
1100	825 570 1.100	1.117 766 1.496	1.379 946 1.847	1.961 1.346 2.626
1200	900 621 1.200	1.218 836 1.632	1.504 1.032 2.015	2.139 1.468 2.864
1400	1.050 725 1.400	1.422 975 1.904	1.755 1.204 2.351	2.496 1.713 3.342
1600	1.200 829 1.600	1.625 1.115 2.176	2.005 1.376 2.686	2.852 1.958 3.819
1800	1.350 932 1.800	1.828 1.254 2.448	2.256 1.548 3.022	3.209 2.203 4.297
2000	1.500 1.036 2.000	2.031 1.393 2.720	2.507 1.720 3.358	3.565 2.447 4.774
2200	1.650 1.139 2.200	2.234 1.533 2.992	2.758 1.892 3.694	3.922 2.692 5.251
2400	1.800 1.243 2.400	2.437 1.672 3.264	3.009 2.064 4.030	4.279 2.937 5.729
2600			3.259 2.236 4.365	
2800			3.510 2.408 4.701	
3000			3.761 2.580 5.037	

700			
11	21	22	33
343 237 457	459 314 615	566 388 758	797 545 1.070
428 296 571	573 393 769	707 485 948	996 681 1.337
514 355 685	688 471 923	849 582 1.138	1.195 817 1.604
599 414 799	803 550 1.077	990 679 1.327	1.394 953 1.872
686 473 914	917 628 1.230	1.132 776 1.517	1.593 1.089 2.139
771 532 1.028	1.032 707 1.384	1.273 872 1.706	1.793 1.226 2.407
857 591 1.142	1.147 786 1.538	1.415 970 1.896	1.991 1.362 2.674
942 650 1.256	1.262 864 1.692	1.556 1.067 2.086	2.190 1.498 2.941
1.028 709 1.370	1.376 943 1.846	1.697 1.163 2.275	2.390 1.634 3.209
1.199 828 1.599	1.605 1.100 2.153	1.980 1.357 2.654	2.788 1.907 3.744
1.370 946 1.827	1.835 1.257 2.461	2.264 1.551 3.034	3.186 2.179 4.278
1.542 1.064 2.056	2.064 1.414 2.768	2.546 1.745 3.413	3.584 2.451 4.813
1.713 1.182 2.284	2.294 1.571 3.076	2.829 1.939 3.792	3.983 2.724 5.348

900			
11	21	22	33
419 289 559	564 390 749	691 477 921	963 676 1.268
523 361 699	704 488 936	864 596 1.152	1.205 845 1.586
628 433 838	845 585 1.123	1.036 715 1.382	1.445 1.014 1.903
733 506 978	986 683 1.310	1.209 834 1.612	1.686 1.183 2.220
838 578 1.118	1.127 781 1.498	1.381 953 1.842	1.927 1.352 2.537
942 650 1.257	1.268 878 1.685	1.555 1.073 2.073	2.168 1.520 2.854
1.047 723 1.397	1.408 976 1.872	1.727 1.192 2.303	2.408 1.689 3.171
1.152 795 1.537	1.549 1.073 2.059	1.900 1.311 2.533	2.649 1.858 3.488
1.257 867 1.676	1.690 1.171 2.246	2.073 1.430 2.764	2.890 2.027 3.805
1.467 1.012 1.956	1.972 1.366 2.621	2.418 1.668 3.224	3.372 2.365 4.439
1.676 1.156 2.235	2.253 1.561 2.995	2.763 1.907 3.685	3.854 2.703 5.074
1.886 1.301 2.515	2.535 1.757 3.370	3.108 2.145 4.145	4.335 3.041 5.708
2.095 1.445 2.794	2.817 1.952 3.744	3.454 2.383 4.606	4.817 3.379 6.342

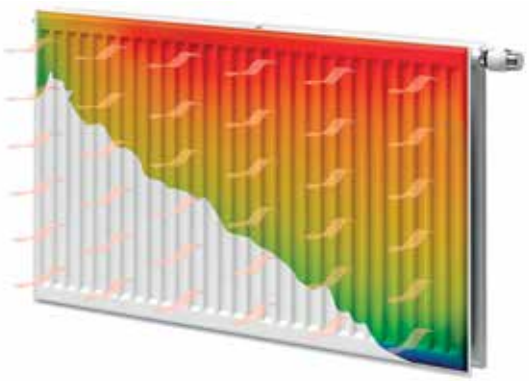
HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

HYGIENE ECO GALVA

The ECO radiator and its serial flow technology are perfectly suited to operate in low-temperature heating systems. This technology (water flows first through the front panel) results in higher energy efficiency, maximum radiation, faster heating rate and less waste of energy through the back wall. In addition, the Hygiene ECO Galva radiator is treated with a protective galvanised coating, so it can be used without any concerns in wet areas.

Product:	low-temperature valve radiator with serial flow technology, perfectly suited for low-temperature heating systems, specifically developed for environments where hygiene and safety are all-important and equipped with a protective galvanised coating underneath, both a centre and lateral bottom connection and a preset valve insert, which can be fitted on the left or right side of the radiator
Finishing:	protective galvanised coating without top grille or side panels and without convection fins
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, ECO air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. For types 20 and 30 the valve insert can also be fitted on the left side of the radiator. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Connections:	2 x ¾" male Eurocone centre connection and 2 x ½" female lateral bottom connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The product description is shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are galvanised, degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	10 | 20 | 30
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	47 | 77 | 158 mm



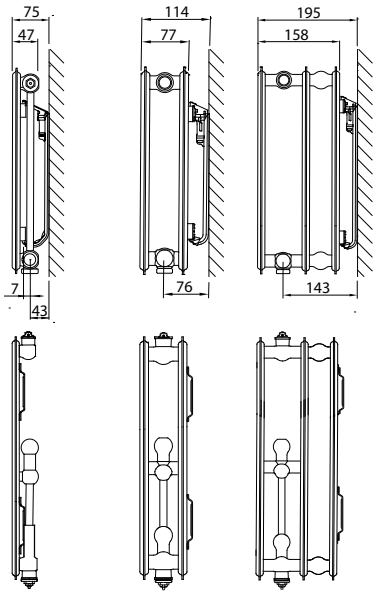
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T20	T30	Height
300	W	338	585	867	**300**
	kg	6,17	11,57	17,80	
	l	1,89	3,71	5,50	
	m²	0,68	1,37	2,04	
	n	1,28	1,27	1,30	
400	W	430	732	1.074	**400**
	kg	8,22	15,35	23,27	
	l	2,34	4,71	7,07	
	m²	0,91	1,83	2,73	
	n	1,29	1,28	1,30	
500	W	521	879	1.275	**500**
	kg	10,28	19,12	28,73	
	l	2,80	5,70	8,63	
	m²	1,14	2,28	3,42	
	n	1,30	1,28	1,30	
600	W	610	1.023	1.470	**600**
	kg	12,33	22,90	34,20	
	l	3,25	6,70	10,20	
	m²	1,37	2,74	4,11	
	n	1,31	1,29	1,31	
700	W	699	1.167	1.659	**700**
	kg	14,19	26,83	40,10	
	l	3,77	7,57	11,33	
	m²	1,60	3,20	4,79	
	n	1,32	1,29	1,31	
900	W	877	1.458	2.034	**900**
	kg	17,90	34,70	51,90	
	l	4,80	9,30	13,60	
	m²	2,06	4,12	6,17	
	n	1,33	1,30	1,32	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HYGIENE ECO GALVA

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	300			400			500		
Type	10	20	30	10	20	30	10	20	30
400		176 122 234	260 179 347		220 153 293	322 221 430		264 183 352	381 262 510
500	127 88 169	220 153 293	325 224 434	161 111 215	275 191 366	402 276 537	194 134 261	331 229 440	477 328 638
600	152 105 203	264 183 351	389 268 520	193 133 258	330 229 439	482 331 644	234 161 313	396 274 527	572 393 765
700	178 123 237	309 214 410	454 313 607	226 155 301	385 267 512	563 387 752	273 188 365	462 319 615	667 458 893
800	203 140 270	352 245 468	520 358 694	258 178 344	441 305 586	643 442 859	312 214 417	528 365 703	763 524 1.020
900	228 158 304	396 275 527	584 402 780	290 200 387	496 343 659	723 498 967	351 241 469	594 411 791	858 590 1.148
1000	254 176 338	441 306 585	649 447 867	322 222 430	551 381 732	804 553 1.074	389 268 521	660 457 879	953 655 1.275
1100	279 193 372	485 336 644	714 492 954	354 244 473	605 419 805	884 608 1.181	428 294 573	726 502 967	1.048 720 1.403
1200	305 211 406	529 367 702	779 536 1.040	387 267 516	660 457 878	964 663 1.289	467 321 625	793 548 1.055	1.144 786 1.530
1400	355 246 473	617 428 819	909 626 1.214	451 311 602	771 534 1.025	1.125 774 1.504	545 375 729	925 639 1.231	1.334 917 1.785
1600		705 489 936	1.038 715 1.387	516 355 688	881 610 1.171	1.285 884 1.718	623 428 834	1.056 730 1.406	1.525 1.048 2.040
1800		793 550 1.053	1.169 805 1.561	580 400 774	991 687 1.318	1.446 995 1.933	701 482 938	1.188 822 1.582	1.716 1.179 2.295
2000		881 611 1.170	1.298 894 1.734	644 444 860	1.101 763 1.464	1.607 1.106 2.148	779 535 1.042	1.321 913 1.758	1.906 1.310 2.550
2200		969 672 1.287	1.428 983 1.907		1.211 839 1.610	1.768 1.216 2.363	857 589 1.146	1.453 1.005 1.934	2.097 1.441 2.805
2400		1.057 734 1.404	1.558 1.073 2.081		1.321 915 1.757	1.929 1.327 2.578	934 642 1.250	1.585 1.096 2.110	2.288 1.572 3.060
2600		1.145 795 1.521			1.431 991 1.903			1.716 1.187 2.285	
2800		1.234 856 1.638			1.542 1.068 2.050			1.849 1.278 2.461	
3000		1.322 917 1.755			1.652 1.144 2.196			1.981 1.370 2.637	

HENRAD NV:PL20/0002/E001

HYGIENE ECO GALVA

On the label:
GALVA ECO T10-30: 0695 H900 T20 L400

Art. 0695 09 20 04

Height	600		
Type	10	20	30
400		307 212 409	439 302 588
500	227 156 305	384 265 512	549 377 735
600	273 187 366	461 318 614	659 452 882
700	318 218 427	537 371 716	769 528 1.029
800	364 249 488	614 424 818	879 603 1.176
900	409 281 549	691 477 921	988 679 1.323
1000	455 312 610	768 530 1.023	1.098 754 1.470
1100	500 343 671	844 583 1.125	1.208 829 1.617
1200	546 374 732	921 636 1.228	1.318 905 1.764
1400	637 436 854	1.074 742 1.432	1.537 1.056 2.058
1600	728 499 976	1.228 848 1.637	1.757 1.206 2.352
1800	819 561 1.098	1.381 954 1.841	1.977 1.357 2.646
2000	910 623 1.220	1.535 1.060 2.046	2.196 1.508 2.940
2200	1.001 686 1.342	1.689 1.166 2.251	2.416 1.659 3.234
2400	1.092 748 1.464	1.842 1.272 2.455	2.636 1.810 3.528
2600		1.996 1.378 2.660	
2800		2.149 1.484 2.864	
3000		2.303 1.590 3.069	

700		
10	20	30
	350 241 467	496 340 664
261 178 350	438 302 584	620 425 830
312 214 419	525 362 700	743 510 995
364 249 489	612 422 817	867 595 1.161
416 285 559	700 482 934	991 680 1.327
469 321 629	787 542 1.050	1.115 765 1.493
521 356 699	874 603 1.167	1.238 850 1.659
573 392 769	962 663 1.284	1.362 935 1.825
625 428 839	1.049 723 1.400	1.486 1.020 1.991
729 499 979	1.224 844 1.634	1.734 1.190 2.323
833 570 1.118	1.399 964 1.867	1.981 1.359 2.654
937 641 1.258	1.574 1.085 2.101	2.229 1.529 2.986
1.041 712 1.398	1.749 1.206 2.334	2.477 1.699 3.318

900		
10	20	30
	436 299 583	607 415 814
325 222 439	545 374 729	758 519 1.017
391 267 526	654 449 875	909 623 1.220
456 311 614	763 524 1.021	1.061 727 1.424
522 356 702	872 599 1.166	1.213 830 1.627
586 400 789	981 674 1.312	1.365 935 1.831
652 444 877	1.090 749 1.458	1.516 1.038 2.034
717 489 965	1.199 824 1.604	1.667 1.142 2.237
782 533 1.052	1.308 899 1.750	1.820 1.246 2.441
913 622 1.228	1.526 1.048 2.041	2.123 1.454 2.848
1.043 711 1.403	1.744 1.198 2.333	2.426 1.661 3.254
1.173 800 1.579	1.961 1.348 2.624	2.729 1.868 3.661
1.303 889 1.754	2.180 1.497 2.916	3.032 2.076 4.068

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

PREMIUM PLINTH

The Premium Plinth radiator can offer a welcome and attractive solution for locations where you would initially think that a radiator could not be fitted. The cold air close to a window is transformed into cosy warmth.
With its discrete presence this radiator is often used in both private home projects and modern office environments.
Moreover this radiator can be connected either as a valve or as a compact radiator.

Product:	the fully encased valve radiator with a height of 200 mm
Finishing:	upper grille and side panels
Pre-installed:	adjustable Heimeier valve insert type 4368
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm.
Also supplied:	air vent and blind plugs
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included).
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	22 | 33 | 44
Height:	200 mm
Lengths:	1.000 – 2.600 mm
Depths:	100 | 158 | 216 mm

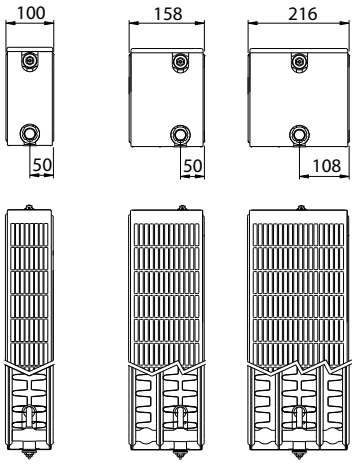
CE
2010

TYPE OVERVIEW PREMIUM PLINTH

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T22	T33	T44	Centre distance
200	W	651	933	1.212	150
	kg	9,67	15,40	20,80	
	l	2,83	4,20	5,60	
	m²	2,05	3,08	4,10	
	n	1,30	1,29	1,30	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HEAT OUTPUTS IN WATT ACCORDING TO EN442

On the label:
H200 T22-44: Art. 0168 02 22 12
0168 — H200
02 — T22
22 — L1200

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	200			Height
Type	22	33	44	Type
1000	487 335 651	699 482 933	906 623 1.212	1000
1200	584 402 781	840 579 1.120	1.087 748 1.454	1200
1400	681 468 911	979 675 1.306	1.269 873 1.697	1400
1600	779 536 1.042	1.119 772 1.493	1.450 997 1.939	1600
1800	877 603 1.172	1.259 868 1.679	1.632 1.122 2.182	1800
2000	974 670 1.302	1.399 965 1.866	1.813 1.246 2.424	2000
2200	1.071 736 1.432	1.539 1.061 2.053	1.994 1.371 2.666	2200
2400	1.168 803 1.562	1.678 1.157 2.239	2.175 1.496 2.909	2400
2600	1.266 871 1.693	1.818 1.254 2.426	2.356 1.620 3.151	2600

HENRAD NV-PL20/0002/E001

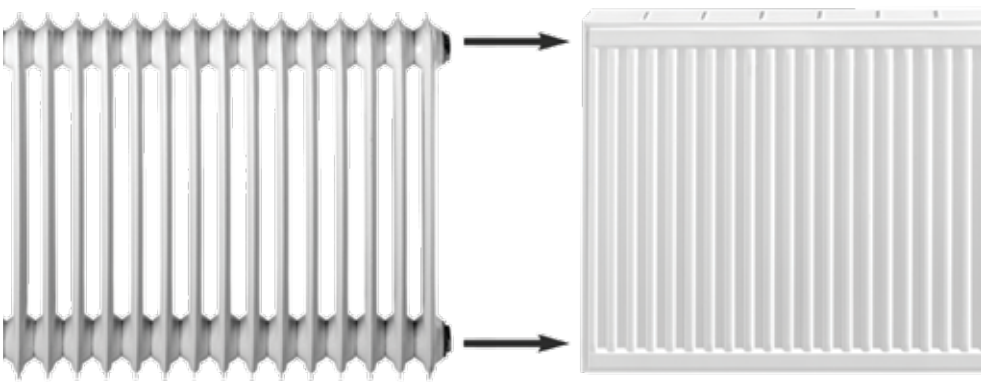
10 YEAR WARRANTY

GENERAL INFORMATION

RENO

The compact radiator with a very specific centre distance to replace old cast-iron and ribbed radiators while using the existing piping system.

Product:	the fully encased compact radiator specifically developed for the renovation market
Finishing:	upper grille and side panels
Also supplied:	installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	21 | 22 | 33
Heights:	550 | 950 mm
Lengths:	400 – 3.000 mm
Depths:	77 | 100 | 158 mm



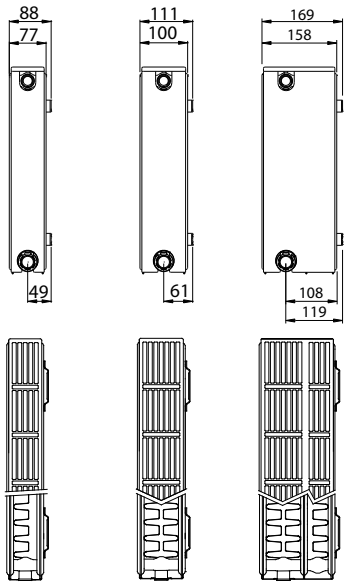
CE
2005

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T21	T22	T33	Centre distance
550	W	1.250	1.614	2.224	**500**
	kg	27,21	31,97	47,95	
	l	5,94	6,12	9,07	
	m²	4,78	7,04	10,55	
	n	1,34	1,33	1,32	
950	W	1.906	2.406	3.427	**900**
	kg	45,00	53,50	78,00	
	l	10,10	10,05	15,30	
	m²	8,52	12,68	19,02	
	n	1,33	1,34	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

RENO

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

On the label:
RENO T21-33: Art. 0219 0950 22 0400
0219 — H950 — T22 — L400

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	550		
Type	21	22	33
400	371 253 500	480 327 646	663 453 890
500	464 316 625	599 408 807	828 566 1.112
600	557 379 750	719 490 968	993 679 1.334
700	649 442 875	839 572 1.130	1.159 793 1.557
800	742 505 1.000	959 653 1.291	1.325 906 1.779
900	835 568 1.125	1.079 735 1.453	1.491 1.019 2.002
1000	928 631 1.250	1.199 817 1.614	1.656 1.132 2.224
1100	1.020 695 1.375	1.318 898 1.775	1.821 1.245 2.446
1200	1.113 758 1.500	1.439 980 1.937	1.987 1.359 2.669
1400	1.299 884 1.750	1.678 1.144 2.260	2.319 1.585 3.114
1600	1.484 1.010 2.000	1.918 1.307 2.582	2.649 1.811 3.558
1800	1.670 1.137 2.250	2.157 1.470 2.905	2.981 2.038 4.003
2000	1.855 1.263 2.500	2.397 1.634 3.228	3.312 2.264 4.448
2200	2.041 1.389 2.750	2.637 1.797 3.551	3.643 2.491 4.893
2400	2.226 1.516 3.000	2.877 1.961 3.874	3.975 2.717 5.338
2600		3.116 2.124 4.196	
2800		3.356 2.287 4.519	
3000		3.596 2.451 4.842	

950			Height
21	22	33	Type
567 387 762	714 486 962	1.016 691 1.371	400
709 484 953	893 608 1.203	1.270 863 1.714	500
851 581 1.144	1.072 730 1.444	1.524 1.036 2.056	600
992 677 1.334	1.250 851 1.684	1.778 1.208 2.399	700
1.134 774 1.525	1.429 973 1.925	2.032 1.381 2.742	800
1.275 870 1.715	1.607 1.094 2.165	2.286 1.554 3.084	900
1.417 967 1.906	1.786 1.216 2.406	2.540 1.726 3.427	1000
1.559 1.064 2.097	1.965 1.338 2.647	2.794 1.899 3.770	1100
1.701 1.161 2.287	2.143 1.459 2.887	3.048 2.071 4.112	1200
1.984 1.354 2.668	2.500 1.702 3.368	3.556 2.417 4.798	1400
2.268 1.548 3.050	2.858 1.946 3.850	4.064 2.762 5.483	1600
2.551 1.741 3.431	3.215 2.189 4.331	4.572 3.108 6.169	1800
2.835 1.935 3.812	3.572 2.432 4.812	5.080 3.453 6.854	2000
			2200
			2400
			2600
			2800
			3000

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

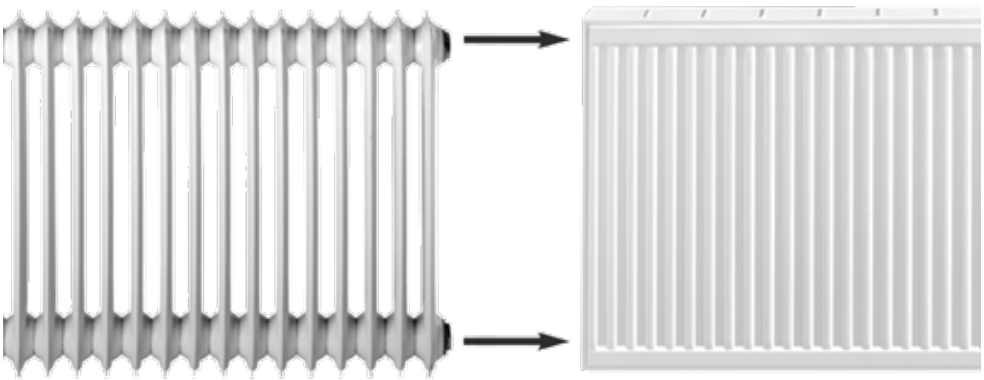
COMPARED TO RENO AND RENO PLAN IN W/M, ESTIMATED CALCULATION

DIN 4720 cast iron radiators						Renovation radiator:		Reno		Reno Plan	
BH Height	NA centre distance	BT Depth	Heat output according to DIN4703			BH Height	NA centre distance	heat output according to EN442			
			90/70/20° C	70/55/20° C	70/55/20° C			70/55/20° C		70/55/20° C	
			element BL 60 mm watt per element		DIN cast iron 17 elements (L= 1020 mm)			Type	W/m	Type	W/m
580	500	70	68 W	43 W	731 W	550	500	21	996 W	21	916 W
		110	92 W	58 W	986 W			21	996 W	22	1.219 W
		160	126 W	81 W	1.377 W			22	1.287 W	33	1.734 W
		220	162 W	104 W	1.768 W			33	1.777 W	33	1.734 W
980	900	70	111 W	71 W	1.207 W	950	900	21	1.522 W	21	1.453 W
		160	204 W	131 W	2.227 W			33	2.729 W	33	2.612 W
		220	260 W	166 W	2.822 W			33	2.729 W	33	2.612 W

DIN 4722 steel radiators						Renovation radiator:		Reno		Reno Plan	
BH Height	NA centre distance	BT Depth	Heat output according to DIN4703			BH Height	NA centre distance	heat output according to EN442			
			90/70/20° C	70/55/20° C	70/55/20° C			70/55/20° C		70/55/20° C	
			DIN 4722 steel radiators		DIN cast iron 20 elements			Type	W/m	Type	W/m
600	500	110	73 W	47 W	940 W	550	500	21	996 W	22	1.219 W
		160	99 W	63 W	1.260 W			22	1.287 W	22	1.219 W
		220	128 W	82 W	1.640 W			33	1.777 W	33	1.734 W
1000	900	110	122 W	78 W	1.560 W	950	900	21	1.522 W	21	1.453 W
		160	157 W	100 W	2.000 W			22	1.918 W	33	2.612 W
		220	204 W	130 W	2.600 W			33	2.729 W	33	2.612 W

Example: Replacement of a DIN Steel radiator 20/500/160. System temperature 70/55° C,
Total heat output for 20 elements x 63 W = 1.260 W.

Selected: Renovation radiator Reno 22/550/1000 = 1.287 W

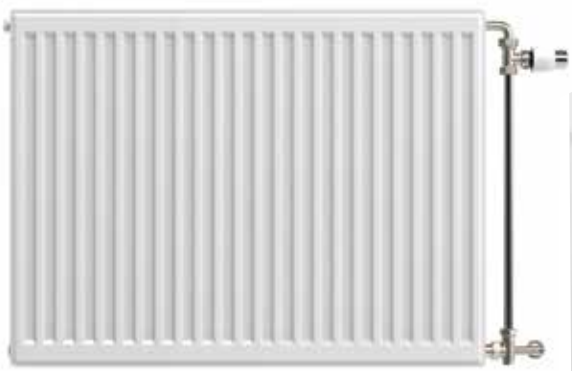


GENERAL INFORMATION

GALVA

A standard steel panel radiator with an extra protective galvanised coating for humid spaces.
The ideal panel radiator for your bathroom.

Product:	the naked panel radiator with a protective galvanised coating
Finishing:	protective galvanised coating
Also supplied:	L-brackets, screws, plugs, blind plug, air vent and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	60 | 77 | 100 | 158 mm



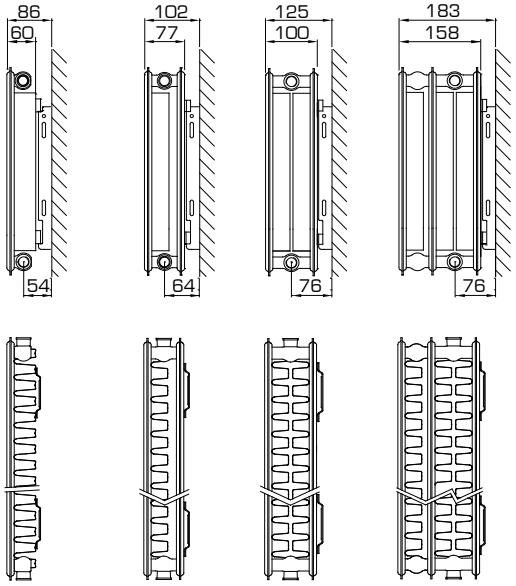
CE
2005

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W	517	776	1.012	1.418	**250**
	kg	8,38	13,71	15,90	23,80	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,31	1,33	1,33	1,32	
400	W	687	1.000	1.281	1.805	**350**
	kg	11,68	18,78	21,83	32,67	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,33	1,33	1,33	
500	W	848	1.210	1.535	2.169	**450**
	kg	14,99	23,84	27,77	41,53	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,33	1,33	1,34	
600	W	1.000	1.409	1.778	2.514	**550**
	kg	18,30	28,90	33,70	50,40	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,33	1,33	1,35	
700	W	1.142	1.597	2.011	2.841	**650**
	kg	21,33	33,50	39,13	58,47	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,35	
900	W	1.397	1.941	2.453	3.448	**850**
	kg	27,40	42,70	50,00	74,60	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,36	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

GALVA

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	154 106 207	230 157 310	301 205 405	423 290 567
500	192 132 259	288 197 388	376 256 506	529 362 709
600	231 158 310	346 236 466	451 307 607	635 435 851
700	270 185 362	404 275 543	526 358 708	740 507 993
800	309 212 414	462 315 621	602 410 810	846 579 1.134
900	347 238 465	519 354 698	677 461 911	951 652 1.276
1000	386 264 517	577 394 776	752 512 1.012	1.057 724 1.418
1100	424 291 569	635 433 854	827 563 1.113	1.163 797 1.560
1200	462 317 620	692 472 931	902 614 1.214	1.269 869 1.702
1400	540 370 724	807 551 1.086	1.052 717 1.417	1.480 1.014 1.985
1600		923 630 1.242	1.202 819 1.619	1.692 1.159 2.269
1800		1.038 709 1.397	1.353 922 1.822	1.903 1.303 2.552
2000		1.154 787 1.552	1.503 1.024 2.024	2.115 1.448 2.836
2200		1.269 866 1.707	1.653 1.127 2.226	2.326 1.593 3.120
2400		1.384 944 1.862	1.804 1.229 2.429	2.537 1.738 3.403
2600			1.954 1.332 2.631	
2800			2.105 1.434 2.834	
3000			2.255 1.537 3.036	

	400			
	11	21	22	33
	205 141 275	297 203 400	380 259 512	537 367 722
	257 177 344	372 254 500	475 324 641	671 458 903
	308 211 412	446 304 600	571 389 769	806 550 1.083
	359 247 481	520 355 700	666 454 897	940 642 1.264
	411 282 550	595 406 800	761 519 1.025	1.074 733 1.444
	462 317 618	669 457 900	857 584 1.153	1.208 825 1.625
	513 353 687	743 507 1.000	952 649 1.281	1.343 917 1.805
	565 388 756	818 558 1.100	1.047 713 1.409	1.477 1.009 1.986
	616 423 824	892 609 1.200	1.142 778 1.537	1.611 1.100 2.166
	719 494 962	1.041 710 1.400	1.332 908 1.793	1.880 1.284 2.527
	821 564 1.099	1.190 812 1.600	1.523 1.038 2.050	2.148 1.467 2.888
	924 635 1.237	1.338 913 1.800	1.713 1.168 2.306	2.417 1.650 3.249
	1.027 705 1.374	1.487 1.015 2.000	1.903 1.297 2.562	2.685 1.834 3.610
		1.636 1.116 2.200	2.093 1.427 2.818	2.954 2.017 3.971
		1.784 1.218 2.400	2.284 1.557 3.074	3.222 2.200 4.332
			2.474 1.687 3.331	
			2.665 1.816 3.587	
			2.855 1.946 3.843	

	500			
	11	21	22	33
	254 175 339	360 246 484	456 311 614	644 439 868
	317 219 424	450 307 605	571 389 768	804 548 1.085
	381 262 509	540 368 726	684 467 921	965 657 1.301
	445 306 594	630 430 847	798 544 1.075	1.127 767 1.518
	508 350 678	720 491 968	912 622 1.228	1.288 877 1.735
	571 393 763	810 553 1.089	1.027 700 1.382	1.449 986 1.952
	635 437 848	900 614 1.210	1.140 778 1.535	1.610 1.096 2.169
	699 481 933	990 675 1.331	1.254 855 1.689	1.771 1.205 2.386
	762 525 1.018	1.080 737 1.452	1.369 933 1.842	1.932 1.315 2.603
	889 612 1.187	1.260 860 1.694	1.597 1.089 2.149	2.254 1.534 3.037
	1.016 700 1.357	1.440 983 1.936	1.825 1.244 2.456	2.575 1.753 3.470
	1.143 787 1.526	1.619 1.105 2.178	2.053 1.400 2.763	2.897 1.972 3.904
	1.270 874 1.696	1.799 1.228 2.420	2.281 1.555 3.070	3.219 2.192 4.338
	1.397 962 1.866	1.979 1.351 2.662	2.509 1.711 3.377	3.541 2.411 4.772
	1.524 1.049 2.035	2.159 1.474 2.904	2.737 1.866 3.684	3.863 2.630 5.206
			2.965 2.022 3.991	
			3.193 2.177 4.298	
			3.421 2.333 4.605	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

GALVA

On the label:
4-CONNECTIONS NAKED GALVA T11-33: 0107 H900 T22 L400

Art. 0107 09 22 04

Height	600			
Type	11	21	22	33
400	300 207 400	419 286 564	528 360 711	745 505 1.006
500	375 259 500	524 357 705	661 451 889	931 632 1.257
600	450 311 600	628 429 845	793 541 1.067	1.116 758 1.508
700	525 363 700	733 501 986	925 631 1.245	1.303 884 1.760
800	600 414 800	838 572 1.127	1.057 721 1.422	1.489 1.010 2.011
900	675 466 900	943 644 1.268	1.189 811 1.600	1.675 1.137 2.263
1000	750 518 1.000	1.048 715 1.409	1.321 901 1.778	1.861 1.263 2.514
1100	825 570 1.100	1.153 787 1.550	1.454 991 1.956	2.047 1.389 2.765
1200	900 621 1.200	1.258 858 1.691	1.586 1.081 2.134	2.234 1.516 3.017
1400	1.050 725 1.400	1.467 1.002 1.973	1.850 1.261 2.489	2.606 1.769 3.520
1600	1.200 829 1.600	1.676 1.144 2.254	2.114 1.442 2.845	2.978 2.021 4.022
1800	1.350 932 1.800	1.886 1.287 2.536	2.378 1.622 3.200	3.350 2.274 4.525
2000	1.500 1.036 2.000	2.096 1.431 2.818	2.642 1.802 3.556	3.722 2.526 5.028
2200	1.650 1.139 2.200	2.305 1.574 3.100	2.907 1.982 3.912	4.095 2.779 5.531
2400	1.800 1.243 2.400	2.515 1.717 3.382	3.171 2.162 4.267	4.467 3.032 6.034
2600			3.435 2.343 4.623	
2800			3.699 2.523 4.978	
3000			3.964 2.703 5.334	

700			
11	21	22	33
343 237 457	474 323 639	597 406 804	840 569 1.136
428 296 571	592 403 799	747 508 1.006	1.050 711 1.421
514 355 685	711 484 958	896 610 1.207	1.260 854 1.705
599 414 799	830 565 1.118	1.045 711 1.408	1.470 996 1.989
686 473 914	948 646 1.278	1.194 813 1.609	1.680 1.138 2.273
771 532 1.028	1.066 726 1.437	1.343 914 1.810	1.890 1.280 2.557
857 591 1.142	1.185 807 1.597	1.492 1.016 2.011	2.100 1.422 2.841
942 650 1.256	1.304 888 1.757	1.641 1.117 2.212	2.310 1.564 3.125
1.028 709 1.370	1.422 968 1.916	1.791 1.219 2.413	2.520 1.707 3.409
1.199 828 1.599	1.659 1.130 2.236	2.089 1.422 2.815	2.940 1.991 3.977
1.370 946 1.827	1.896 1.291 2.555	2.388 1.626 3.218	3.360 2.276 4.546
1.542 1.064 2.056	2.134 1.452 2.875	2.686 1.829 3.620	3.780 2.560 5.114
1.713 1.182 2.284	2.370 1.614 3.194	2.985 2.032 4.022	4.200 2.845 5.682

900			
11	21	22	33
419 289 559	573 388 776	726 492 981	1.016 685 1.379
523 361 699	717 485 971	907 615 1.227	1.270 857 1.724
628 433 838	861 583 1.165	1.089 739 1.472	1.524 1.028 2.069
733 506 978	1.004 680 1.359	1.271 862 1.717	1.779 1.200 2.414
838 578 1.118	1.148 777 1.553	1.452 985 1.962	2.032 1.371 2.758
942 650 1.257	1.291 874 1.747	1.634 1.108 2.208	2.286 1.542 3.103
1.047 723 1.397	1.434 971 1.941	1.815 1.231 2.453	2.540 1.713 3.448
1.152 795 1.537	1.578 1.068 2.135	1.997 1.354 2.698	2.795 1.885 3.793
1.257 867 1.676	1.721 1.165 2.329	2.179 1.478 2.944	3.049 2.056 4.138
1.467 1.012 1.956	2.008 1.359 2.717	2.541 1.724 3.434	3.556 2.399 4.827
1.676 1.156 2.235	2.295 1.554 3.106	2.904 1.970 3.925	4.065 2.742 5.517
1.886 1.301 2.515	2.582 1.748 3.494	3.267 2.216 4.415	4.572 3.084 6.206
2.095 1.445 2.794	2.869 1.942 3.882	3.630 2.462 4.906	5.081 3.427 6.896

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

HYGIENE GALVA

A standard Hygiene radiator with an extra protective galvanised coating for humid spaces.
The ideal panel radiator for your bathroom.

Product:	the naked panel radiator without convection fins and with a protective galvanised coating
Finishing:	protective galvanised coating, without upper grille and side panels
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, blind plug, air vent and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	10 | 20 | 30
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	47 | 77 | 158 mm

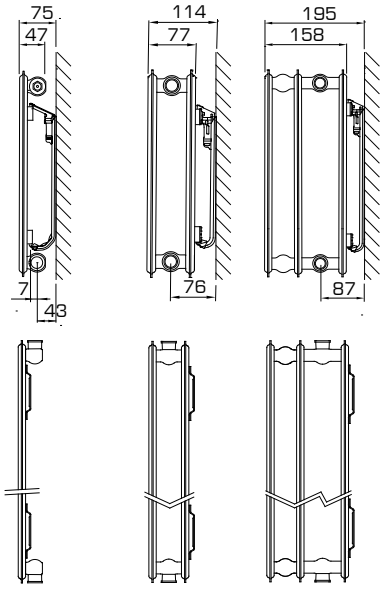
CE
2015

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T20	T30	Centre distance
300	W	338	571	859	**250**
	kg	6,17	11,64	17,90	
	l	1,89	3,70	5,20	
	m²	0,68	1,37	2,04	
	n	1,28	1,34	1,30	
400	W	430	730	1.073	**350**
	kg	8,22	15,86	23,37	
	l	2,34	4,67	6,57	
	m²	0,91	1,83	2,73	
	n	1,29	1,33	1,30	
500	W	521	883	1.277	**450**
	kg	10,28	20,08	28,83	
	l	2,80	5,63	7,93	
	m²	1,14	2,28	3,42	
	n	1,30	1,32	1,31	
600	W	610	1.031	1.474	**550**
	kg	12,33	24,30	34,30	
	l	3,25	6,60	9,30	
	m²	1,37	2,74	4,11	
	n	1,31	1,32	1,31	
700	W	699	1.174	1.666	**650**
	kg	14,19	28,00	40,07	
	l	3,77	7,63	10,67	
	m²	1,60	3,20	4,79	
	n	1,32	1,32	1,32	
900	W	877	1.449	2.039	**850**
	kg	17,90	35,40	51,60	
	l	4,80	9,70	13,40	
	m²	2,06	4,12	6,17	
	n	1,33	1,33	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HYGIENE GALVA

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300		
Type	10	20	30
400	101 70 135	169 115 228	257 177 344
500	127 88 169	212 145 286	322 221 430
600	152 105 203	255 173 343	385 265 515
700	178 123 237	297 202 400	450 309 601
800	203 140 270	339 231 457	514 354 687
900	228 158 304	382 260 514	578 398 773
1000	254 176 338	424 289 571	643 442 859
1100	279 193 372	466 318 628	707 487 945
1200	305 211 406	509 346 685	771 531 1.031
1400	355 246 473	593 404 799	900 619 1.203
1600		679 462 914	1.028 707 1.374
1800		763 520 1.028	1.157 796 1.546
2000		848 577 1.142	1.286 885 1.718
2200		932 635 1.256	1.414 973 1.890
2400		1.017 693 1.370	1.543 1.062 2.062
2600		1.102 751 1.485	
2800		1.187 808 1.599	
3000		1.272 866 1.713	

400		
10	20	30
129 89 172	217 148 292	321 221 429
161 111 215	271 185 365	401 276 537
193 133 258	326 222 438	482 331 644
226 155 301	380 259 511	562 386 751
258 178 344	434 296 584	642 441 858
290 200 387	488 333 657	722 497 966
322 222 430	543 370 730	802 552 1.073
354 244 473	597 407 803	882 607 1.180
387 267 516	651 444 876	963 662 1.288
451 311 602	760 518 1.022	1.123 772 1.502
516 355 688	868 592 1.168	1.284 883 1.717
580 400 774	977 666 1.314	1.444 993 1.931
644 444 860	1.085 740 1.460	1.605 1.103 2.146
	1.194 815 1.606	1.765 1.214 2.361
	1.302 889 1.752	1.925 1.324 2.575
	1.411 963 1.898	
	1.519 1.037 2.044	
	1.628 1.111 2.190	

500		
10	20	30
155 107 208	263 180 353	382 262 511
194 134 261	329 225 442	477 327 639
234 161 313	395 270 530	572 393 766
273 188 365	460 314 618	668 459 894
312 214 417	526 359 706	764 524 1.022
351 241 469	592 404 795	859 590 1.149
389 268 521	657 449 883	954 655 1.277
428 294 573	723 494 971	1.050 721 1.405
467 321 625	789 539 1.060	1.145 786 1.532
545 375 729	920 629 1.236	1.336 918 1.788
623 428 834	1.052 719 1.413	1.527 1.048 2.043
701 482 938	1.183 808 1.589	1.718 1.180 2.299
779 535 1.042	1.315 899 1.766	1.908 1.311 2.554
857 589 1.146	1.446 989 1.943	2.099 1.442 2.809
934 642 1.250	1.577 1.078 2.119	2.290 1.573 3.065
	1.709 1.168 2.296	
	1.840 1.258 2.472	
	1.972 1.348 2.649	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

HYGIENE GALVA

On the label:
4-CONNECTIONS NAKED HYGIENE GALVA T10-30: 0108

Art. 0108 09 20 04
H900
T20
L400

Height	600		
Type	10	20	30
400	182 125 244	307 210 412	441 302 590
500	227 156 305	385 263 516	550 378 737
600	273 187 366	461 316 619	660 453 884
700	318 218 427	538 369 722	771 529 1.032
800	364 249 488	615 421 825	880 604 1.179
900	409 281 549	692 474 928	991 680 1.327
1000	455 312 610	769 526 1.031	1.101 755 1.474
1100	500 343 671	845 579 1.134	1.210 830 1.621
1200	546 374 732	922 631 1.237	1.321 906 1.769
1400	637 436 854	1.076 737 1.443	1.541 1.057 2.064
1600	728 499 976	1.230 842 1.650	1.761 1.208 2.358
1800	819 561 1.098	1.384 947 1.856	1.981 1.359 2.653
2000	910 623 1.220	1.537 1.052 2.062	2.201 1.510 2.948
2200	1.001 686 1.342	1.691 1.158 2.268	2.421 1.662 3.243
2400	1.092 748 1.464	1.844 1.263 2.474	2.642 1.813 3.538
2600		1.999 1.368 2.681	
2800		2.152 1.474 2.887	
3000		2.306 1.579 3.093	

700		
10	20	30
209 143 280	350 239 470	497 340 666
261 178 350	437 299 587	621 425 833
312 214 419	524 359 704	746 511 1.000
364 249 489	612 419 822	869 595 1.166
416 285 559	699 478 939	994 681 1.333
469 321 629	787 539 1.057	1.118 765 1.499
521 356 699	874 598 1.174	1.242 851 1.666
573 392 769	962 658 1.291	1.367 936 1.833
625 428 839	1.049 718 1.409	1.490 1.021 1.999
729 499 979	1.225 838 1.644	1.739 1.191 2.332
833 570 1.118	1.399 957 1.878	1.988 1.361 2.666
937 641 1.258	1.574 1.077 2.113	2.236 1.531 2.999
1.041 712 1.398	1.749 1.196 2.348	2.484 1.701 3.332

900		
10	20	30
261 178 351	431 294 580	607 414 816
325 222 439	538 368 725	758 517 1.020
391 267 526	646 441 869	909 620 1.223
456 311 614	754 515 1.014	1.061 724 1.427
522 356 702	862 588 1.159	1.212 827 1.631
586 400 789	970 662 1.304	1.364 931 1.835
652 444 877	1.078 736 1.449	1.516 1.034 2.039
717 489 965	1.185 809 1.594	1.667 1.138 2.243
782 533 1.052	1.293 883 1.739	1.819 1.241 2.447
913 622 1.228	1.509 1.030 2.029	2.122 1.448 2.855
1.043 711 1.403	1.724 1.177 2.318	2.425 1.655 3.262
1.173 800 1.579	1.940 1.324 2.608	2.728 1.862 3.670
1.303 889 1.754	2.155 1.471 2.898	3.032 2.068 4.078

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

HYGIENE

The Hygiene radiator is a panel radiator without convection fins and without upper grille and side panels. The point of reference for each project where hygiene is of great importance.

Product:	the naked panel radiator without convection fins
Finishing:	without upper grille and side panels
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, blind plug, air vent and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	10 | 20 | 30
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	47 | 77 | 158 mm

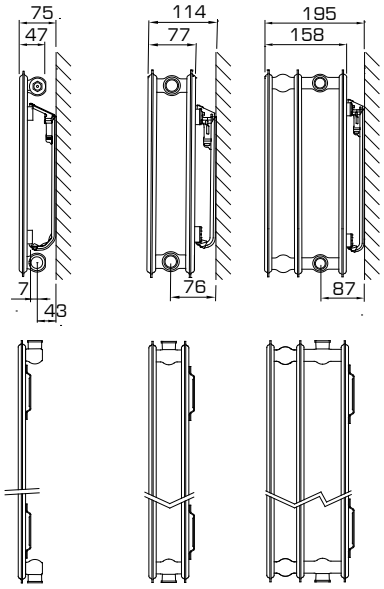
2015

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T20	T30	Centre distance
300	W	338	571	859	**250**
	kg	6,17	11,64	17,90	
	l	1,89	3,70	5,20	
	m²	0,68	1,37	2,04	
	n	1,28	1,34	1,30	
400	W	430	730	1.073	**350**
	kg	8,22	15,86	23,37	
	l	2,34	4,67	6,57	
	m²	0,91	1,83	2,73	
	n	1,29	1,33	1,30	
500	W	521	883	1.277	**450**
	kg	10,28	20,08	28,83	
	l	2,80	5,63	7,93	
	m²	1,14	2,28	3,42	
	n	1,30	1,32	1,31	
600	W	610	1.031	1.474	**550**
	kg	12,33	24,30	34,30	
	l	3,25	6,60	9,30	
	m²	1,37	2,74	4,11	
	n	1,31	1,32	1,31	
700	W	699	1.174	1.666	**650**
	kg	14,19	28,00	40,07	
	l	3,77	7,63	10,67	
	m²	1,60	3,20	4,79	
	n	1,32	1,32	1,32	
900	W	877	1.449	2.039	**850**
	kg	17,90	35,40	51,60	
	l	4,80	9,70	13,40	
	m²	2,06	4,12	6,17	
	n	1,33	1,33	1,33	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

HYGIENE

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			400			500		
Type	10	20	30	10	20	30	10	20	30
400	101 70 135	169 115 228	257 177 344	129 89 172	217 148 292	321 221 429	155 107 208	263 180 353	382 262 511
500	127 88 169	212 145 286	322 221 430	161 111 215	271 185 365	401 276 537	194 134 261	329 225 442	477 327 639
600	152 105 203	255 173 343	385 265 515	193 133 258	326 222 438	482 331 644	234 161 313	395 270 530	572 393 766
700	178 123 237	297 202 400	450 309 601	226 155 301	380 259 511	562 386 751	273 188 365	460 314 618	668 459 894
800	203 140 270	339 231 457	514 354 687	258 178 344	434 296 584	642 441 858	312 214 417	526 359 706	764 524 1.022
900	228 158 304	382 260 514	578 398 773	290 200 387	488 333 657	722 497 966	351 241 469	592 404 795	859 590 1.149
1000	254 176 338	424 289 571	643 442 859	322 222 430	543 370 730	802 552 1.073	389 268 521	657 449 883	954 655 1.277
1100	279 193 372	466 318 628	707 487 945	354 244 473	597 407 803	882 607 1.180	428 294 573	723 494 971	1.050 721 1.405
1200	305 211 406	509 346 685	771 531 1.031	387 267 516	651 444 876	963 662 1.288	467 321 625	789 539 1.060	1.145 786 1.532
1400	355 246 473	593 404 799	900 619 1.203	451 311 602	760 518 1.022	1.123 772 1.502	545 375 729	920 629 1.236	1.336 918 1.788
1600		679 462 914	1.028 707 1.374	516 355 688	868 592 1.168	1.284 883 1.717	623 428 834	1.052 719 1.413	1.527 1.048 2.043
1800		763 520 1.028	1.157 796 1.546	580 400 774	977 666 1.314	1.444 993 1.931	701 482 938	1.183 808 1.589	1.718 1.180 2.299
2000		848 577 1.142	1.286 885 1.718	644 444 860	1.085 740 1.460	1.605 1.103 2.146	779 535 1.042	1.315 899 1.766	1.908 1.311 2.554
2200		932 635 1.256	1.414 973 1.890		1.194 815 1.606	1.765 1.214 2.361	857 589 1.146	1.446 989 1.943	2.099 1.442 2.809
2400		1.017 693 1.370	1.543 1.062 2.062		1.302 889 1.752	1.925 1.324 2.575	934 642 1.250	1.577 1.078 2.119	2.290 1.573 3.065
2600		1.102 751 1.485			1.411 963 1.898			1.709 1.168 2.296	
2800		1.187 808 1.599			1.519 1.037 2.044			1.840 1.258 2.472	
3000		1.272 866 1.713			1.628 1.111 2.190			1.972 1.348 2.649	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

HYGIENE

On the label:
4-CONNECTIONS NAKED HYGIENE T10-30: Art. 0204 09 20 04
0204
H900
T20
L400

Height	600		
Type	10	20	30
400	182 125 244	307 210 412	441 302 590
500	227 156 305	385 263 516	550 378 737
600	273 187 366	461 316 619	660 453 884
700	318 218 427	538 369 722	771 529 1.032
800	364 249 488	615 421 825	880 604 1.179
900	409 281 549	692 474 928	991 680 1.327
1000	455 312 610	769 526 1.031	1.101 755 1.474
1100	500 343 671	845 579 1.134	1.210 830 1.621
1200	546 374 732	922 631 1.237	1.321 906 1.769
1400	637 436 854	1.076 737 1.443	1.541 1.057 2.064
1600	728 499 976	1.230 842 1.650	1.761 1.208 2.358
1800	819 561 1.098	1.384 947 1.856	1.981 1.359 2.653
2000	910 623 1.220	1.537 1.052 2.062	2.201 1.510 2.948
2200	1.001 686 1.342	1.691 1.158 2.268	2.421 1.662 3.243
2400	1.092 748 1.464	1.844 1.263 2.474	2.642 1.813 3.538
2600		1.999 1.368 2.681	
2800		2.152 1.474 2.887	
3000		2.306 1.579 3.093	

700		
10	20	30
209 143 280	350 239 470	497 340 666
261 178 350	437 299 587	621 425 833
312 214 419	524 359 704	746 511 1.000
364 249 489	612 419 822	869 595 1.166
416 285 559	699 478 939	994 681 1.333
469 321 629	787 539 1.057	1.118 765 1.499
521 356 699	874 598 1.174	1.242 851 1.666
573 392 769	962 658 1.291	1.367 936 1.833
625 428 839	1.049 718 1.409	1.490 1.021 1.999
729 499 979	1.225 838 1.644	1.739 1.191 2.332
833 570 1.118	1.399 957 1.878	1.988 1.361 2.666
937 641 1.258	1.574 1.077 2.113	2.236 1.531 2.999
1.041 712 1.398	1.749 1.196 2.348	2.484 1.701 3.332

900		
10	20	30
261 178 351	431 294 580	607 414 816
325 222 439	538 368 725	758 517 1.020
391 267 526	646 441 869	909 620 1.223
456 311 614	754 515 1.014	1.061 724 1.427
522 356 702	862 588 1.159	1.212 827 1.631
586 400 789	970 662 1.304	1.364 931 1.835
652 444 877	1.078 736 1.449	1.516 1.034 2.039
717 489 965	1.185 809 1.594	1.667 1.138 2.243
782 533 1.052	1.293 883 1.739	1.819 1.241 2.447
913 622 1.228	1.509 1.030 2.029	2.122 1.448 2.855
1.043 711 1.403	1.724 1.177 2.318	2.425 1.655 3.262
1.173 800 1.579	1.940 1.324 2.608	2.728 1.862 3.670
1.303 889 1.754	2.155 1.471 2.898	3.032 2.068 4.078

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

VERTICAL GALVA

Without sacrificing any heat output the vertical design of the Vertical Galva saves space. In addition, this radiator is treated with a protective galvanised coating, so it can be used without any concerns in wet areas.

Product:	vertical panel radiator with a centre connection and a protective galvanised coating
Finishing:	protective galvanised coating and side panels (only for types 11, 20, 21 and 22)
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included). Types 20, 21 and 22 can be reversed (front/back), in which case inlet and outlet are also reversed.
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The product description is shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are galvanised, degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Types:	10 | 11 | 20 | 21 | 22
Heights:	1.600 | 1.800 | 2.000 | 2.200 mm
Lengths:	300 | 400 | 500 | 600 | 700 mm
Depths:	47 | 47 | 77 | 77 | 100 mm

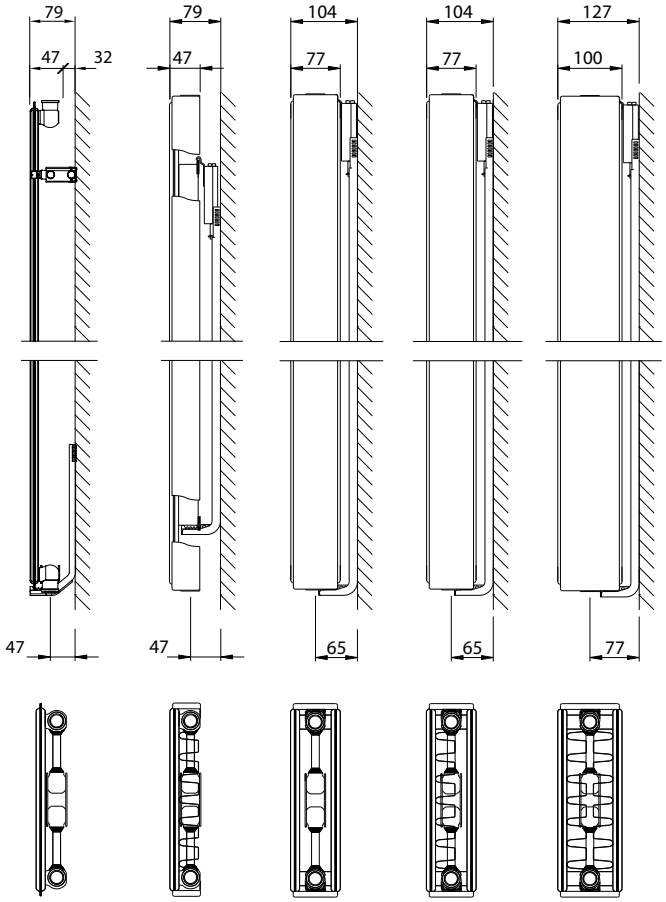
CE
2014

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T11	T20	T21	T22	Height
1600	W	1.677	2.157	2.592	3.030	3.630	**1600**
	kg	30,90	42,90	63,30	71,70	80,70	
	l	7,20	7,20	14,40	14,10	14,10	
	m²	3,67	9,40	7,33	12,66	28,99	
	n	1,27	1,34	1,32	1,32	1,33	
1800	W	1.863	2.379	2.865	3.330	3.960	**1800**
	kg	34,50	48,30	71,10	80,10	88,80	
	l	8,40	8,40	16,20	16,50	16,20	
	m²	4,13	9,86	8,25	13,58	29,90	
	n	1,29	1,33	1,31	1,33	1,33	
2000	W	2.058	2.595	3.120	3.600	4.290	**2000**
	kg	38,10	53,70	78,60	89,10	96,60	
	l	9,30	9,30	18,00	18,60	18,00	
	m²	4,59	12,15	9,17	16,20	37,74	
	n	1,30	1,33	1,31	1,33	1,33	
2200	W	2.265	2.802	3.390	3.870	4.620	**2200**
	kg	42,00	57,90	87,60	98,40	108,90	
	l	10,20	10,20	20,10	20,10	20,10	
	m²	5,04	12,61	10,09	17,11	38,66	
	n	1,32	1,32	1,30	1,33	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

Centre connection
4x R½" int.

VERTICAL GALVA

10 YEAR WARRANTY

HEAT OUTPUTS IN WATT ACCORDING TO EN442

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

On the label:
VERTICAL GALVA T10-22: Art. 0674 18 21 05
0674
H1800
T21
L500

Height	1600					1800					2000					2200					Height
Type	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	Type
300	378 262 503	480 327 647	579 396 778	677 462 909	810 553 1.089	419 289 559	530 362 714	642 440 860	743 507 999	883 602 1.188	461 317 617	578 395 779	699 480 936	803 548 1.080	956 651 1.287	507 347 680	626 428 841	761 524 1.017	862 588 1.161	1.028 700 1.386	**300**
400	505 350 671	641 436 863	772 528 1.037	902 616 1.212	1.080 737 1.452	559 386 745	707 482 952	855 586 1.146	991 676 1.332	1.177 803 1.584	615 423 823	772 527 1.038	932 640 1.248	1.070 730 1.440	1.274 868 1.716	675 462 906	834 570 1.121	1.015 698 1.356	1.150 784 1.548	1.371 933 1.848	**400**
500	631 437 839	800 545 1.079	965 660 1.296	1.128 771 1.515	1.350 921 1.815	699 482 932	884 603 1.190	1.068 732 1.433	1.238 846 1.665	1.471 1.003 1.980	769 529 1.029	965 659 1.298	1.165 800 1.560	1.338 913 1.800	1.593 1.085 2.145	844 577 1.133	1.043 712 1.401	1.268 873 1.695	1.437 980 1.935	1.714 1.166 2.310	**500**
600	757 525 1.006	960 654 1.294	1.158 792 1.555	1.353 925 1.818	1.620 1.105 2.178	839 579 1.118	1.060 723 1.427	1.282 879 1.719	1.486 1.015 1.998	1.765 1.204 2.376	923 635 1.235	1.158 790 1.557	1.399 960 1.872	1.606 1.095 2.160	1.911 1.302 2.574	1.013 693 1.359	1.251 855 1.681	1.522 1.047 2.034	1.725 1.176 2.322	2.057 1.400 2.772	**600**
700	883 612 1.174	1.121 763 1.510	1.351 924 1.814	1.579 1.079 2.121	1.890 1.290 2.541	978 675 1.304	1.237 843 1.665	1.496 1.025 2.006	1.734 1.184 2.331	2.060 1.404 2.772	1.077 740 1.441	1.350 922 1.817	1.632 1.120 2.184	1.873 1.278 2.520	2.230 1.519 3.003	1.182 809 1.586	1.459 997 1.961	1.775 1.222 2.373	2.012 1.372 2.709	2.399 1.633 3.234	**700**

HENRAD NV-PL20/0002/E001

ALTO

10 YEAR WARRANTY

On the label:
VERTICAL T10-22: Art. 0274 18 21 05
0274 — H1800 — T21 — L500

HEAT OUTPUTS IN WATT ACCORDING TO EN442

EN442 (W) 70/50/20°C
EN442 (W) 55/45/20°C
EN442 (W) 75/65/20°C

Height	1600					1800					2000					2200					Height
Type	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	Type
300	378 262 503	480 327 647	579 396 778	677 462 909	810 553 1.089	419 289 559	530 362 714	642 440 860	743 507 999	883 602 1.188	461 317 617	578 395 779	699 480 936	803 548 1.080	956 651 1.287	507 347 680	626 428 841	761 524 1.017	862 588 1.161	1.028 700 1.386	300
400	505 350 671	641 436 863	772 528 1.037	902 616 1.212	1.080 737 1.452	559 386 745	707 482 952	855 586 1.146	991 676 1.332	1.177 803 1.584	615 423 823	772 527 1.038	932 640 1.248	1.070 730 1.440	1.274 868 1.716	675 462 906	834 570 1.121	1.015 698 1.356	1.150 784 1.548	1.371 933 1.848	400
500	631 437 839	800 545 1.079	965 660 1.296	1.128 771 1.515	1.350 921 1.815	699 482 932	884 603 1.190	1.068 732 1.433	1.238 846 1.665	1.471 1.003 1.980	769 529 1.029	965 659 1.298	1.165 800 1.560	1.338 913 1.800	1.593 1.085 2.145	844 577 1.133	1.043 712 1.401	1.268 873 1.695	1.437 980 1.935	1.714 1.166 2.310	500
600	757 525 1.006	960 654 1.294	1.158 792 1.555	1.353 925 1.818	1.620 1.105 2.178	839 579 1.118	1.060 723 1.427	1.282 879 1.719	1.486 1.015 1.998	1.765 1.204 2.376	923 635 1.235	1.158 790 1.557	1.399 960 1.872	1.606 1.095 2.160	1.911 1.302 2.574	1.013 693 1.359	1.251 855 1.681	1.522 1.047 2.034	1.725 1.176 2.322	2.057 1.400 2.772	600
700	883 612 1.174	1.121 763 1.510	1.351 924 1.814	1.579 1.079 2.121	1.890 1.290 2.541	978 675 1.304	1.237 843 1.665	1.496 1.025 2.006	1.734 1.184 2.331	2.060 1.404 2.772	1.077 740 1.441	1.350 922 1.817	1.632 1.120 2.184	1.873 1.278 2.520	2.230 1.519 3.003	1.182 809 1.586	1.459 997 1.961	1.775 1.222 2.373	2.012 1.372 2.709	2.399 1.633 3.234	700

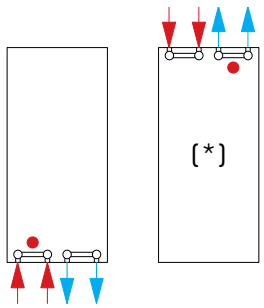
HENRAD NV-PL20/0002/E001

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

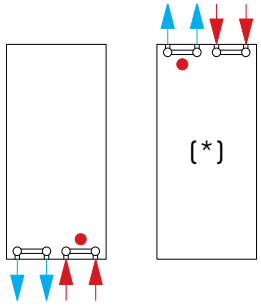
CONNECTION POSSIBILITIES ALTO · VERTICAL GALVA

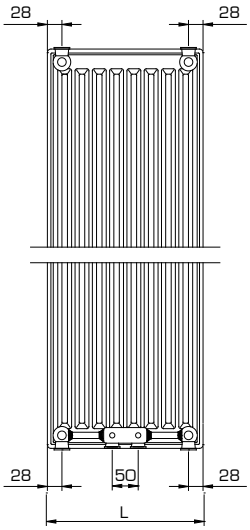
View: front of radiator

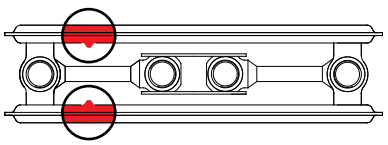
Types 10 / 11 / 20 / 21 / 22



Types 20 / 21 / 22







● flow lock

(*) With these connection options, both the supply and return must be vented.
Top connection allowed provided there is a temperature difference between flow and return of maximum 20°C.

GENERAL INFORMATION

ALTO

You only have limited space to fit a radiator? The Alto is the solution. This vertical radiator takes up a minimum of space and optimally heats the cold air next to large window sections in the kitchen or entrance hall.

Product:	the vertical panel radiator with a centre connection
Finishing:	side panels (only for types 11, 20, 21 and 22)
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (centre connection included). Types 20, 21 and 22 can be reversed (front/back), in which case inlet and outlet are also reversed.
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	10 | 11 | 20 | 21 | 22
Heights:	1.600 | 1.800 | 2.000 | 2.200 mm
Lengths:	300 | 400 | 500 | 600 | 700 mm
Depths:	47 | 47 | 77 | 77 | 100 mm

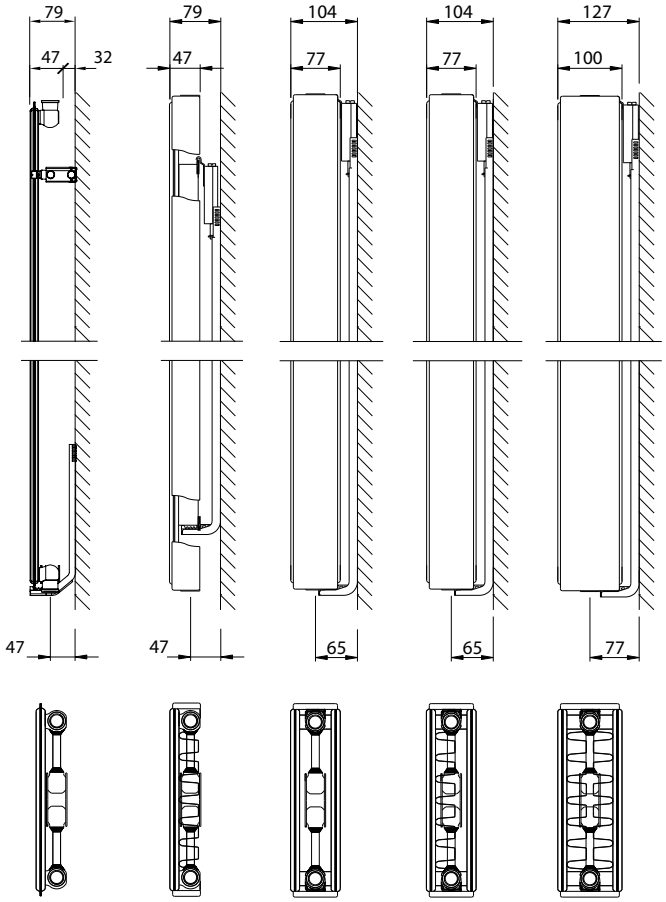
2006

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T10	T11	T20	T21	T22	Height
1600	W	1.677	2.157	2.592	3.030	3.630	**1600**
	kg	30,90	42,90	63,30	71,70	80,70	
	l	7,20	7,20	14,40	14,10	14,10	
	m²	3,67	9,40	7,33	12,66	28,99	
	n	1,27	1,34	1,32	1,32	1,33	
1800	W	1.863	2.379	2.865	3.330	3.960	**1800**
	kg	34,50	48,30	71,10	80,10	88,80	
	l	8,40	8,40	16,20	16,50	16,20	
	m²	4,13	9,86	8,25	13,58	29,90	
	n	1,29	1,33	1,31	1,33	1,33	
2000	W	2.058	2.595	3.120	3.600	4.290	**2000**
	kg	38,10	53,70	78,60	89,10	96,60	
	l	9,30	9,30	18,00	18,60	18,00	
	m²	4,59	12,15	9,17	16,20	37,74	
	n	1,30	1,33	1,31	1,33	1,33	
2200	W	2.265	2.802	3.390	3.870	4.620	**2200**
	kg	42,00	57,90	87,60	98,40	108,90	
	l	10,20	10,20	20,10	20,10	20,10	
	m²	5,04	12,61	10,09	17,11	38,66	
	n	1,32	1,32	1,30	1,33	1,34	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

GENERAL INFORMATION

PREMIUM 8

The Premium 8 radiator is a fully encased radiator equipped with an integrated adjustable valve insert. Furthermore you have, thanks to the 4 side- and 4 bottom connections, a variety of connection possibilities. This makes the Premium 8 easy to install and applicable in about every situation. In addition, it offers a uniform wall distance of 65 mm for all types at the centre connection.

Product:	the fully encased valve radiator with 8 connections
Finishing:	upper grille and side panels
Pre-installed:	preset valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets with anti-lift (VDI compliant when used in combination with included anti-slide clips), screws, plugs and installation instructions
Connections:	4 x ¾" male Eurocone bottom connection (2 x centre and 2 x lateral) and 4 x ½" female side connection. Uniform wall distance of 65 mm for all types at the centre connection. Left handed version: type 21, 22 and 33 are reversible. Reversing types 22 or 33 will modify the centre to wall distance of 65 mm.
Lugs:	Type 11 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	61 | 77 | 100 | 158 mm

2018

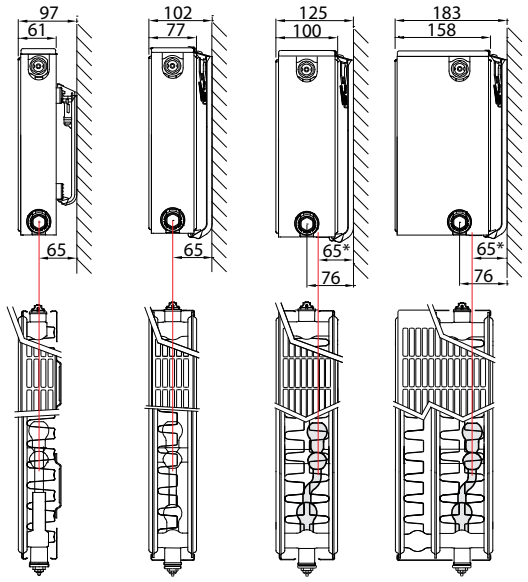
TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$

* centre connection only



Height		T11	T21	T22	T33	Centre distance
300	W	509	745	982	1.349	**250**
	kg	9,31	14,29	16,80	25,20	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,32	1,33	1,33	1,31	
400	W	676	954	1.245	1.711	**350**
	kg	12,78	19,46	22,87	34,30	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,33	1,33	1,32	
500	W	833	1.153	1.494	2.056	**450**
	kg	16,24	24,63	28,93	43,40	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,34	1,33	1,32	
600	W	980	1.345	1.732	2.389	**550**
	kg	19,70	29,80	35,00	52,50	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,34	1,33	1,32	
700	W	1.117	1.530	1.961	2.712	**650**
	kg	22,90	34,50	40,53	60,77	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,34	
900	W	1.360	1.883	2.395	3.334	**850**
	kg	29,30	43,90	51,60	77,30	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,34	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

PREMIUM 8

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	152 104 204	221 151 298	292 200 393	403 276 540
500	189 129 255	276 189 373	365 249 491	503 345 675
600	227 155 305	332 227 447	438 299 589	603 414 809
700	265 181 356	388 265 522	511 349 687	704 483 944
800	303 207 407	443 302 596	585 399 786	805 552 1.079
900	341 233 458	498 340 671	658 449 884	906 621 1.214
1000	379 259 509	554 378 745	730 499 982	1.006 690 1.349
1100	417 285 560	609 416 820	803 548 1.080	1.107 759 1.484
1200	455 311 611	664 453 894	876 598 1.178	1.208 828 1.619
1400	531 363 713	775 529 1.043	1.023 698 1.375	1.409 966 1.889
1600		886 604 1.192	1.169 798 1.571	1.610 1.103 2.158
1800		997 680 1.341	1.315 898 1.768	1.811 1.241 2.428
2000		1.107 755 1.490	1.461 997 1.964	2.012 1.379 2.698
2200		1.218 831 1.639	1.607 1.097 2.160	2.214 1.517 2.968
2400		1.329 907 1.788	1.753 1.197 2.357	2.415 1.655 3.238
2600			1.899 1.297 2.553	
2800			2.045 1.397 2.750	
3000			2.191 1.496 2.946	

	400			
11	21	22	33	
201 138 270	284 193 382	370 253 498	510 349 684	
252 173 338	354 241 477	462 315 623	638 437 856	
303 208 406	425 290 572	555 379 747	766 524 1.027	
353 242 473	496 338 668	648 442 872	893 611 1.198	
404 277 541	567 386 763	740 505 996	1.020 699 1.369	
454 311 608	638 435 859	833 568 1.121	1.148 786 1.540	
504 346 676	709 483 954	925 631 1.245	1.275 873 1.711	
555 381 744	779 531 1.049	1.018 695 1.370	1.403 960 1.882	
605 415 811	850 580 1.145	1.111 758 1.494	1.530 1.048 2.053	
706 484 946	992 676 1.336	1.296 884 1.743	1.785 1.222 2.395	
807 554 1.082	1.134 773 1.526	1.481 1.010 1.992	2.041 1.397 2.738	
908 623 1.217	1.275 869 1.717	1.666 1.137 2.241	2.296 1.572 3.080	
1.009 692 1.352	1.417 966 1.908	1.851 1.263 2.490	2.551 1.746 3.422	
	1.559 1.063 2.099	2.036 1.389 2.739	2.806 1.921 3.764	
	1.701 1.159 2.290	2.221 1.515 2.988	3.061 2.095 4.106	
		2.406 1.642 3.237		
		2.591 1.768 3.486		
		2.776 1.894 3.735		

	500			
11	21	22	33	
249 171 333	342 233 461	444 303 598	612 419 822	
311 214 417	428 291 577	555 378 747	766 524 1.028	
374 257 500	514 350 692	666 454 896	919 629 1.234	
436 300 583	599 408 807	777 530 1.046	1.072 733 1.439	
498 343 666	684 466 922	888 605 1.195	1.225 838 1.645	
561 386 750	771 525 1.038	999 681 1.345	1.378 943 1.850	
623 428 833	856 583 1.153	1.110 757 1.494	1.531 1.047 2.056	
685 471 916	941 641 1.268	1.221 832 1.643	1.685 1.152 2.262	
748 514 1.000	1.027 700 1.384	1.332 908 1.793	1.838 1.257 2.467	
872 600 1.166	1.198 816 1.614	1.554 1.059 2.092	2.144 1.466 2.878	
997 686 1.333	1.370 933 1.845	1.776 1.210 2.390	2.451 1.676 3.290	
1.121 771 1.499	1.540 1.049 2.075	1.998 1.362 2.689	2.757 1.886 3.701	
1.246 857 1.666	1.712 1.166 2.306	2.220 1.513 2.988	3.063 2.095 4.112	
1.371 943 1.833	1.883 1.283 2.537	2.442 1.665 3.287	3.369 2.304 4.523	
1.495 1.028 1.999	2.054 1.399 2.767	2.664 1.816 3.586	3.675 2.514 4.934	
		2.885 1.967 3.884		
		3.108 2.118 4.183		
		3.330 2.270 4.482		

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

PREMIUM 8

On the label:
8-CONNECTIONS T21-33: 0662
T11: 0661

Art. 0662 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	294 203 392	399 272 538	515 350 693	712 486 956
500	367 253 490	499 339 673	643 438 866	889 607 1.195
600	441 304 588	599 407 807	771 525 1.039	1.067 729 1.433
700	514 355 686	699 476 942	900 613 1.212	1.244 850 1.672
800	588 405 784	798 543 1.076	1.029 701 1.386	1.422 972 1.911
900	661 456 882	898 611 1.211	1.157 788 1.559	1.600 1.094 2.150
1000	735 507 980	998 679 1.345	1.286 876 1.732	1.778 1.215 2.389
1100	808 557 1.078	1.098 747 1.480	1.414 963 1.905	1.956 1.337 2.628
1200	881 608 1.176	1.197 815 1.614	1.543 1.051 2.078	2.134 1.458 2.867
1400	1.028 709 1.372	1.397 951 1.883	1.800 1.226 2.425	2.490 1.701 3.345
1600	1.175 810 1.568	1.596 1.086 2.152	2.057 1.401 2.771	2.845 1.944 3.822
1800	1.322 912 1.764	1.796 1.222 2.421	2.315 1.577 3.118	3.200 2.187 4.300
2000	1.469 1.013 1.960	1.996 1.358 2.690	2.572 1.752 3.464	3.556 2.430 4.778
2200	1.616 1.114 2.156	2.195 1.494 2.959	2.829 1.927 3.810	3.912 2.673 5.256
2400	1.763 1.216 2.352	2.395 1.630 3.228	3.086 2.102 4.157	4.268 2.917 5.734
2600			3.343 2.277 4.503	
2800			3.601 2.453 4.850	
3000			3.858 2.628 5.196	

700			
11	21	22	33
335 231 447	454 309 612	582 396 784	805 547 1.085
418 288 559	568 386 765	727 495 981	1.006 684 1.356
502 346 670	681 463 918	873 594 1.177	1.207 821 1.627
586 404 782	795 541 1.071	1.018 693 1.373	1.408 958 1.898
670 462 894	908 618 1.224	1.164 792 1.569	1.609 1.095 2.170
753 519 1.005	1.022 695 1.377	1.309 891 1.765	1.810 1.232 2.441
837 577 1.117	1.135 772 1.530	1.455 990 1.961	2.011 1.368 2.712
921 635 1.229	1.249 850 1.683	1.600 1.089 2.157	2.212 1.505 2.983
1.004 693 1.340	1.362 927 1.836	1.745 1.188 2.353	2.413 1.642 3.254
1.172 808 1.564	1.589 1.081 2.142	2.036 1.385 2.745	2.816 1.916 3.797
1.339 924 1.787	1.816 1.236 2.448	2.328 1.584 3.138	3.218 2.189 4.339
1.507 1.039 2.011	2.043 1.390 2.754	2.619 1.782 3.530	3.621 2.463 4.882
1.674 1.155 2.234	2.270 1.545 3.060	2.909 1.980 3.922	4.023 2.737 5.424

900			
11	21	22	33
408 281 544	559 380 753	709 482 958	982 662 1.334
510 351 680	699 476 942	887 602 1.198	1.228 827 1.667
612 422 816	838 570 1.130	1.064 722 1.437	1.473 993 2.000
714 492 952	978 665 1.318	1.241 843 1.677	1.719 1.159 2.334
816 562 1.088	1.117 760 1.506	1.419 963 1.916	1.964 1.324 2.667
917 633 1.224	1.257 856 1.695	1.597 1.084 2.156	2.210 1.490 3.001
1.019 703 1.360	1.397 951 1.883	1.774 1.204 2.395	2.455 1.655 3.334
1.121 773 1.496	1.536 1.045 2.071	1.950 1.324 2.635	2.700 1.820 3.667
1.223 844 1.632	1.677 1.141 2.260	2.128 1.445 2.874	2.946 1.986 4.001
1.427 984 1.904	1.956 1.331 2.636	2.483 1.686 3.353	3.438 2.317 4.668
1.631 1.125 2.176	2.235 1.521 3.013	2.838 1.926 3.832	3.928 2.648 5.334
1.835 1.265 2.448	2.514 1.711 3.389	3.192 2.167 4.311	4.419 2.979 6.001
2.039 1.406 2.720	2.794 1.901 3.766	3.547 2.408 4.790	4.910 3.310 6.668

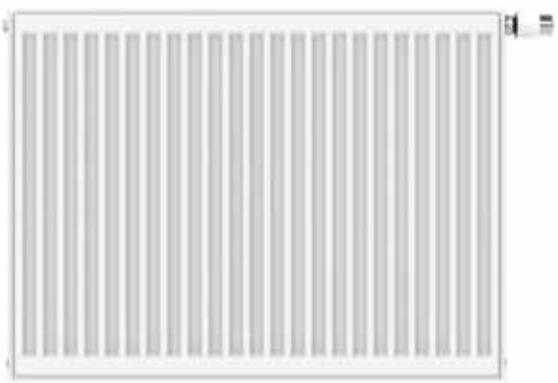
HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

PREMIUM ALL IN

The Premium All In radiator is a fully encased radiator equipped with an integrated adjustable valve insert.
Moreover this radiator can be connected either as a valve or as a compact radiator.
This radiator comes with all parts required to mount the radiator.

Product:	the fully encased valve radiator
Finishing:	upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator, CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets with anti-lift (VDI compliant when used in combination with included anti-slide clips), screws, plugs and installation instructions
Connections:	6 x ½" female connection (2 x ½" lateral bottom connection included). Left handed version: types 21, 22 and 33 are reversible, type 11 is available on request.
Lugs:	Type 11 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	61 | 77 | 100 | 158 mm



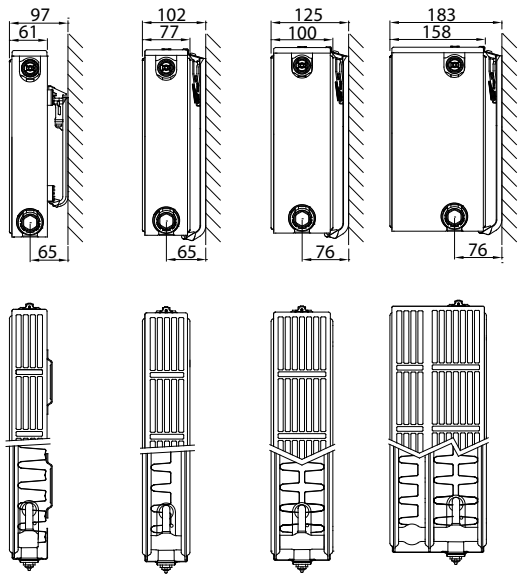
2005

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W	509	745	982	1.349	**250**
	kg	9,31	14,29	16,80	25,20	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,32	1,33	1,33	1,31	
400	W	676	954	1.245	1.711	**350**
	kg	12,78	19,46	22,87	34,30	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,33	1,33	1,32	
500	W	833	1.153	1.494	2.056	**450**
	kg	16,24	24,63	28,93	43,40	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,34	1,33	1,32	
600	W	980	1.345	1.732	2.389	**550**
	kg	19,70	29,80	35,00	52,50	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,34	1,33	1,32	
700	W	1.117	1.530	1.961	2.712	**650**
	kg	22,90	34,50	40,53	60,77	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,34	
900	W	1.360	1.883	2.395	3.334	**850**
	kg	29,30	43,90	51,60	77,30	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,34	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

PREMIUM ALL IN

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	152 104 204	221 151 298	292 200 393	403 276 540
500	189 129 255	276 189 373	365 249 491	503 345 675
600	227 155 305	332 227 447	438 299 589	603 414 809
700	265 181 356	388 265 522	511 349 687	704 483 944
800	303 207 407	443 302 596	585 399 786	805 552 1.079
900	341 233 458	498 340 671	658 449 884	906 621 1.214
1000	379 259 509	554 378 745	730 499 982	1.006 690 1.349
1100	417 285 560	609 416 820	803 548 1.080	1.107 759 1.484
1200	455 311 611	664 453 894	876 598 1.178	1.208 828 1.619
1400	531 363 713	775 529 1.043	1.023 698 1.375	1.409 966 1.889
1600		886 604 1.192	1.169 798 1.571	1.610 1.103 2.158
1800		997 680 1.341	1.315 898 1.768	1.811 1.241 2.428
2000		1.107 755 1.490	1.461 997 1.964	2.012 1.379 2.698
2200		1.218 831 1.639	1.607 1.097 2.160	2.214 1.517 2.968
2400		1.329 907 1.788	1.753 1.197 2.357	2.415 1.655 3.238
2600			1.899 1.297 2.553	
2800			2.045 1.397 2.750	
3000			2.191 1.496 2.946	

	400			
11	21	22	33	
201 138 270	284 193 382	370 253 498	510 349 684	
252 173 338	354 241 477	462 315 623	638 437 856	
303 208 406	425 290 572	555 379 747	766 524 1.027	
353 242 473	496 338 668	648 442 872	893 611 1.198	
404 277 541	567 386 763	740 505 996	1.020 699 1.369	
454 311 608	638 435 859	833 568 1.121	1.148 786 1.540	
504 346 676	709 483 954	925 631 1.245	1.275 873 1.711	
555 381 744	779 531 1.049	1.018 695 1.370	1.403 960 1.882	
605 415 811	850 580 1.145	1.111 758 1.494	1.530 1.048 2.053	
706 484 946	992 676 1.336	1.296 884 1.743	1.785 1.222 2.395	
807 554 1.082	1.134 773 1.526	1.481 1.010 1.992	2.041 1.397 2.738	
908 623 1.217	1.275 869 1.717	1.666 1.137 2.241	2.296 1.572 3.080	
1.009 692 1.352	1.417 966 1.908	1.851 1.263 2.490	2.551 1.746 3.422	
	1.559 1.063 2.099	2.036 1.389 2.739	2.806 1.921 3.764	
	1.701 1.159 2.290	2.221 1.515 2.988	3.061 2.095 4.106	
		2.406 1.642 3.237		
		2.591 1.768 3.486		
		2.776 1.894 3.735		

	500		
11	21	22	33
249 171 333	342 233 461	444 303 598	612 419 822
311 214 417	428 291 577	555 378 747	766 524 1.028
374 257 500	514 350 692	666 454 896	919 629 1.234
436 300 583	599 408 807	777 530 1.046	1.072 733 1.439
498 343 666	684 466 922	888 605 1.195	1.225 838 1.645
561 386 750	771 525 1.038	999 681 1.345	1.378 943 1.850
623 428 833	856 583 1.153	1.110 757 1.494	1.531 1.047 2.056
685 471 916	941 641 1.268	1.221 832 1.643	1.685 1.152 2.262
748 514 1.000	1.027 700 1.384	1.332 908 1.793	1.838 1.257 2.467
872 600 1.166	1.198 816 1.614	1.554 1.059 2.092	2.144 1.466 2.878
997 686 1.333	1.370 933 1.845	1.776 1.210 2.390	2.451 1.676 3.290
1.121 771 1.499	1.540 1.049 2.075	1.998 1.362 2.689	2.757 1.886 3.701
1.246 857 1.666	1.712 1.166 2.306	2.220 1.513 2.988	3.063 2.095 4.112
1.371 943 1.833	1.883 1.283 2.537	2.442 1.665 3.287	3.369 2.304 4.523
1.495 1.028 1.999	2.054 1.399 2.767	2.664 1.816 3.586	3.675 2.514 4.934
		2.885 1.967 3.884	
		3.108 2.118 4.183	
		3.330 2.270 4.482	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL19/0026/E015

PREMIUM ALL IN

On the label:
6-CONNECTIONS T21-33: 0221
T11: 0223
6-CONNECTIONS L (Left) T11: 0224

Art. 0221 09 22 04
H900
T22
L400

Height	600			
Type	11	21	22	33
400	294 203 392	399 272 538	515 350 693	712 486 956
500	367 253 490	499 339 673	643 438 866	889 607 1.195
600	441 304 588	599 407 807	771 525 1.039	1.067 729 1.433
700	514 355 686	699 476 942	900 613 1.212	1.244 850 1.672
800	588 405 784	798 543 1.076	1.029 701 1.386	1.422 972 1.911
900	661 456 882	898 611 1.211	1.157 788 1.559	1.600 1.094 2.150
1000	735 507 980	998 679 1.345	1.286 876 1.732	1.778 1.215 2.389
1100	808 557 1.078	1.098 747 1.480	1.414 963 1.905	1.956 1.337 2.628
1200	881 608 1.176	1.197 815 1.614	1.543 1.051 2.078	2.134 1.458 2.867
1400	1.028 709 1.372	1.397 951 1.883	1.800 1.226 2.425	2.490 1.701 3.345
1600	1.175 810 1.568	1.596 1.086 2.152	2.057 1.401 2.771	2.845 1.944 3.822
1800	1.322 912 1.764	1.796 1.222 2.421	2.315 1.577 3.118	3.200 2.187 4.300
2000	1.469 1.013 1.960	1.996 1.358 2.690	2.572 1.752 3.464	3.556 2.430 4.778
2200	1.616 1.114 2.156	2.195 1.494 2.959	2.829 1.927 3.810	3.912 2.673 5.256
2400	1.763 1.216 2.352	2.395 1.630 3.228	3.086 2.102 4.157	4.268 2.917 5.734
2600			3.343 2.277 4.503	
2800			3.601 2.453 4.850	
3000			3.858 2.628 5.196	

700			
11	21	22	33
335 231 447	454 309 612	582 396 784	805 547 1.085
418 288 559	568 386 765	727 495 981	1.006 684 1.356
502 346 670	681 463 918	873 594 1.177	1.207 821 1.627
586 404 782	795 541 1.071	1.018 693 1.373	1.408 958 1.898
670 462 894	908 618 1.224	1.164 792 1.569	1.609 1.095 2.170
753 519 1.005	1.022 695 1.377	1.309 891 1.765	1.810 1.232 2.441
837 577 1.117	1.135 772 1.530	1.455 990 1.961	2.011 1.368 2.712
921 635 1.229	1.249 850 1.683	1.600 1.089 2.157	2.212 1.505 2.983
1.004 693 1.340	1.362 927 1.836	1.745 1.188 2.353	2.413 1.642 3.254
1.172 808 1.564	1.589 1.081 2.142	2.036 1.385 2.745	2.816 1.916 3.797
1.339 924 1.787	1.816 1.236 2.448	2.328 1.584 3.138	3.218 2.189 4.339
1.507 1.039 2.011	2.043 1.390 2.754	2.619 1.782 3.530	3.621 2.463 4.882
1.674 1.155 2.234	2.270 1.545 3.060	2.909 1.980 3.922	4.023 2.737 5.424

900			
11	21	22	33
408 281 544	559 380 753	709 482 958	982 662 1.334
510 351 680	699 476 942	887 602 1.198	1.228 827 1.667
612 422 816	838 570 1.130	1.064 722 1.437	1.473 993 2.000
714 492 952	978 665 1.318	1.241 843 1.677	1.719 1.159 2.334
816 562 1.088	1.117 760 1.506	1.419 963 1.916	1.964 1.324 2.667
917 633 1.224	1.257 856 1.695	1.597 1.084 2.156	2.210 1.490 3.001
1.019 703 1.360	1.397 951 1.883	1.774 1.204 2.395	2.455 1.655 3.334
1.121 773 1.496	1.536 1.045 2.071	1.950 1.324 2.635	2.700 1.820 3.667
1.223 844 1.632	1.677 1.141 2.260	2.128 1.445 2.874	2.946 1.986 4.001
1.427 984 1.904	1.956 1.331 2.636	2.483 1.686 3.353	3.438 2.317 4.668
1.631 1.125 2.176	2.235 1.521 3.013	2.838 1.926 3.832	3.928 2.648 5.334
1.835 1.265 2.448	2.514 1.711 3.389	3.192 2.167 4.311	4.419 2.979 6.001
2.039 1.406 2.720	2.794 1.901 3.766	3.547 2.408 4.790	4.910 3.310 6.668

HENRAD NV:PL19/0026/E015

GENERAL INFORMATION

COMPACT ALL IN

The Compact All In radiator is fully dressed with side panels and a decorative upper grille that both seamlessly join the radiator. This finish enhances the attractive presentation of your living room. The Henrad radiator casings are also very safe and therefore child-friendly. This radiator is fully equipped and ready to install.

Product:	the fully encased compact radiator
Finishing:	upper grille and side panels
Also supplied:	VDI brackets with anti-lift (type Monclac), screws, plugs, air vent, blind plug and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	61 | 77 | 100 | 158 mm

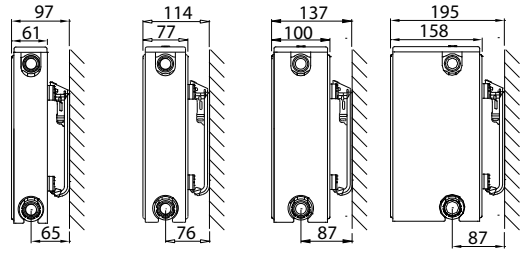
2005

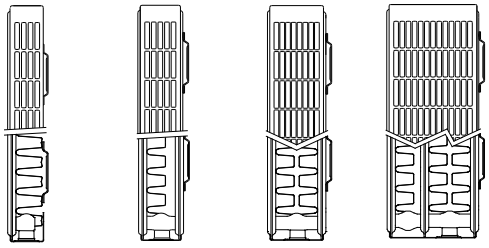
TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$





Height		T11	T21	T22	T33	Centre distance
300	W	509	745	982	1.349	**250**
	kg	9,31	14,29	16,80	25,20	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,32	1,33	1,33	1,31	
400	W	676	954	1.245	1.711	**350**
	kg	12,78	19,46	22,87	34,30	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,33	1,33	1,32	
500	W	833	1.153	1.494	2.056	**450**
	kg	16,24	24,63	28,93	43,40	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,34	1,33	1,32	
600	W	980	1.345	1.732	2.389	**550**
	kg	19,70	29,80	35,00	52,50	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,34	1,33	1,32	
700	W	1.117	1.530	1.961	2.712	**650**
	kg	22,90	34,50	40,53	60,77	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,34	
900	W	1.360	1.883	2.395	3.334	**850**
	kg	29,30	43,90	51,60	77,30	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,34	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

COMPACT ALL IN

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	152 104 204	221 151 298	292 200 393	403 276 540
500	189 129 255	276 189 373	365 249 491	503 345 675
600	227 155 305	332 227 447	438 299 589	603 414 809
700	265 181 356	388 265 522	511 349 687	704 483 944
800	303 207 407	443 302 596	585 399 786	805 552 1.079
900	341 233 458	498 340 671	658 449 884	906 621 1.214
1000	379 259 509	554 378 745	730 499 982	1.006 690 1.349
1100	417 285 560	609 416 820	803 548 1.080	1.107 759 1.484
1200	455 311 611	664 453 894	876 598 1.178	1.208 828 1.619
1400	531 363 713	775 529 1.043	1.023 698 1.375	1.409 966 1.889
1600		886 604 1.192	1.169 798 1.571	1.610 1.103 2.158
1800		997 680 1.341	1.315 898 1.768	1.811 1.241 2.428
2000		1.107 755 1.490	1.461 997 1.964	2.012 1.379 2.698
2200		1.218 831 1.639	1.607 1.097 2.160	2.214 1.517 2.968
2400		1.329 907 1.788	1.753 1.197 2.357	2.415 1.655 3.238
2600			1.899 1.297 2.553	
2800			2.045 1.397 2.750	
3000			2.191 1.496 2.946	

	400			
11	21	22	33	
201 138 270	284 193 382	370 253 498	510 349 684	
252 173 338	354 241 477	462 315 623	638 437 856	
303 208 406	425 290 572	555 379 747	766 524 1.027	
353 242 473	496 338 668	648 442 872	893 611 1.198	
404 277 541	567 386 763	740 505 996	1.020 699 1.369	
454 311 608	638 435 859	833 568 1.121	1.148 786 1.540	
504 346 676	709 483 954	925 631 1.245	1.275 873 1.711	
555 381 744	779 531 1.049	1.018 695 1.370	1.403 960 1.882	
605 415 811	850 580 1.145	1.111 758 1.494	1.530 1.048 2.053	
706 484 946	992 676 1.336	1.296 884 1.743	1.785 1.222 2.395	
807 554 1.082	1.134 773 1.526	1.481 1.010 1.992	2.041 1.397 2.738	
908 623 1.217	1.275 869 1.717	1.666 1.137 2.241	2.296 1.572 3.080	
1.009 692 1.352	1.417 966 1.908	1.851 1.263 2.490	2.551 1.746 3.422	
	1.559 1.063 2.099	2.036 1.389 2.739	2.806 1.921 3.764	
	1.701 1.159 2.290	2.221 1.515 2.988	3.061 2.095 4.106	
		2.406 1.642 3.237		
		2.591 1.768 3.486		
		2.776 1.894 3.735		

	500		
11	21	22	33
249 171 333	342 233 461	444 303 598	612 419 822
311 214 417	428 291 577	555 378 747	766 524 1.028
374 257 500	514 350 692	666 454 896	919 629 1.234
436 300 583	599 408 807	777 530 1.046	1.072 733 1.439
498 343 666	684 466 922	888 605 1.195	1.225 838 1.645
561 386 750	771 525 1.038	999 681 1.345	1.378 943 1.850
623 428 833	856 583 1.153	1.110 757 1.494	1.531 1.047 2.056
685 471 916	941 641 1.268	1.221 832 1.643	1.685 1.152 2.262
748 514 1.000	1.027 700 1.384	1.332 908 1.793	1.838 1.257 2.467
872 600 1.166	1.198 816 1.614	1.554 1.059 2.092	2.144 1.466 2.878
997 686 1.333	1.370 933 1.845	1.776 1.210 2.390	2.451 1.676 3.290
1.121 771 1.499	1.540 1.049 2.075	1.998 1.362 2.689	2.757 1.886 3.701
1.246 857 1.666	1.712 1.166 2.306	2.220 1.513 2.988	3.063 2.095 4.112
1.371 943 1.833	1.883 1.283 2.537	2.442 1.665 3.287	3.369 2.304 4.523
1.495 1.028 1.999	2.054 1.399 2.767	2.664 1.816 3.586	3.675 2.514 4.934
		2.885 1.967 3.884	
		3.108 2.118 4.183	
		3.330 2.270 4.482	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

COMPACT ALL IN

On the label:
COMPACT ALL IN T11-33: Art. 0113 09 22 04
0113 — H900 — T22 — L400

Height	600			
Type	11	21	22	33
400	294 203 392	399 272 538	515 350 693	712 486 956
500	367 253 490	499 339 673	643 438 866	889 607 1.195
600	441 304 588	599 407 807	771 525 1.039	1.067 729 1.433
700	514 355 686	699 476 942	900 613 1.212	1.244 850 1.672
800	588 405 784	798 543 1.076	1.029 701 1.386	1.422 972 1.911
900	661 456 882	898 611 1.211	1.157 788 1.559	1.600 1.094 2.150
1000	735 507 980	998 679 1.345	1.286 876 1.732	1.778 1.215 2.389
1100	808 557 1.078	1.098 747 1.480	1.414 963 1.905	1.956 1.337 2.628
1200	881 608 1.176	1.197 815 1.614	1.543 1.051 2.078	2.134 1.458 2.867
1400	1.028 709 1.372	1.397 951 1.883	1.800 1.226 2.425	2.490 1.701 3.345
1600	1.175 810 1.568	1.596 1.086 2.152	2.057 1.401 2.771	2.845 1.944 3.822
1800	1.322 912 1.764	1.796 1.222 2.421	2.315 1.577 3.118	3.200 2.187 4.300
2000	1.469 1.013 1.960	1.996 1.358 2.690	2.572 1.752 3.464	3.556 2.430 4.778
2200	1.616 1.114 2.156	2.195 1.494 2.959	2.829 1.927 3.810	3.912 2.673 5.256
2400	1.763 1.216 2.352	2.395 1.630 3.228	3.086 2.102 4.157	4.268 2.917 5.734
2600			3.343 2.277 4.503	
2800			3.601 2.453 4.850	
3000			3.858 2.628 5.196	

700			
11	21	22	33
335 231 447	454 309 612	582 396 784	805 547 1.085
418 288 559	568 386 765	727 495 981	1.006 684 1.356
502 346 670	681 463 918	873 594 1.177	1.207 821 1.627
586 404 782	795 541 1.071	1.018 693 1.373	1.408 958 1.898
670 462 894	908 618 1.224	1.164 792 1.569	1.609 1.095 2.170
753 519 1.005	1.022 695 1.377	1.309 891 1.765	1.810 1.232 2.441
837 577 1.117	1.135 772 1.530	1.455 990 1.961	2.011 1.368 2.712
921 635 1.229	1.249 850 1.683	1.600 1.089 2.157	2.212 1.505 2.983
1.004 693 1.340	1.362 927 1.836	1.745 1.188 2.353	2.413 1.642 3.254
1.172 808 1.564	1.589 1.081 2.142	2.036 1.385 2.745	2.816 1.916 3.797
1.339 924 1.787	1.816 1.236 2.448	2.328 1.584 3.138	3.218 2.189 4.339
1.507 1.039 2.011	2.043 1.390 2.754	2.619 1.782 3.530	3.621 2.463 4.882
1.674 1.155 2.234	2.270 1.545 3.060	2.909 1.980 3.922	4.023 2.737 5.424

900			
11	21	22	33
408 281 544	559 380 753	709 482 958	982 662 1.334
510 351 680	699 476 942	887 602 1.198	1.228 827 1.667
612 422 816	838 570 1.130	1.064 722 1.437	1.473 993 2.000
714 492 952	978 665 1.318	1.241 843 1.677	1.719 1.159 2.334
816 562 1.088	1.117 760 1.506	1.419 963 1.916	1.964 1.324 2.667
917 633 1.224	1.257 856 1.695	1.597 1.084 2.156	2.210 1.490 3.001
1.019 703 1.360	1.397 951 1.883	1.774 1.204 2.395	2.455 1.655 3.334
1.121 773 1.496	1.536 1.045 2.071	1.950 1.324 2.635	2.700 1.820 3.667
1.223 844 1.632	1.677 1.141 2.260	2.128 1.445 2.874	2.946 1.986 4.001
1.427 984 1.904	1.956 1.331 2.636	2.483 1.686 3.353	3.438 2.317 4.668
1.631 1.125 2.176	2.235 1.521 3.013	2.838 1.926 3.832	3.928 2.648 5.334
1.835 1.265 2.448	2.514 1.711 3.389	3.192 2.167 4.311	4.419 2.979 6.001
2.039 1.406 2.720	2.794 1.901 3.766	3.547 2.408 4.790	4.910 3.310 6.668

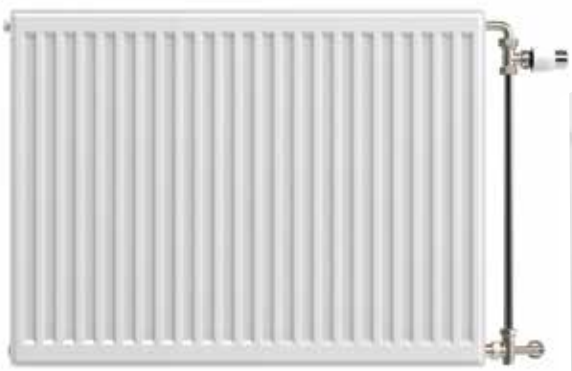
HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

STANDARD ALL IN

The Standard All In radiator is a panel radiator without upper grille and side panels, made from high-quality steel. The point of reference for each project.

Product:	the naked panel radiator
Finishing:	without upper grille and side panels
Also supplied:	L-brackets, screws, plugs, blind plug, air vent and installation instructions
Connections:	4 x ½" female connection
Lugs:	2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	11 | 21 | 22 | 33
Heights:	300 | 400 | 500 | 600 | 700 | 900 mm
Lengths:	400 – 3.000 mm
Depths:	60 | 77 | 100 | 158 mm



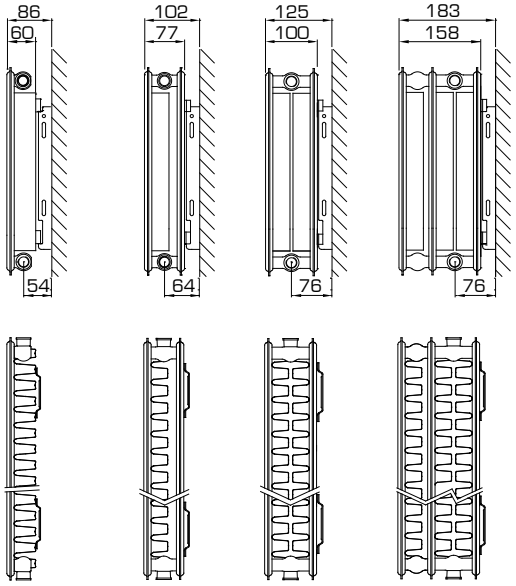
2005

TYPE OVERVIEW

Calculation factor
per meter
at 75/65/20°C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		T11	T21	T22	T33	Centre distance
300	W	517	776	1.012	1.418	**250**
	kg	8,38	13,71	15,90	23,80	
	l	1,89	3,70	3,70	5,40	
	m²	2,09	2,44	3,51	5,26	
	n	1,31	1,33	1,33	1,32	
400	W	687	1.000	1.281	1.805	**350**
	kg	11,68	18,78	21,83	32,67	
	l	2,34	4,67	4,67	6,87	
	m²	2,95	3,37	4,92	7,38	
	n	1,31	1,33	1,33	1,33	
500	W	848	1.210	1.535	2.169	**450**
	kg	14,99	23,84	27,77	41,53	
	l	2,80	5,63	5,63	8,33	
	m²	3,80	4,31	6,33	9,49	
	n	1,30	1,33	1,33	1,34	
600	W	1.000	1.409	1.778	2.514	**550**
	kg	18,30	28,90	33,70	50,40	
	l	3,25	6,60	6,60	9,80	
	m²	4,66	5,24	7,74	11,61	
	n	1,29	1,33	1,33	1,35	
700	W	1.142	1.597	2.011	2.841	**650**
	kg	21,33	33,50	39,13	58,47	
	l	3,77	7,63	7,63	11,37	
	m²	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,35	
900	W	1.397	1.941	2.453	3.448	**850**
	kg	27,40	42,70	50,00	74,60	
	l	4,80	9,70	9,70	14,50	
	m²	7,22	8,05	11,97	17,96	
	n	1,29	1,36	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m²=surface per meter / n=exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

STANDARD ALL IN

HEAT OUTPUTS IN WATT ACCORDING TO EN442

10 YEAR WARRANTY

EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

Height	300			
Type	11	21	22	33
400	154 106 207	230 157 310	301 205 405	423 290 567
500	192 132 259	288 197 388	376 256 506	529 362 709
600	231 158 310	346 236 466	451 307 607	635 435 851
700	270 185 362	404 275 543	526 358 708	740 507 993
800	309 212 414	462 315 621	602 410 810	846 579 1.134
900	347 238 465	519 354 698	677 461 911	951 652 1.276
1000	386 264 517	577 394 776	752 512 1.012	1.057 724 1.418
1100	424 291 569	635 433 854	827 563 1.113	1.163 797 1.560
1200	462 317 620	692 472 931	902 614 1.214	1.269 869 1.702
1400	540 370 724	807 551 1.086	1.052 717 1.417	1.480 1.014 1.985
1600		923 630 1.242	1.202 819 1.619	1.692 1.159 2.269
1800		1.038 709 1.397	1.353 922 1.822	1.903 1.303 2.552
2000		1.154 787 1.552	1.503 1.024 2.024	2.115 1.448 2.836
2200		1.269 866 1.707	1.653 1.127 2.226	2.326 1.593 3.120
2400		1.384 944 1.862	1.804 1.229 2.429	2.537 1.738 3.403
2600			1.954 1.332 2.631	
2800			2.105 1.434 2.834	
3000			2.255 1.537 3.036	

	400			
11	21	22	33
205 141 275	297 203 400	380 259 512	537 367 722
257 177 344	372 254 500	475 324 641	671 458 903
308 211 412	446 304 600	571 389 769	806 550 1.083
359 247 481	520 355 700	666 454 897	940 642 1.264
411 282 550	595 406 800	761 519 1.025	1.074 733 1.444
462 317 618	669 457 900	857 584 1.153	1.208 825 1.625
513 353 687	743 507 1.000	952 649 1.281	1.343 917 1.805
565 388 756	818 558 1.100	1.047 713 1.409	1.477 1.009 1.986
616 423 824	892 609 1.200	1.142 778 1.537	1.611 1.100 2.166
719 494 962	1.041 710 1.400	1.332 908 1.793	1.880 1.284 2.527
821 564 1.099	1.190 812 1.600	1.523 1.038 2.050	2.148 1.467 2.888
924 635 1.237	1.338 913 1.800	1.713 1.168 2.306	2.417 1.650 3.249
1.027 705 1.374	1.487 1.015 2.000	1.903 1.297 2.562	2.685 1.834 3.610
	1.636 1.116 2.200	2.093 1.427 2.818	2.954 2.017 3.971
	1.784 1.218 2.400	2.284 1.557 3.074	3.222 2.200 4.332
		2.474 1.687 3.331	
		2.665 1.816 3.587	
		2.855 1.946 3.843	

	500		
11	21	22	33
254 175 339	360 246 484	456 311 614	644 439 868
317 219 424	450 307 605	571 389 768	804 548 1.085
381 262 509	540 368 726	684 467 921	965 657 1.301
445 306 594	630 430 847	798 544 1.075	1.127 767 1.518
508 350 678	720 491 968	912 622 1.228	1.288 877 1.735
571 393 763	810 553 1.089	1.027 700 1.382	1.449 986 1.952
635 437 848	900 614 1.210	1.140 778 1.535	1.610 1.096 2.169
699 481 933	990 675 1.331	1.254 855 1.689	1.771 1.205 2.386
762 525 1.018	1.080 737 1.452	1.369 933 1.842	1.932 1.315 2.603
889 612 1.187	1.260 860 1.694	1.597 1.089 2.149	2.254 1.534 3.037
1.016 700 1.357	1.440 983 1.936	1.825 1.244 2.456	2.575 1.753 3.470
1.143 787 1.526	1.619 1.105 2.178	2.053 1.400 2.763	2.897 1.972 3.904
1.270 874 1.696	1.799 1.228 2.420	2.281 1.555 3.070	3.219 2.192 4.338
1.397 962 1.866	1.979 1.351 2.662	2.509 1.711 3.377	3.541 2.411 4.772
1.524 1.049 2.035	2.159 1.474 2.904	2.737 1.866 3.684	3.863 2.630 5.206
		2.965 2.022 3.991	
		3.193 2.177 4.298	
		3.421 2.333 4.605	

Core assortment (Henrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.henrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

HENRAD NV:PL20/0002/E001

STANDARD ALL IN

On the label:
4-CONNECTIONS NAKED ALL IN T11-33: Art. 0601 09 22 04
0601
H900
T22
L400

Height	600			
Type	11	21	22	33
400	300 207 400	419 286 564	528 360 711	745 505 1.006
500	375 259 500	524 357 705	661 451 889	931 632 1.257
600	450 311 600	628 429 845	793 541 1.067	1.116 758 1.508
700	525 363 700	733 501 986	925 631 1.245	1.303 884 1.760
800	600 414 800	838 572 1.127	1.057 721 1.422	1.489 1.010 2.011
900	675 466 900	943 644 1.268	1.189 811 1.600	1.675 1.137 2.263
1000	750 518 1.000	1.048 715 1.409	1.321 901 1.778	1.861 1.263 2.514
1100	825 570 1.100	1.153 787 1.550	1.454 991 1.956	2.047 1.389 2.765
1200	900 621 1.200	1.258 858 1.691	1.586 1.081 2.134	2.234 1.516 3.017
1400	1.050 725 1.400	1.467 1.002 1.973	1.850 1.261 2.489	2.606 1.769 3.520
1600	1.200 829 1.600	1.676 1.144 2.254	2.114 1.442 2.845	2.978 2.021 4.022
1800	1.350 932 1.800	1.886 1.287 2.536	2.378 1.622 3.200	3.350 2.274 4.525
2000	1.500 1.036 2.000	2.096 1.431 2.818	2.642 1.802 3.556	3.722 2.526 5.028
2200	1.650 1.139 2.200	2.305 1.574 3.100	2.907 1.982 3.912	4.095 2.779 5.531
2400	1.800 1.243 2.400	2.515 1.717 3.382	3.171 2.162 4.267	4.467 3.032 6.034
2600			3.435 2.343 4.623	
2800			3.699 2.523 4.978	
3000			3.964 2.703 5.334	

700			
11	21	22	33
343 237 457	474 323 639	597 406 804	840 569 1.136
428 296 571	592 403 799	747 508 1.006	1.050 711 1.421
514 355 685	711 484 958	896 610 1.207	1.260 854 1.705
599 414 799	830 565 1.118	1.045 711 1.408	1.470 996 1.989
686 473 914	948 646 1.278	1.194 813 1.609	1.680 1.138 2.273
771 532 1.028	1.066 726 1.437	1.343 914 1.810	1.890 1.280 2.557
857 591 1.142	1.185 807 1.597	1.492 1.016 2.011	2.100 1.422 2.841
942 650 1.256	1.304 888 1.757	1.641 1.117 2.212	2.310 1.564 3.125
1.028 709 1.370	1.422 968 1.916	1.791 1.219 2.413	2.520 1.707 3.409
1.199 828 1.599	1.659 1.130 2.236	2.089 1.422 2.815	2.940 1.991 3.977
1.370 946 1.827	1.896 1.291 2.555	2.388 1.626 3.218	3.360 2.276 4.546
1.542 1.064 2.056	2.134 1.452 2.875	2.686 1.829 3.620	3.780 2.560 5.114
1.713 1.182 2.284	2.370 1.614 3.194	2.985 2.032 4.022	4.200 2.845 5.682

900			
11	21	22	33
419 289 559	573 388 776	726 492 981	1.016 685 1.379
523 361 699	717 485 971	907 615 1.227	1.270 857 1.724
628 433 838	861 583 1.165	1.089 739 1.472	1.524 1.028 2.069
733 506 978	1.004 680 1.359	1.271 862 1.717	1.779 1.200 2.414
838 578 1.118	1.148 777 1.553	1.452 985 1.962	2.032 1.371 2.758
942 650 1.257	1.291 874 1.747	1.634 1.108 2.208	2.286 1.542 3.103
1.047 723 1.397	1.434 971 1.941	1.815 1.231 2.453	2.540 1.713 3.448
1.152 795 1.537	1.578 1.068 2.135	1.997 1.354 2.698	2.795 1.885 3.793
1.257 867 1.676	1.721 1.165 2.329	2.179 1.478 2.944	3.049 2.056 4.138
1.467 1.012 1.956	2.008 1.359 2.717	2.541 1.724 3.434	3.556 2.399 4.827
1.676 1.156 2.235	2.295 1.554 3.106	2.904 1.970 3.925	4.065 2.742 5.517
1.886 1.301 2.515	2.582 1.748 3.494	3.267 2.216 4.415	4.572 3.084 6.206
2.095 1.445 2.794	2.869 1.942 3.882	3.630 2.462 4.906	5.081 3.427 6.896

HENRAD NV:PL20/0002/E001

GENERAL INFORMATION

ALTO PLAN E

The Alto Plan E combines the advantages of a vertical electric radiator with a sleek and decorative appearance. With its space-saving design, it is very useful in small spaces and with its flat front it stands out in the most beautiful interiors.

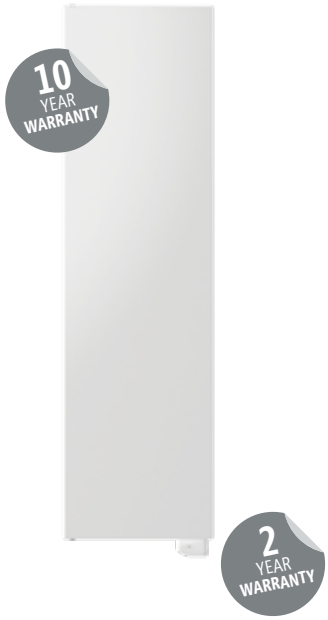
Product:	decorative electrical vertical panel radiator with a flat front
Pre-installed:	prefilled with heating liquid. RF receiver mounted including 0,8 m of insulated cable with power plug.
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, installation instructions and RF thermostat
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: Electric power – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Conformity:	EcoDesign 2018 (EU Regulation 2015/1188)
Technical data:	Voltage 220-240V ~50Hz, IPX4, Class II
Type:	11
Height:	1.800 mm
Lengths:	500 | 600 | 700 mm
Output:	1.250 | 1.500 | 1.750 watt

H1800			
Length	L 500	L 600	L 700
W	1.250 W	1.500 W	1.750 W
Art. Nr.	0275A181105	0275A181106	0275A181107

RF THERMOSTAT

ECODESIGN 2018 COMPLIANT

CE



INTELLIGENT RF THERMOSTAT

Temperature setting:	Adjustable from + 10 °C to + 30 °C
4 possible operating modes:	Auto (programming), Comfort, Eco, Frost protection
General usage:	Choice of 2 application types:
	Living room
	7-day program: programming switches between Comfort and Eco. One temperature for Comfort and one for Eco can be set, with a maximum adjustable difference of 5 °C between the two.
	Super Comfort function: the temperature is increased by 2 °C, adjustable from 20 to 120 minutes. Manually or via weekly program.
	Bathroom
	7-day program: programming switches between Comfort and Boost. The Boost can be programmed up to twice a day. Boost: the radiator delivers full power for a maximum of 60 minutes or until a maximum set ambient temperature is reached.
Open window detection:	Automatic switch to frost protection mode when a significant temperature drop is detected.
Child safety:	The control panel can be locked.
Control:	Connection to the radiator is quick and easy. Can control multiple radiators. Ergonomic: backlit display, adjustment is simple and intuitive.

GENERAL INFORMATION

ALTO E

The Alto E is the electric version of our Alto vertical radiator. It saves space due to its vertical design and only needs a socket to quickly achieve a high heat output.

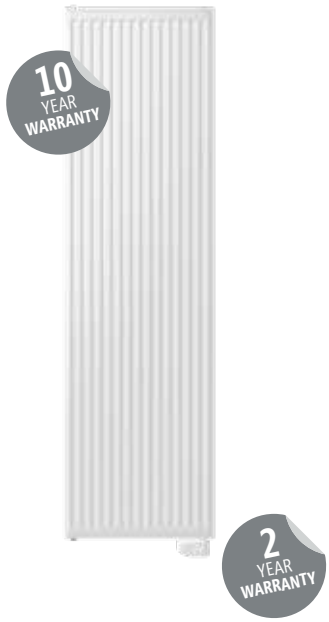
Product:	electrical vertical panel radiator
Pre-installed:	prefilled with heating liquid. RF receiver mounted including 0,8 m of insulated cable with power plug.
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, installation instructions and RF thermostat
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: Electric power – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed and Henrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Conformity:	EcoDesign 2018 (EU Regulation 2015/1188)
Technical data:	Voltage 220-240V ~50Hz, IPX4, Class II
Type:	11
Height:	1.800 mm
Lengths:	500 | 600 | 700 mm
Output:	1.250 | 1.500 | 1.750 watt

H1800			
Length	L 500	L 600	L 700
W	1.250 W	1.500 W	1.750 W
Art. N°.	0274A181105	0274A181106	0274A181107

RF THERMOSTAT

ECODESIGN 2018 COMPLIANT

CE



INTELLIGENT RF THERMOSTAT

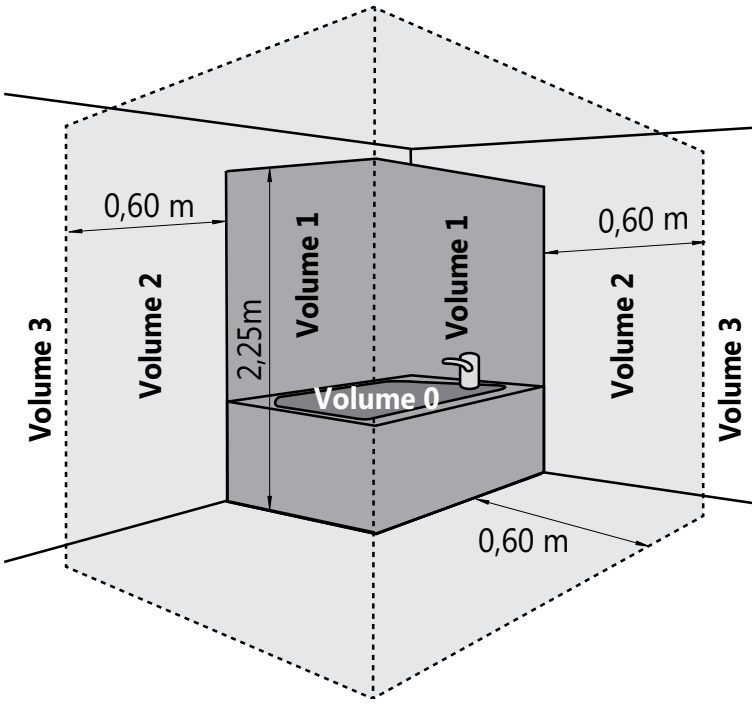
Temperature setting:	Adjustable from + 10 °C to + 30 °C
4 possible operating modes:	Auto (programming), Comfort, Eco, Frost protection
General usage:	Choice of 2 application types:
	Living room
	7-day program: programming switches between Comfort and Eco. One temperature for Comfort and one for Eco can be set, with a maximum adjustable difference of 5 °C between the two.
	Super Comfort function: the temperature is increased by 2 °C, adjustable from 20 to 120 minutes. Manually or via weekly program.
	Bathroom
	7-day program: programming switches between Comfort and Boost. The Boost can be programmed up to twice a day. Boost: the radiator delivers full power for a maximum of 60 minutes or until a maximum set ambient temperature is reached.
Open window detection:	Automatic switch to frost protection mode when a significant temperature drop is detected.
Child safety:	The control panel can be locked.
Control:	Connection to the radiator is quick and easy. Can control multiple radiators. Ergonomic: backlit display, adjustment is simple and intuitive.

MOUNTING AND INSTALLATION

Since our electrical radiators are class II heaters with an IPX4 protection rating, they can be installed as such, in volume 2 or 3 of the bathroom (see figure), provided that they are shielded from water splashes, that the radiators are out reach of persons in the bath or under the shower.

Furthermore, when installed in volume 2, the radiator must additionally be shielded by means of a fixed wall. The battery operated thermostat should be positioned in volume 3 and out of water splash range (IP20). The radiator must be installed with the heating element vertically and the electrical wire in the lower section. It is prohibited to install the device with the electrical wire in the upper section or with the heating element horizontally. A radiator with wall socket should be plugged in a wall socket placed in volume 3. The appliance is insulated according to class II and is therefor not earthed. It needs to be powered by a single-phased current of 230V~50Hz.

Please connect the 3 main wires as follows:
- brown wire = phase;
- blue wire = neutral,
- black wire = control wire.

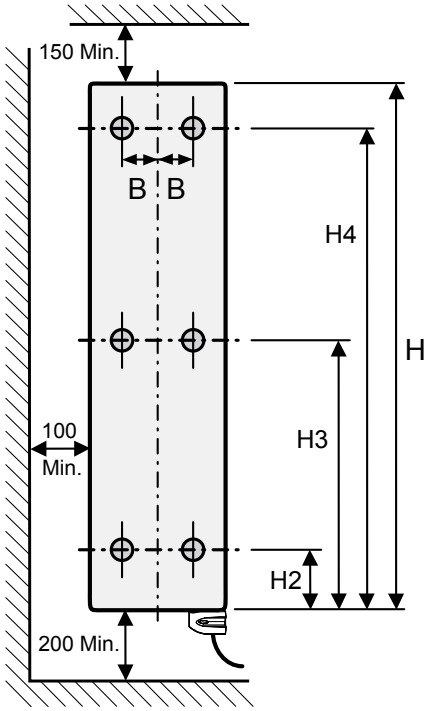


ATTENTION:
The control wire must be insulated if not in use. Malfunctioning control units need to be replaced by an identical model after consulting your wholesalor. When replacing the control unit by a different model, both warranty and conformity with the safety regulations will be void. In France, the installation of electric radiators with plugs is prohibited.

MOUNTING AND INSTALLATION

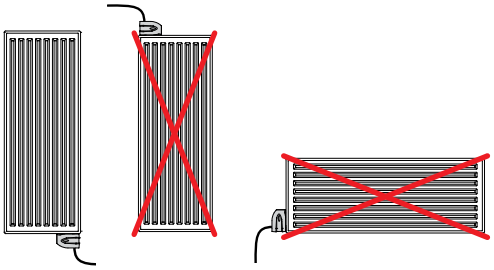
The radiator must be installed with the heating element vertical and the electrical wire in the lower section.
It is prohibited to install the device with the electrical wire in the upper section or with the heating element horizontal.
The device is class II insulated and, therefore, it cannot be earthed.
The device should be powered by a single-phase current of 220-240 V ~ 50 Hz.

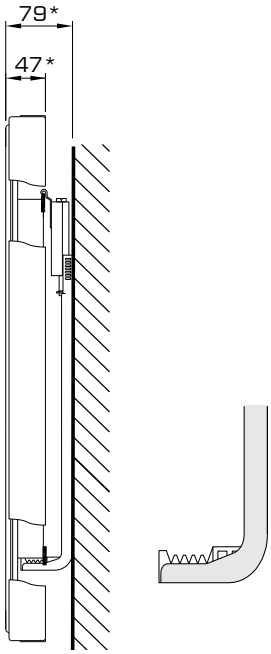
ALTO PLAN E · ALTO E



Length	B
L 500	130
L 600	180
L 700	230

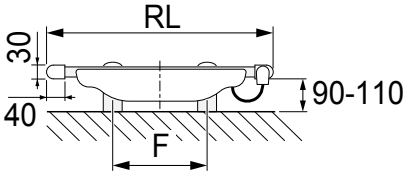
Height	H2	H3	H4
1800	160	830	1500



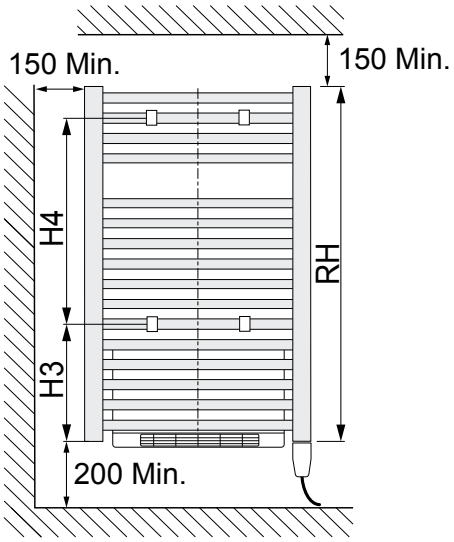


* Alto Plan E: +2 mm

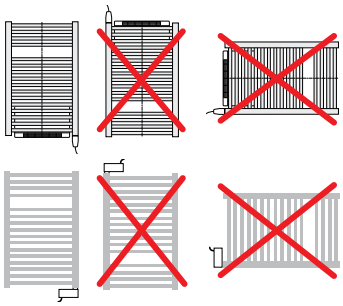
OCEANUS E-VENTO



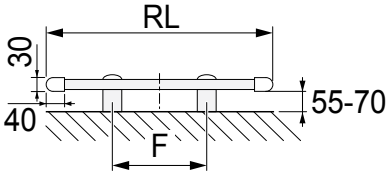
RL	F
400	225
450	275
495	320
585	410

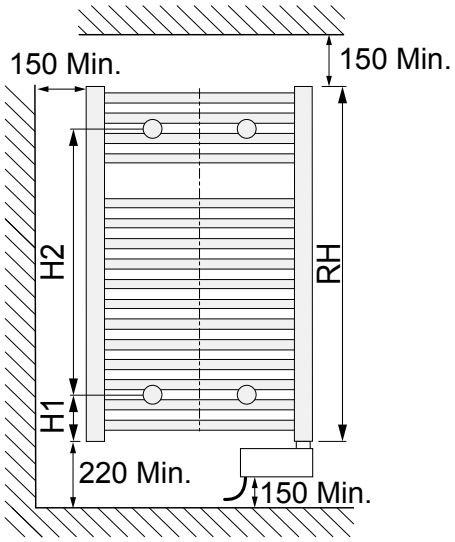


RH	H1	H2	H3	H4
775	102	582	255	450
1181	102	988	255	856
1411	102	1218	255	1068
1763	102	1570	255	1438



OCEANUS E





GENERAL INFORMATION

OCEANUS E-VENTO

The Oceanus E-VENTO is an electric radiator with integrated blower unit that provides extra heat emission (950 watts). After the simple assembly and insertion of the plug, the radiator is ready for use and you can enjoy a pleasant heat within a few minutes.

Product:	electric classic bathroom radiator with blower
Pre-mounted:	Pre-filled with heating fluid. Equipped with thermostat, 950 Watt PTC blower and 1,2 m insulated cable with plug.
Also supplied:	including brackets, screws, plugs and manual.
Control:	Control via integrated thermostat with automatic self-learning weekly programming, open window detection, presence detection and boost function. RF receiver for optional remote control.
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Conformity:	EcoDesign 2018 (EU Regulation 2015/1188)
Technical data:	Voltage 220-240V ~50Hz, IPX4, Class II
Heights:	775 | 1.181 | 1.411 | 1.763 mm
Number of tubes:	16 | 24 | 28 | 36
Lengths:	495 | 585 mm
Output:	1.350 | 1.550 | 1.650 | 1.850 | 1.950 watt
Tubes:	horizontal, O-section, diameter of 22 mm

Length		495	585
H775	W		1.350 W
	Tubes		16
	Art. N°.		0184B0002
H1181	W	1.550 W	1.650 W
	Tubes	24	24
	Art. N°.	0184B0004	0184B0005
H1411	W	1.650 W	1.850 W
	Tubes	28	28
	Art. N°.	0184B0010	0184B0011
H1763	W	1.950 W	1.950 W
	Tubes	36	36
	Art. N°.	0184B0007	0184B0008

ECODESIGN 2018 COMPLIANT

OPTIONAL
RF REMOTE CONTROL

Art.
T5003

CE 2023

INTELLIGENT THERMOSTAT

- Electronic PID control with microprocessor.
- Ergonomic: backlit display which is easy and intuitive to set.
- 6 Different factory presets: Auto / Comfort / Eco / Boost / Frost protection / Standby
- 7 Day program: possibility to assign 1 of 5 different profiles to each day.
- Energy consumption indicator on display.
- Open window detection: automatically switching to frost protection mode when the device detects a significant drop in temperature.
- Self-learning function: the device can get to know your needs and adjust its programs to you by means of presence detection.
- Boost: adjustable between 5 and 90 minutes in 5 minute intervals.
- A safety feature prevents the room temperature from getting too high (Boost mode).
- Child anti-tamper: the control panel can be locked.
- Active memory: permanent backup of the settings, date and time up to 16 hours.
- Sound signal when changing between standby and active mode.
- Radio frequency remote control (optional).

GENERAL INFORMATION

OCEANUS E

With the electrical version of the Oceanus radiator a new era is upon us. Nowadays alternative energy sources also get more interest next to the traditional hydraulic heating.
The Oceanus E is Henrad's answer to this evolution.

Product:	Electrical classic bathroom radiator
Pre-mounted:	Prefilled with heating liquid and including mounted thermostat. Available as a version with 0,8 m insulated cable without plug and as a version with 1,2 m insulated cable with plug.
Also supplied:	Brackets, screws, plugs and manual.
Control:	Operated via integrated thermostat with weekly programming, open window detection and boost function. IR receiver for the optional remote control.
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years for the radiator and 2 years for the electrical components, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated, primed and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Conformity:	EcoDesign 2018 (EU regulation 2015/1188)
Technical data:	Voltage 230V ~50Hz, IP44, Class II
Heights:	775 | 1.181 | 1.411 | 1.763 mm
Number of tubes:	16 | 24 | 28 | 36
Lengths:	400 | 450 | 495 | 585 mm
Output:	400 | 500 | 600 | 700 | 900 | 1.000 watt
Tubes:	horizontal, O-section, diameter of 22 mm

Length		400	450	495	585	
H775	W				400 W	
	Tubes				16	
	Art. N°.				0184A0002	
					0184C0002	
H1181	W	400 W	500 W	600 W	700 W	
	Tubes	24	24	24	24	
	Art. N°.	0184A0016	0184A0017	0184A0004	0184A0005	
		0184C0016	0184C0017	0184C0004	0184C0005	
H1411	W	500 W	600 W	700 W	900 W	
	Tubes	28	28	28	28	
	Art. N°.	0184A0018	0184A0019	0184A0010	0184A0011	
		0184C0018	0184C0019	0184C0010	0184C0011	
H1763	W			1.000 W	1.000 W	
	Tubes			36	36	
	Art. N°.			0184A0007	0184A0008	
				0184C0007	0184C0008	

Art.
T5001

OPTIONAL
IR REMOTE CONTROL

ECODESIGN
2018 COMPLIANT

CE
2023

INTELLIGENT THERMOSTAT

- Electronic PID control with microprocessor.
- a safety feature prevents the room temperature from getting too high (Boost mode).
- Sound signal when changing between standby and active mode.
- Ergonomic: backlit display which is easy and intuitive to set.
- Boost: adjustable between 5 and 90 minutes.
- Infrared remote control (optional): supplied with a wall mount.
- Energy consumption indicator in kWh
- Open window detection: automatically switching to frost protection mode when the device detects a significant drop in temperature.
- 7 day program: possibility to assign 5 different profiles to each day.
- 6 different factory presets: Auto / Comfort / Eco / Boost / Frost protection / Standby
- Child anti-tamper: the control panel can be locked.
- active memory: permanent backup of the settings, date and time up to 3 hours.

GENERAL INFORMATION

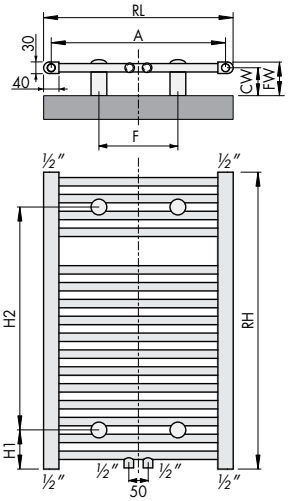
EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

OCEANUS · OCEANUS CT

The Oceanus is a traditional bathroom radiator that retains the timeless character of the bathroom with its simplicity and symmetry of straight, round tubes and D-shaped collectors. This radiator can also be used as a partition wall to create separate areas according to your personal taste. Also available with a centre connection.

Product:	the classic bathroom radiator, also available with a centre connection
Also supplied:	4 wall brackets, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (6 x ½" if with centre connection)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type - height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours and about 200 RAL-colours are possible
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	775 | 1.181 | 1.411 | 1.763 | 1.993 mm
Number of tubes:	16 | 24 | 28 | 36 | 40
Lengths:	400 | 450 | 495 | 585 | 737 mm
Tubes:	horizontal, O-section, diameter of 22 mm
Collector:	vertical, D-section

Length		400	450	495	585	737
H775	W			278	321	393
	W			194	223	274
	W			367	425	520
	kg			5,40	6,10	7,20
	l			3,60	4,00	4,70
	m²			0,64	0,74	0,91
	n			1,25	1,26	1,25
	Tubes			16	16	16
	Art.N°.			01840001	01840002	01840003
	CT			01840101	01840102	01840103
H1181	W	336	375	409	474	581
	W	234	261	285	330	406
	W	445	496	541	627	768
	kg	6,80	7,43	8,00	9,10	10,80
	l	4,65	5,04	5,40	6,00	7,10
	m²	0,81	0,90	0,97	1,12	1,37
	n	1,26	1,26	1,26	1,25	1,25
	Tubes	24	24	24	24	24
	Art.N°.	01840016	01840017	01840004	01840005	01840006
	CT	01840116	01840117	01840104	01840105	01840106
H1411	W	400	446	486	563	691
	W	279	310	338	392	482
	W	529	590	644	746	914
	kg	7,65	8,68	9,40	10,70	12,70
	l	5,52	5,90	6,40	7,20	8,50
	m²	0,96	1,05	1,14	1,31	1,61
	n	1,25	1,26	1,26	1,26	1,25
	Tubes	28	28	28	28	28
	Art.N°.	01840018	01840019	01840010	01840011	01840012
	CT	01840118	01840119	01840110	01840111	01840112
H1763	W			608	704	864
	W			422	489	601
	W			807	934	1.145
	kg			11,90	13,60	16,10
	l			8,00	9,00	10,60
	m²			1,45	1,68	2,06
	n			1,27	1,27	1,26
	Tubes			36	36	36
	Art.N°.			01840007	01840008	01840009
	CT			01840107	01840108	01840109
H1993	W			695	806	989
	W			486	564	693
	W			918	1.064	1.303
	kg			13,40	15,20	18,00
	l			9,20	10,30	12,30
	m²			1,62	1,87	2,29
	n			1,25	1,24	1,24
	Tubes			40	40	40
	Art.N°.			01840013	01840014	01840015
	CT			01840113	01840114	01840115

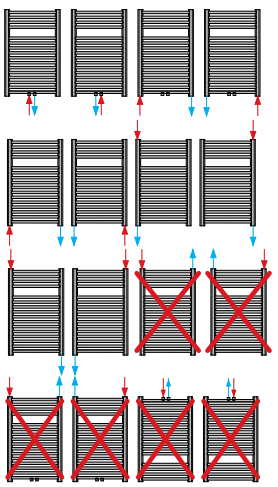


RH	H1	H2
775	102	582
1181	102	988
1411	102	1218
1763	102	1570
1993	102	1800

RL	A	F	CW	FW
400	360	225	70-85	85-100
450	410	275	70-85	85-100
495	455	320	70-85	85-100
585	545	410	70-85	85-100
737	697	560	70-85	85-100

10 YEAR WARRANTY

CE 2008



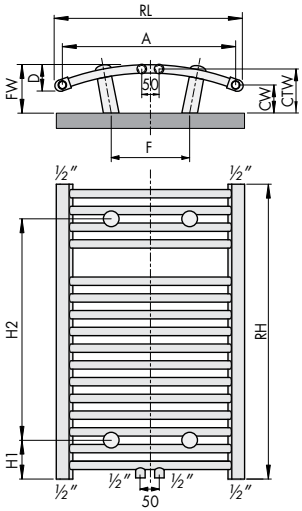
EN442 (W)	70/50/20°C
EN442 (W)	55/45/20°C
EN442 (W)	75/65/20°C

APHRODITE · APHRODITE CT

A bathroom is often also a place for slowing down, beauty and relaxation. The Aphrodite bathroom radiator enhances this feeling of wellbeing in its own way with its aesthetic design. The Aphrodite radiator with its curved and round tubes emphasises elegance and with its discreet presence ensures your heating comfort.
Also available with a centre connection.

Product:	elegant bathroom radiator, also available with a centre connection
Also supplied:	4 wall brackets, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 x ½" female connection (6 x ½" if with centre connection)
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type - height – length.
Warranty:	10 years, as long as the installation instructions have been followed, Henrad's warranty conditions have been met and the radiator is installed outside the splash area.
Paint process:	All radiators are degreased, phosphated and powder-coated in Henrad white 9016 as standard.
Colours:	Henrad white 9016 + 35 different Henrad colours are possible and about 200 RAL-colours
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	95 °C
Conformity:	in accordance with EN442
Heights:	775 | 1.181 | 1.763 mm
Number of tubes:	16 | 24 | 36
Lengths:	495 | 585 | 737 mm
Tubes:	horizontal, curved, O-section, diameter of 22 mm
Collector:	vertical, D-section

Length		495	585	737
H775	W	278	321	393
	W	194	223	274
	W	367	425	520
	kg	5,40	6,10	7,20
	l	3,60	4,00	4,70
	m²	0,64	0,74	0,91
	n	1,25	1,26	1,25
	Tubes	16	16	16
	Art.N°.	01850001	01850002	01850003
	CT	01850101	01850102	01850103
H1181	W	409	474	581
	W	285	330	406
	W	541	627	768
	kg	8,00	9,10	10,80
	l	5,40	6,00	7,10
	m²	0,97	1,12	1,37
	n	1,26	1,25	1,25
	Tubes	24	24	24
	Art.N°.	01850004	01850005	01850006
	CT	01850104	01850105	01850106
H1763	W	608	704	864
	W	422	489	601
	W	807	934	1.145
	kg	11,90	13,60	16,10
	l	8,00	9,00	10,60
	m²	1,45	1,68	2,06
	n	1,27	1,27	1,26
	Tubes	36	36	36
	Art.N°.	01850007	01850008	01850009
	CT	01850107	01850108	01850109

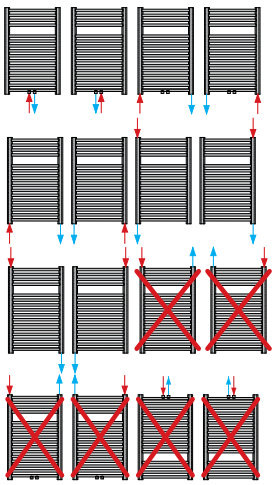


RH	H1	H2
775	102	582
1181	102	988
1763	102	1570

RL	A	F	CW	FW	CTW	D
495	455	236	60-75	100-115	85-100	50
585	545	326	60-75	105-120	90-105	60
737	697	478	60-75	115-130	100-115	70

10 YEAR WARRANTY

CE 2008



HEATING ELEMENT FOR BATHROOM RADIATORS

OCEANUS · OCEANUS CT · APHRODITE · APHRODITE CT

- heating element class I or class II, IP54
- ON/OFF switch and ½" connection.

Use only in vertical position

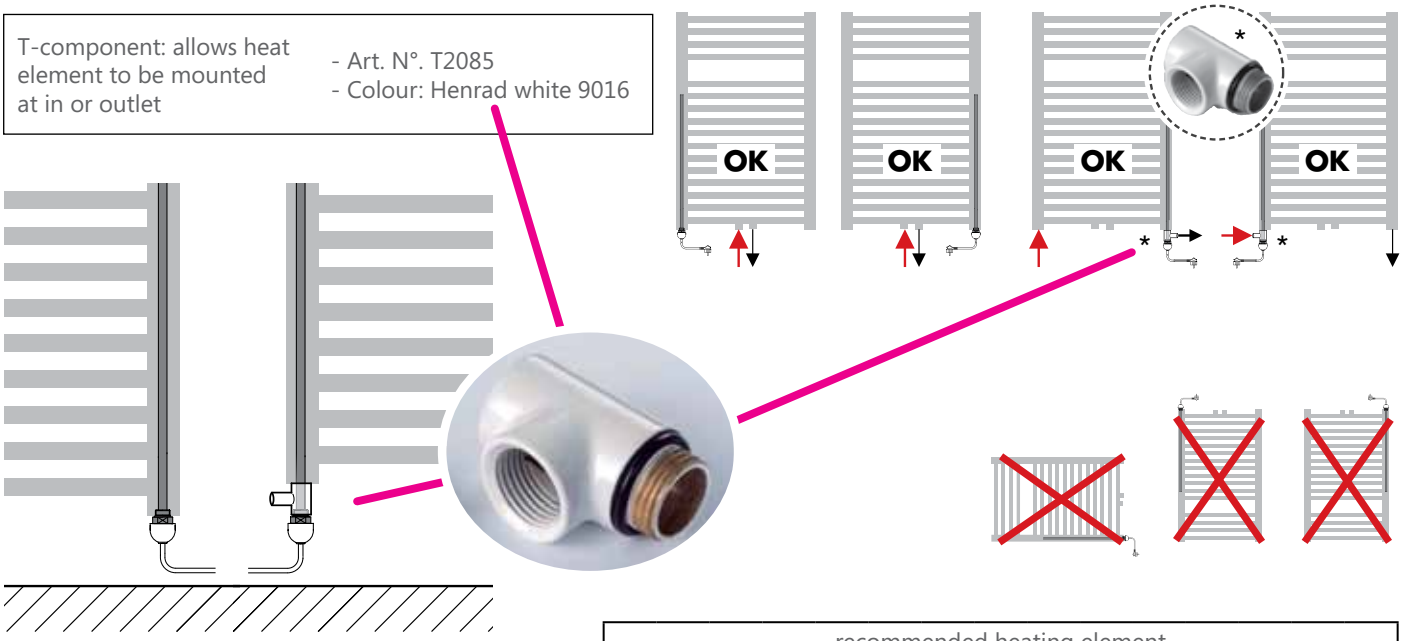
WHEN USING THE HEATING ELEMENT:
- close radiator inlet
- radiator outlet must remain open

Can only be used in radiators operating in a central heating system.

When operating in humid conditions: mandatory regulations should be respected

T-component: allows heat element to be mounted at in or outlet

- Art. N°. T2085
- Colour: Henrad white 9016



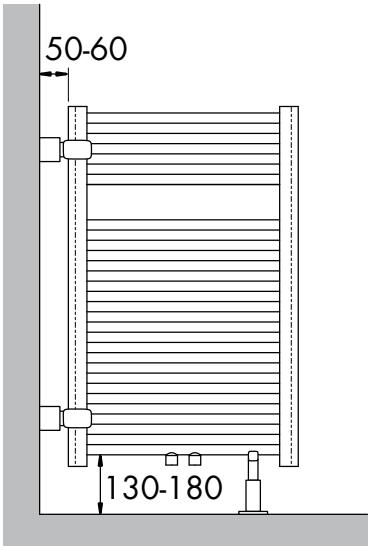
			recommended heating element														
			775			1181			1411			1763			1993		
Class II	Class I		495	585	737	495	585	737	495	585	737	495	585	737	495	585	737
Art. N°. T2094	Art. N°. T2028	300W	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Art. N°. T2095	Art. N°. T2082	600W					w	w	w	w	w	w	w	w	w	w	w
Art. N°. T2096	Art. N°. T2084	900W									w		w	w	w	w	w

recommended | allowed | prohibited

BATHROOM RADIATOR AS ROOM DIVIDER

OCEANUS · OCEANUS CT

Art. N°. T1630
Colour: Henrad white 9016 only

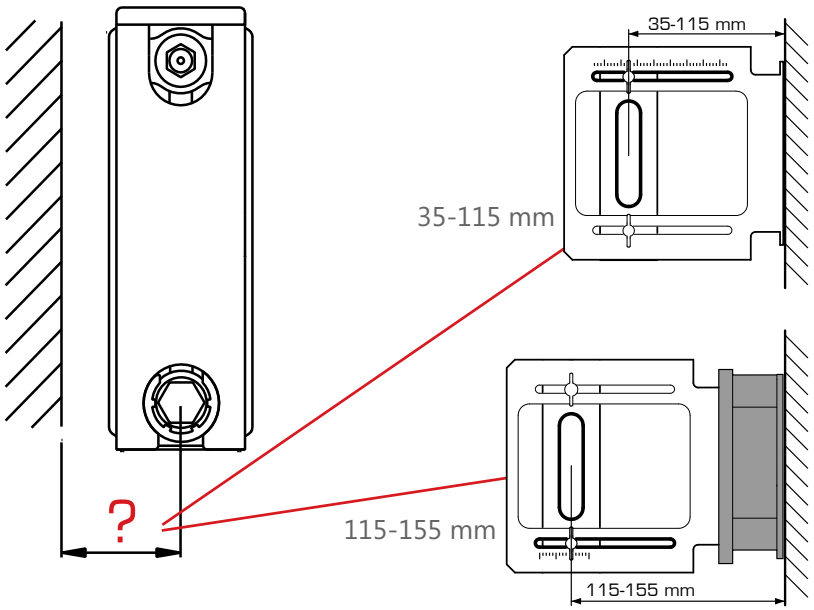


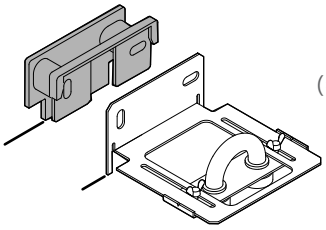
MOUNTING TEMPLATE

The mounting template is useful when installing valved radiators to the wall. It replaces the radiator until the very end of the building process.

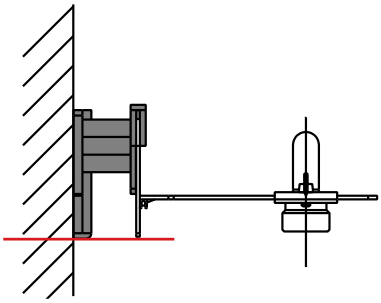
Therefore, finishing tasks such as painting, tiling and applying wallpaper no longer require the removal and remounting of the radiator, which guarantees a pristine condition on commissioning.

The mounting template consists of a L-shaped metal plate and a bridging piece with 2x ¾" connections with a 50 mm centre distance. The bridging piece can slide back and forth on the L-shaped plate, which allows the wall distance to be adjusted according to the radiator type and the selected brackets. (see pages 148-152 & 80)





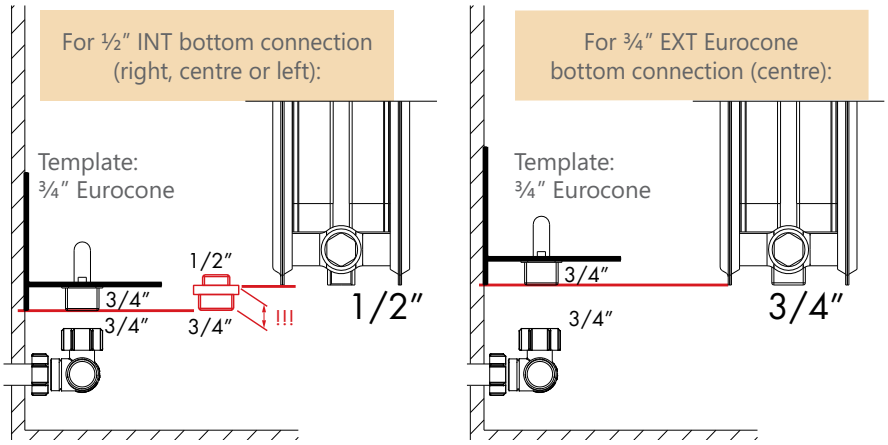
Art. N°. T1642
(= incl. extension)



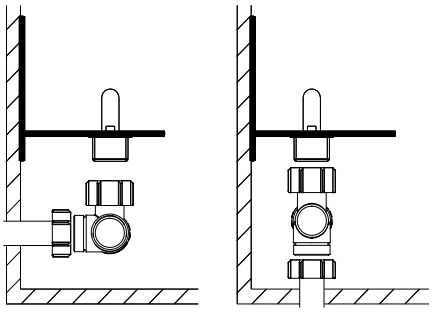
MOUNTING

1. Fit the template to the wall. Adjust the bridging piece to the correct wall distance (see pages 148-152 & 80)
2. Connect the piping to the mounting template and conduct the leak test
3. Once the concrete floor is finished, the L-shaped part (and the extension) can be removed to allow finishing tasks (e.g. painting, tiling, applying wallpaper,...)
   REMARK: the bridging part must remain on the piping to prevent pollution in the pipes.
4. Mount the brackets to the wall, then remove the bridging part before installing the radiator.
   REMARK: To prevent pollution in the pipes brackets should be mounted before removing the bridging part.
5. REMARK: For radiators with a ½" INT bottom connection,a ½"EXT x ¾"EXT reduction must be used. (not included, see next page).

MOUNTING TEMPLATE



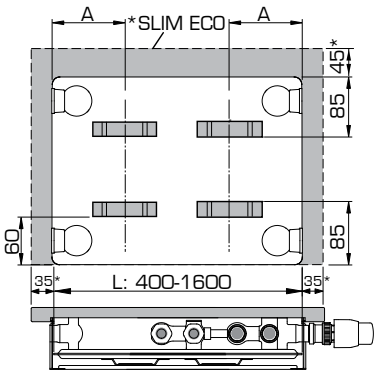
The mounting template can be used for pipes coming out of the floor, as well as for pipes coming out of the wall



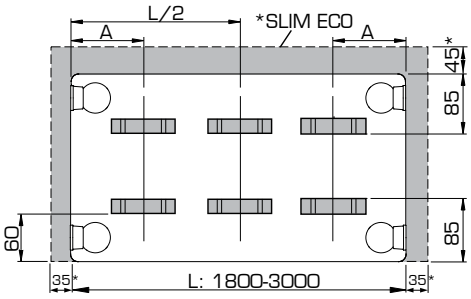
LUG POSITIONS

Types 20-33

Everest Plan VENTO
Compact VENTO
Premium ECO
Hygiene ECO
Everest Slim ECO*
Everest Plan ECO
Everest Line ECO
Everest Plan
Compact Plan
Compact Line
ECO Galva
Hygiene ECO Galva
Reno Plan · Reno
Galva
Hygiene Galva
Hygiene
Compact All In
Standard All In



L	A
400-1600	133



L	A
1800-3000	133

Type 10 (not ECO, not 8 connections)

Hygiene Galva
Hygiene

Type 10 (ECO, 8 connections)

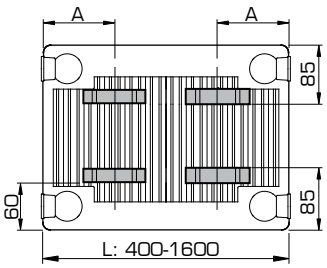
Hygiene ECO
Hygiene ECO Galva
Hygiene Plan 8

L	A
400	100
500-1100	167
1200-1600	267

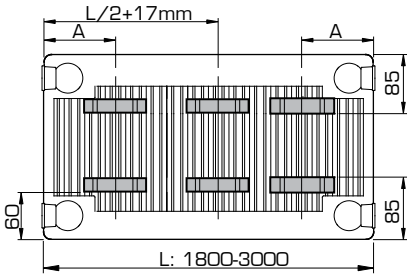
L	A
1800-3000	267

Type 11

Premium ECO
Everest Plan ECO
Everest Line ECO
Everest Plan 8
Everest Line 8
Everest Plan
Compact Plan
Compact Line
ECO Galva
Galva
Premium 8
Premium All In
Compact All In
Standard All In



L	A
400	117
500-1600	150



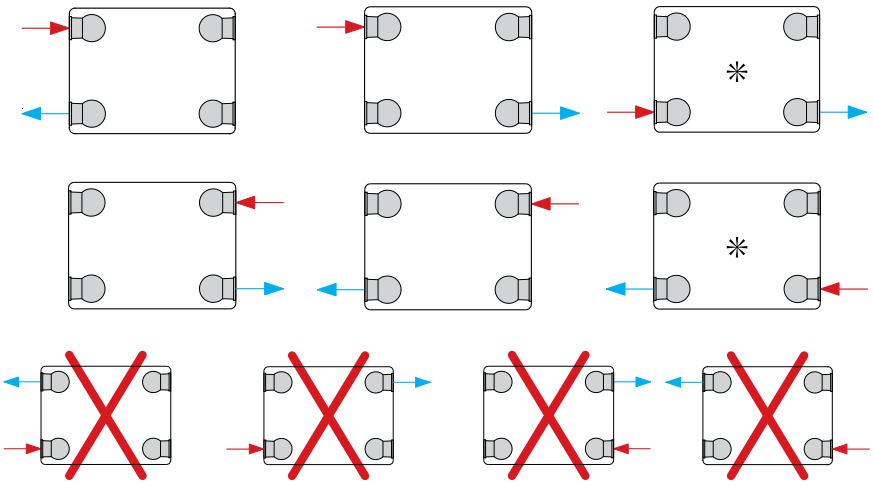
L	A
1800-3000	150

CONNECTION POSSIBILITIES

Compact VENTO · Compact Plan · Compact Line · Reno Plan · Reno Galva · Hygiene Galva · Hygiene Compact All In · Standard All In

When connecting as a compact radiator
- the valve insert has to be removed
- plastic plugs have to be replaced with brass plugs.

Everest Plan VENTO
Everest Plan 8 · Everest Line 8
Hygiene Plan 8 · Everest Plan
Everest Plan Plinth · Everest Line Plinth
Everest Plan Plinth D
Everest Line Plinth D
Premium Plinth · Premium 8
Premium All In

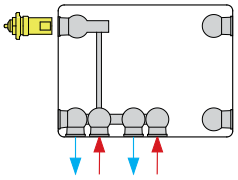


* = a reduction in heatoutput will occur when combining low temperature heating with a high temperature difference between inlet and outlet. Not suitable for cooling

Left handed radiator

Types 21 / 22 / 33

Everest Plan 8
Premium 8



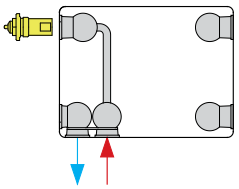
View: front of radiator

Types 11 / 21 / 22 / 33

Everest Plan
Premium All In

Types 22 / 33 / 44

Everest Plan Plinth D
Everest Line Plinth D
Premium Plinth



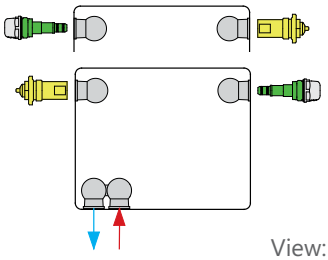
View: front of radiator

Types 21 / 22 / 33

Premium ECO
Everest Plan ECO
Everest Line ECO

Types 20 / 30

Hygiene ECO



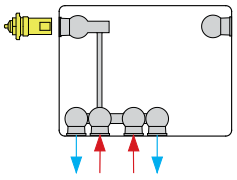
View: front of radiator

Type 10

Hygiene ECO

Type 11

Premium ECO
Everest Plan ECO
Everest Line ECO



View: front of radiator

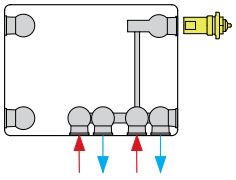
Right handed radiator

Types 11 / 21 / 22 / 33

Everest Plan 8
Everest Line 8
Premium 8

Types 10 / 20 / 30

Hygiene Plan 8



View: front of radiator

Type 22

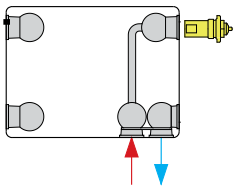
Everest Plan VENTO

Types 11 / 21 / 22 / 33

Everest Plan
Premium All In

Types 22 / 33 / 44

Everest Plan Plinth
Everest Line Plinth
Everest Plan Plinth D
Everest Line Plinth D
Premium Plinth



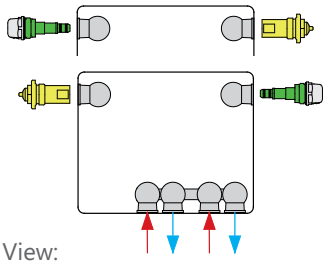
View: front of radiator

Types 21 / 22 / 33

Premium ECO
Everest Slim ECO
Everest Plan ECO
Everest Line ECO
ECO Galva

Types 20 / 30

Hygiene ECO
Hygiene ECO Galva



View: front of radiator

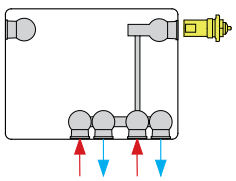
Important notice for ECO radiators: the green ECO air vent is essential for the proper working of types 20, 21, 22, 30 and 33 of the radiator and cannot be replaced by a traditional air vent as the radiator will keep on heating.

Type 10

Hygiene ECO
Hygiene ECO Galva

Type 11

Premium ECO
Everest Plan ECO
Everest Line ECO
ECO Galva

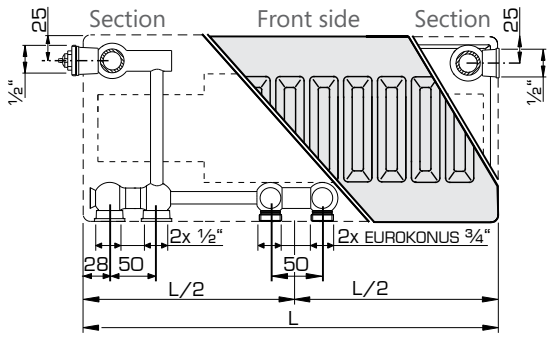


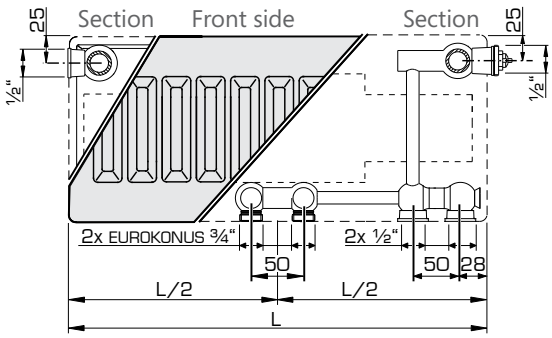
View: front of radiator

MOUNTING DIMENSIONS VALVE RADIATORS

Hygiene ECO	T10	Hygiene ECO · Hygiene ECO Galva	
Premium ECO · Everest Plan ECO · Everest Line ECO	T11	Premium ECO · Everest Plan ECO · Everest Line ECO ECO Galva	

Left handed

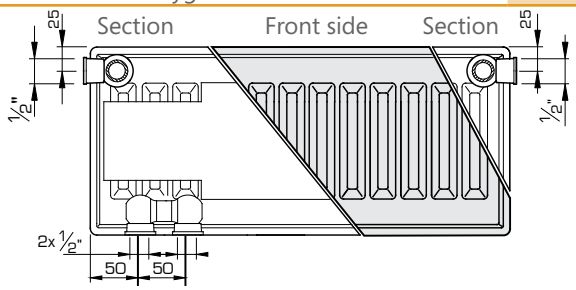


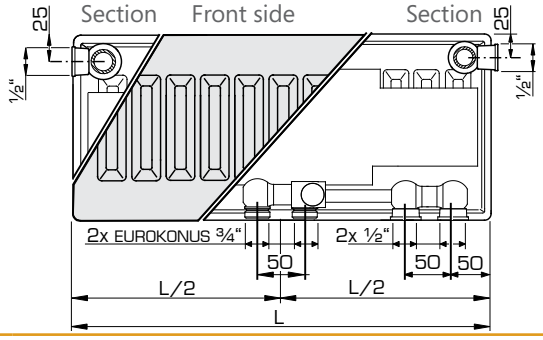


Right handed

Premium ECO · Everest Plan ECO · Everest Line ECO	T21, T22, T33	Premium ECO · Everest Plan ECO · Everest Line ECO ECO Galva	
Hygiene ECO	T20, T30	Hygiene ECO · Hygiene ECO Galva	

Left handed

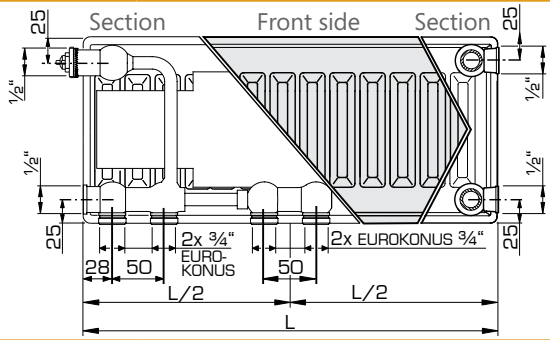


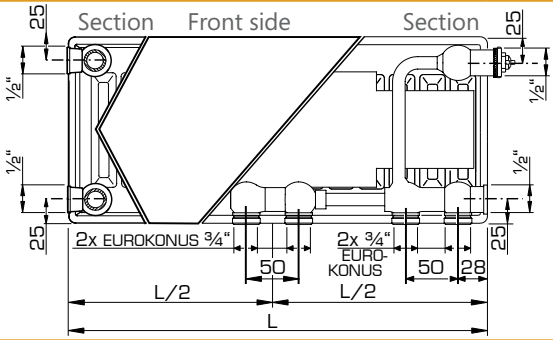


Right handed

		Hygiene Plan 8	T10, T20, T30
T21, T22, T33	Premium 8 · Everest Plan 8	Everest Plan 8 · Everest Line 8 · Premium 8	T11, T21, T22, T33

Left handed

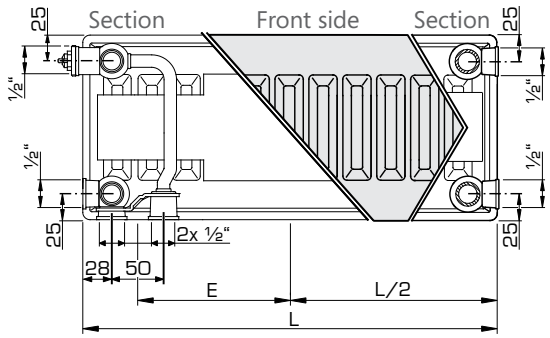


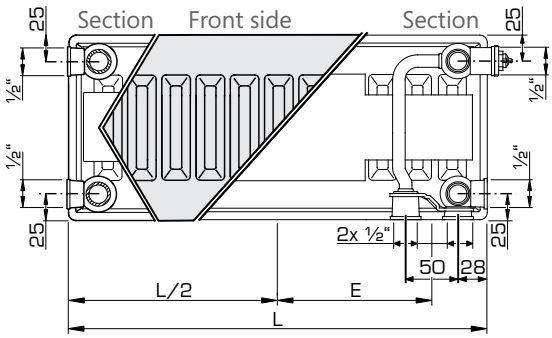


Right handed

T11, T21, T22, T33	Everest Plan · Premium All In		
Everest Plan Plinth (D) Everest Line Plinth (D) · Premium Plinth		T22	Everest Plan VENTO
		T22, T33, T44	Everest Plan Plinth (D) · Everest Line Plinth (D) · Premium Plinth

Left handed





Right handed

L: Length ; F: Centre distance = height - 50 mm ; minimum distance radiator bottom to floor: 150 mm.

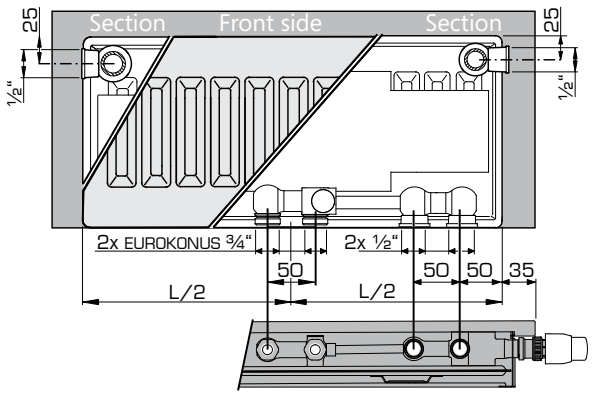
L (mm)	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
E (mm)	147	197	247	297	347	397	447	497	547	647	747	847	947	1047	1147	1247	1347	1447

Connection possibilities horizontal radiators: see page 145. Connection possibilities vertical radiators: see pages 78,79 and 113

MOUNTING DIMENSIONS VALVE RADIATORS

T21,
T22, T33

Everest Slim ECO



T11, T21,
T22, T33

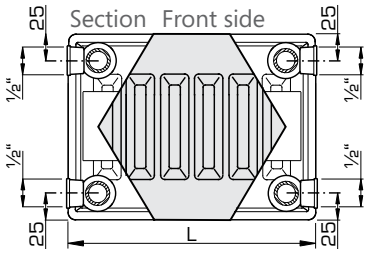
Compact Plan
Compact Line
Compact All In
Galva
Standard All In

T10, T20, T30

Hygiene
Hygiene Galva

T22

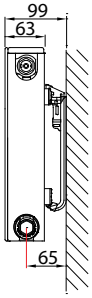
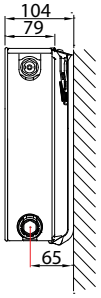
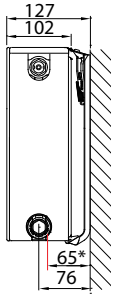
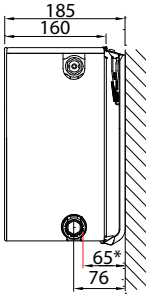
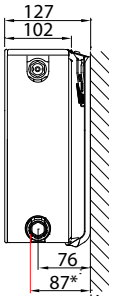
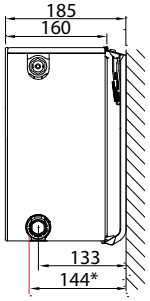
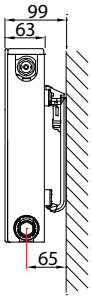
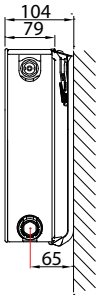
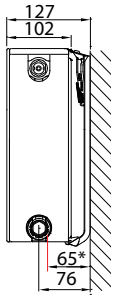
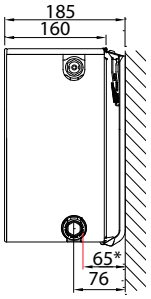
Compact VENTO



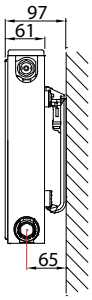
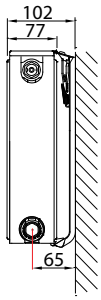
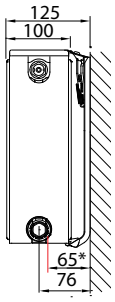
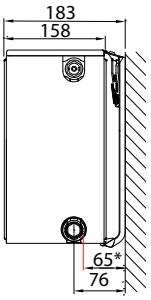
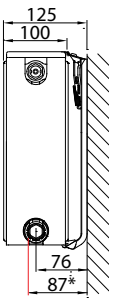
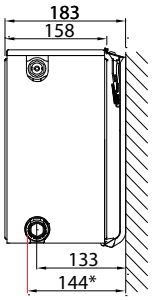
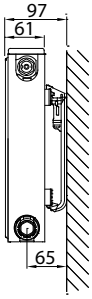
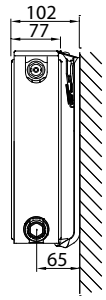
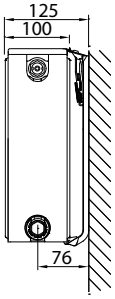
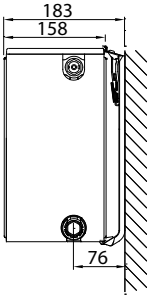
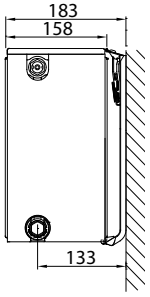
WALL BRACKETS

HORIZONTAL RADIATORS WITHOUT LUGS °

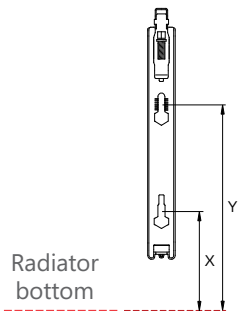
J-BRACKETS (MONCLAC, VDI 6036 - CLASS 3)

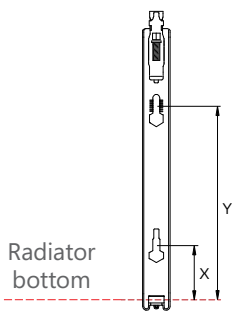
	T11 Right handed	T21 Right handed	T22 Right handed	T33 Right handed	T22 Left handed	T33 Left handed
EVEREST PLAN 8						
EVEREST LINE 8						

* centre onnection only

	Type 11	Type 21	Type 22	Type 33	T22 reversed radiator	T33 reversed radiator
PREMIUM 8						
PREMIUM ALL IN						

(° Types 11 have lugs)

Type 11 J-bracket VDI 6036 Cl. 3	x	y	Art. N°. 2 pcs.	Art. N°. 3 pcs.	Height mm
	/	140	R509203	R509303	300
	103	240	R509204	R509304	400
	103	340	R509205	R509305	500
	103	440	R509206	R509306	600
	103	540	R509207	R509307	700
	103	740	R509209	R509309	900

Types 21-33 J-bracket VDI 6036 Class 3	x	y	Art. N°. 2 pcs.	Art. N°. 3 pcs.	Height mm
	64	190	R510203	R510303	300
	64	290	R510204	R510304	400
	64	390	R510205	R510305	500
	64	490	R510206	R510306	600
	64	590	R510207	R510307	700
	64	790	R510209	R510309	900

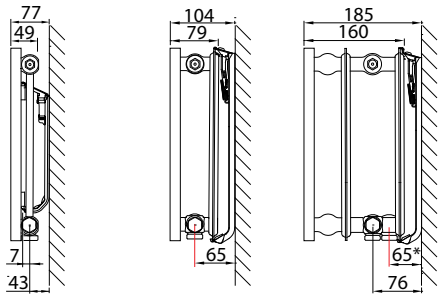
For lengths from 1.800 mm: 3 brackets needed.

HORIZONTAL RADIATORS WITHOUT LUGS °

J-BRACKETS (MONCLAC, VDI 6036 - CLASS 3)

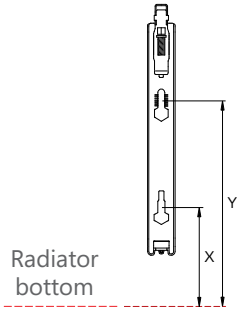
HYGIENE PLAN 8

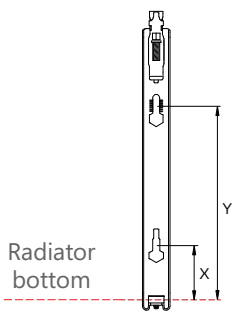
Type 10 | Type 20 | Type 30



* centre connection only

(° Types 10 have lugs)

Type 10 J-bracket VDI 6036 Class 2	x	y	Art. N°. 2 pcs.	Height mm
	/	130	R51120310	300
	115	230	R51120410	400
	115	330	R51120510	500
	115	430	R51120610	600
	115	530	R51120710	700
	115	730	R51120910	900

Types 20-30 J-bracket VDI 6036 Class 3	x	y	Art. N°. 1 pc.	Height mm
	64	190	R510103	300
	64	290	R510104	400
	64	390	R510105	500
	64	490	R510106	600
	64	590	R510107	700
	64	790	R510109	900

For lengths from 1.800 mm: 3 brackets needed.

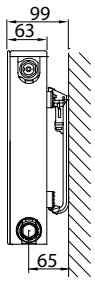
WALL BRACKETS

HORIZONTAL RADIATORS WITH LUGS

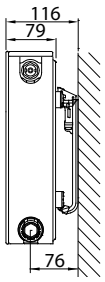
J-CONSOLES (TYPE MONCLAC, FOR VDI 6036 = CLASS 3, EXCEPT TYPE 10 = CLASS 2)

EVEREST PLAN VENTO
EVEREST PLAN ECO
EVEREST LINE ECO
EVEREST PLAN
COMPACT PLAN
COMPACT LINE

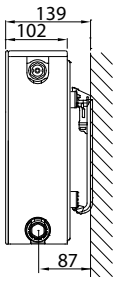
Type 11



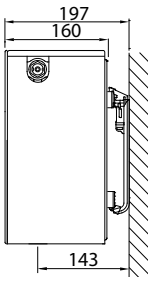
Type 21



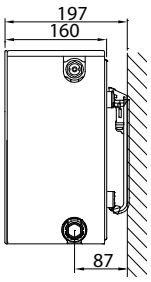
Type 22



Type 33 ECO

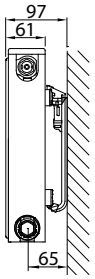


Type 33 not ECO

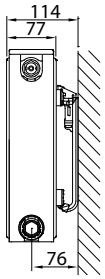


COMPACT VENTO
PREMIUM ECO
ECO GALVA
COMPACT ALL IN

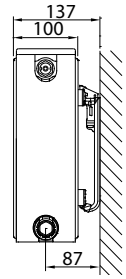
Type 11



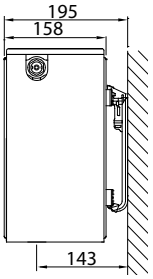
Type 21



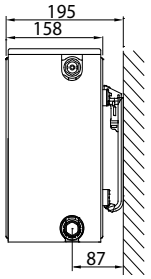
Type 22



Type 33 ECO

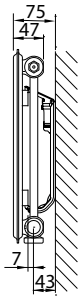


Type 33 not ECO

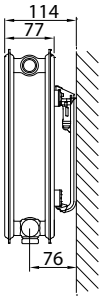


HYGIENE ECO
HYGIENE ECO GALVA
HYGIENE GALVA
HYGIENE

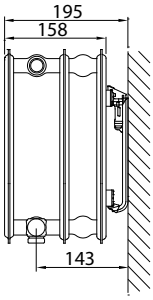
Type 10 ECO



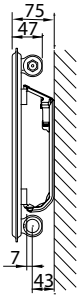
Type 20 ECO



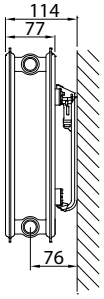
Type 30 ECO



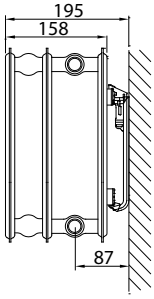
Type 10 not ECO

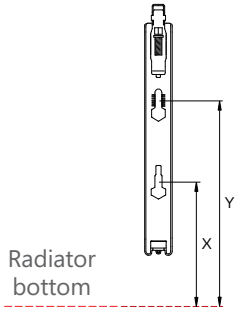


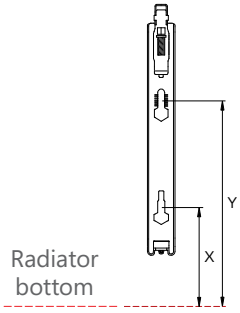
Type 20 not ECO



Type 30 not ECO



Type 10 J-bracket VDI 6036 Class 2	x	y	Art. N°. 2 pcs.	Height mm
	/	130	R51120310	300
	115	230	R51120410	400
	115	330	R51120510	500
	115	430	R51120610	600
	115	530	R51120710	700
	115	730	R51120910	900

Types 11-33 J-bracket VDI 6036 Class 3	x	y	Art. N°. 2 pcs.	Art. N°. 3 pcs.	Height mm
	/	140	R509203	R509303	300
	103	240	R509204	R509304	400
	103	340	R509205	R509305	500
	103	440	R509206	R509306	600
	103	540	R509207	R509307	700
	103	740	R509209	R509309	900

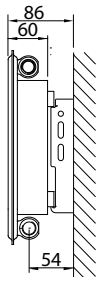
For lengths from 1.800 mm: 3 brackets needed.

HORIZONTAL RADIATORS WITH LUGS

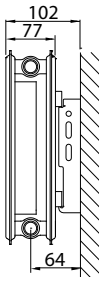
L-BRACKETS

STANDARD ALL IN GALVA

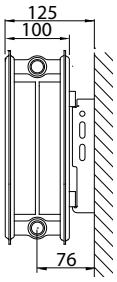
Type 11



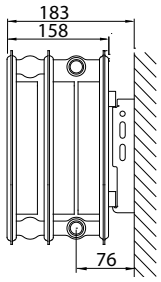
Type 21



Type 22



Type 33

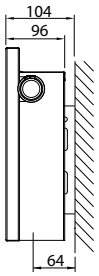


Remark T11-33: images show the short wall distances, wall distances increase with +15 mm when using the long bracket side.

EVEREST SLIM ECO

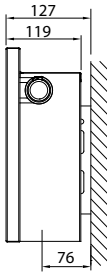
Type 21

short wall distance



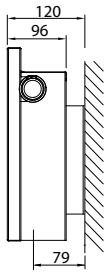
Type 22

short wall distance



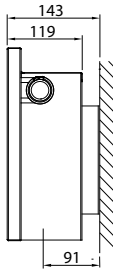
Type 21

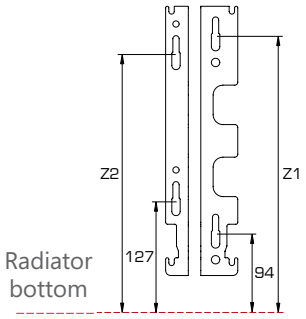
long wall distance



Type 22

long wall distance



Types 11-33			Art. N°.		Height
L-bracket (galvanised)	z1	z2	2 pcs.	3 pcs.	mm
	190	170	R512403	R512503	300
	290	270	R512404	R512504	400
	390	370	R512405	R512505	500
	490	470	R512406	R512506	600
	590	570	R512407	R512507	700
	790	770	R512409	R512509	900

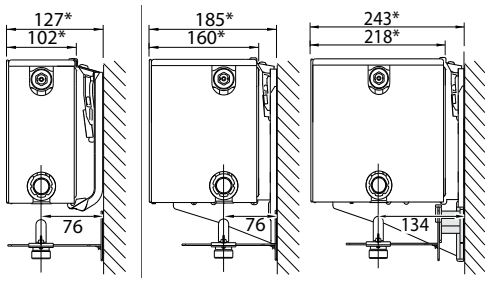
For lengths from 1.800 mm: 3 brackets needed.

PLINTH RADIATORS AND HORIZONTAL RADIATORS WITH LUGS

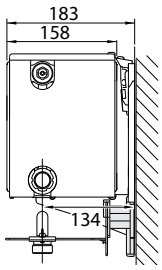
J-BRACKETS FOR PLINTH RADIATORS

EVEREST PLAN PLINTH
EVEREST LINE PLINTH
PREMIUM PLINTH

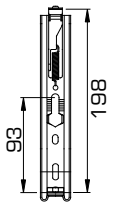
Type 22 | Type 33 | Type 44



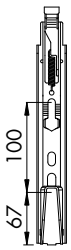
Type 33
Premium Plinth reversed



Type 22
Art. T1640



Types 33/44
Art. T1644 - T33
Art. T1645 - T44

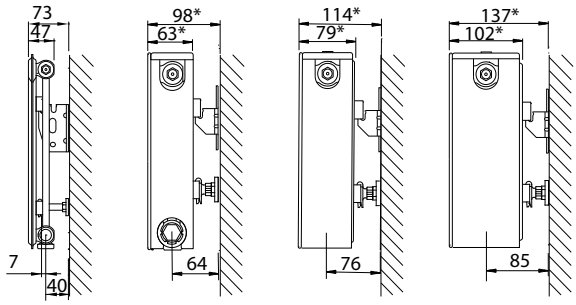


* : dimension -2 mm (without front panel)
View with mounting template Art. N°. T1642

Brackets to be ordered separately. For lengths from 1.800 mm: 3 brackets needed.

ANGLE BRACKET

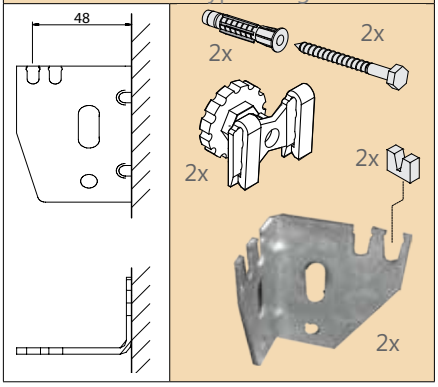
Type 10 | Type 11 | Types 20/21 | Type 22 | Types 30/33 ECO, Reno, Reno Plan | Types 30/33 not: ECO, Reno, Reno Plan



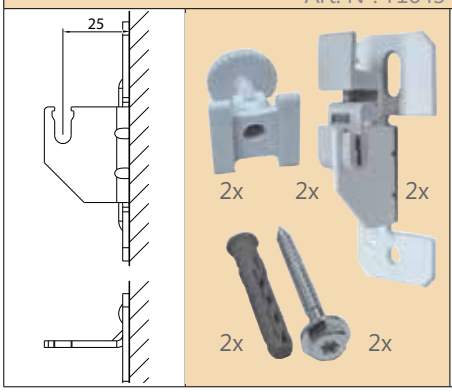
* : dimension -2 mm (without front panel)

Brackets to be ordered separately.
For lengths from 1.800 mm: 3 brackets needed.

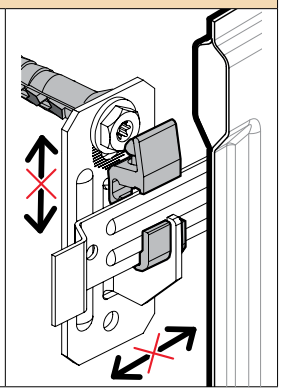
Art. N°. T1507 - Type 10 - galvanised



Art. N°. T1643 - Type 11-33 - white



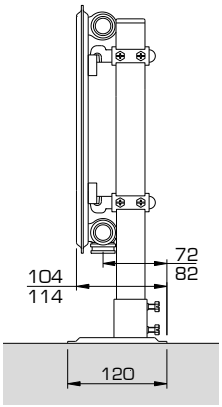
includes 2 wall brackets with anti-lift, anti-slide and distance piece, 2 ETA-certified screws and plugs (ETA-07/0121). Colour: painted white.



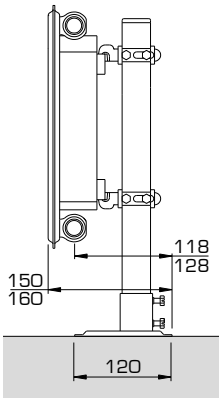
FLOOR STANDS - TYPES 10 & 11

PREMIUM ECO · HYGIENE ECO · EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8 · EVEREST LINE 8 · EVEREST PLAN HYGIENE PLAN 8 · COMPACT PLAN · COMPACT LINE · ECO GALVA · HYGIENE ECO GALVA · GALVA · HYGIENE GALVA · HYGIENE PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN · STANDARD ALL IN

Type 10



Type 11



Floor stands for finished floors:

For radiator heights:
- 300 to 600 mm: article N°. T1537
- 700 and 900 mm: article N°. T1538

Positions: see lug positions (page 144).

Content:
- 2 tubes
- 2 floor plates
- 4 clamps with saddle clips

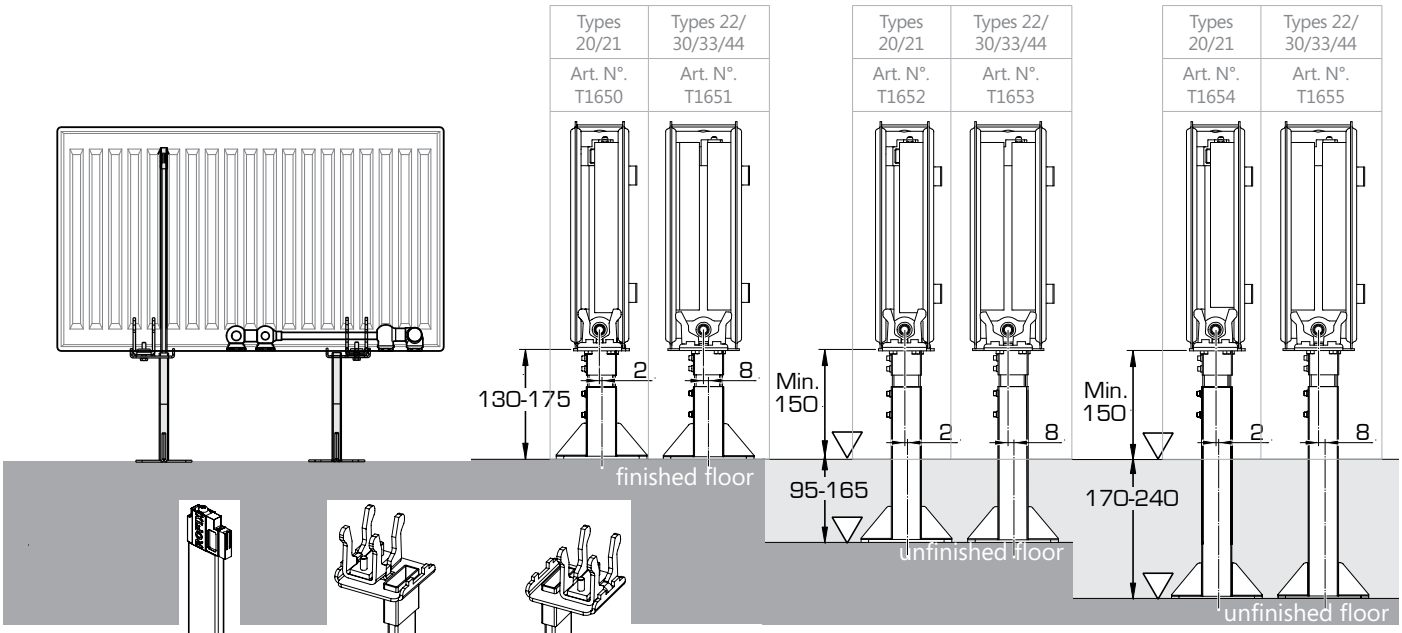
Colour: Henrad white 9016

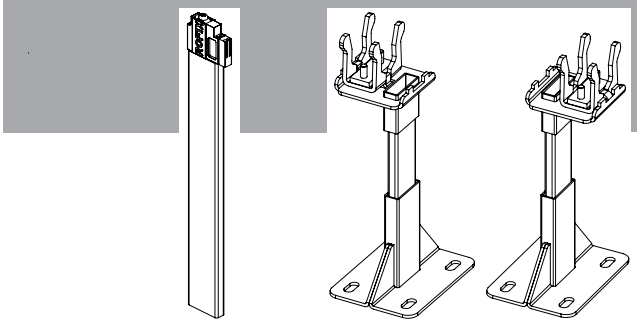
White cover: to be ordered separately

Art. N°. T1633

FLOOR STANDS

PREMIUM ECO · HYGIENE ECO · EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8 · EVEREST LINE 8
HYGIENE PLAN 8 · EVEREST PLAN · COMPACT PLAN · COMPACT LINE · EVEREST PLAN PLINTH · EVEREST LINE PLINTH
EVEREST PLAN PLINTH D · EVEREST LINE PLINTH D · ECO GALVA · HYGIENE ECO GALVA · PREMIUM PLINTH · RENO PLAN
RENO · GALVA · HYGIENE GALVA · HYGIENE · PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN · STANDARD ALL IN

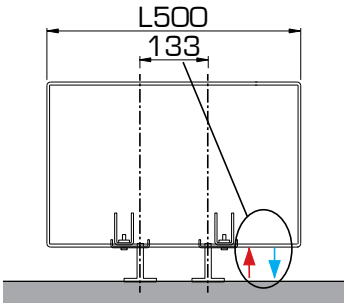




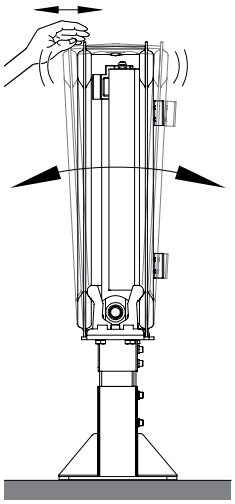
Art. N°. T1656 :
white stabilizer, needed for H >=500 mm, to be cut to length according to the radiator height
Black: Art. N°. T1666

Art. N°. T1650-T1655 :
(per set), consists of 2 white floor stands,
8 screws and plugs,
2 white covers.
Black: Art. N°. T1660-T1665

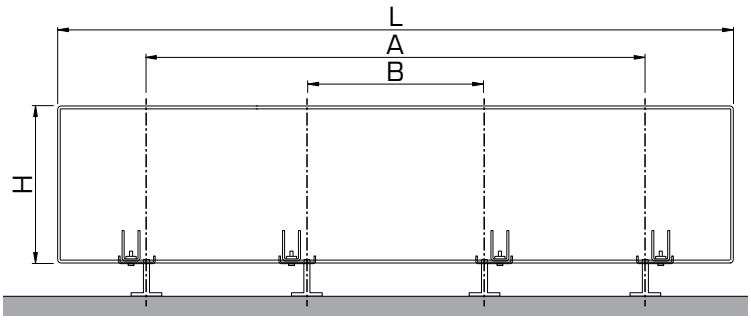
H	H200-H700			H900		
L	A	B		A	B	
L600	233	-	2x	233	-	2x
L700	267	-		267	-	
L800	367	-		367	-	
L900	400	-		400	-	
L1000	433	-		433	-	
L1100	533	-		533	-	
L1200	567	-		567	-	
L1400	900	-	2x	900	300	4x
L1600	1100	-		1100	300	
L1800	1100	-		1100	300	
L2000	1300	-		1300	433	
L2200	1700	567	4x	1700	567	4x
L2400	1900	633		1900	633	
L2600	2100	700		2100	700	
L2800	2300	767		2300	767	
L3000	2500	1033		2500	1033	



L500:
centre connection is not possible



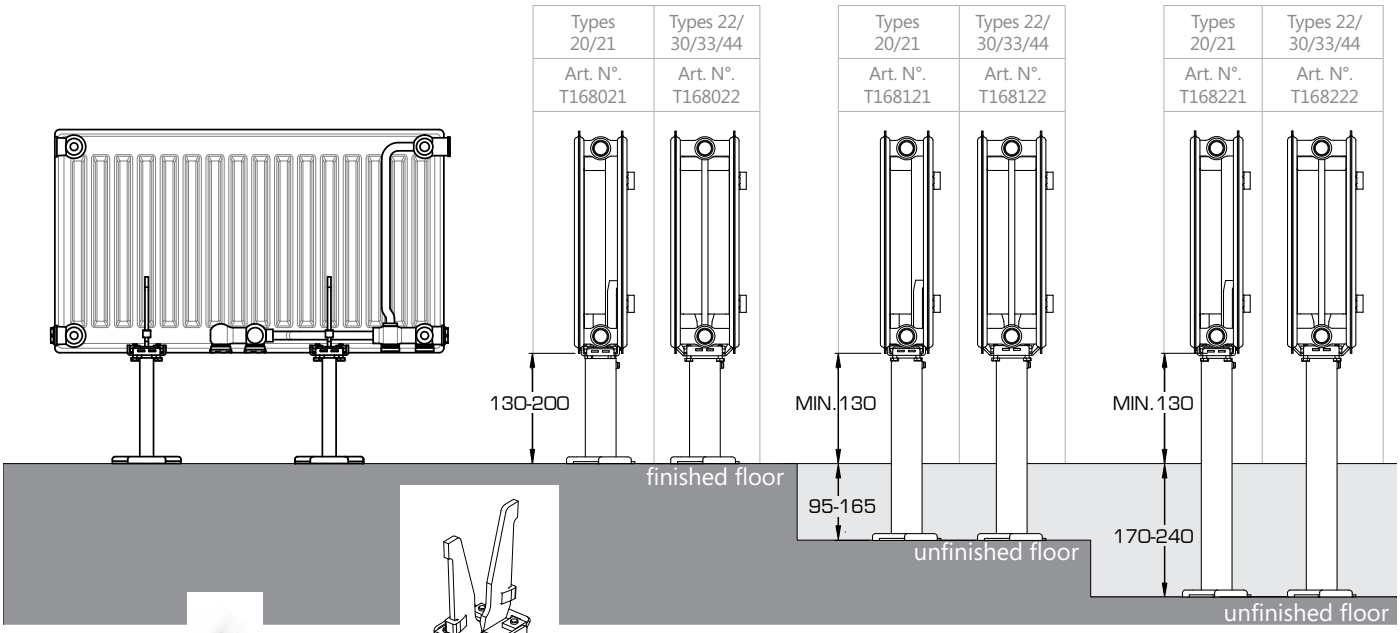
Forward and backward movements remain possible for high radiators.



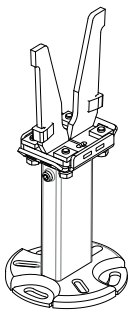
Remark:
When connecting with tubes coming from the floor, new floor stand positions can be necessary.

FLOOR STANDS

PREMIUM ECO · HYGIENE ECO · EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8 · EVEREST LINE 8
HYGIENE PLAN 8 · EVEREST PLAN · COMPACT PLAN · COMPACT LINE · EVEREST PLAN PLINTH · EVEREST LINE PLINTH
EVEREST PLAN PLINTH D · EVEREST LINE PLINTH D · ECO GALVA · HYGIENE ECO GALVA · PREMIUM PLINTH · RENO PLAN
RENO · GALVA · HYGIENE GALVA · HYGIENE · PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN · STANDARD ALL IN

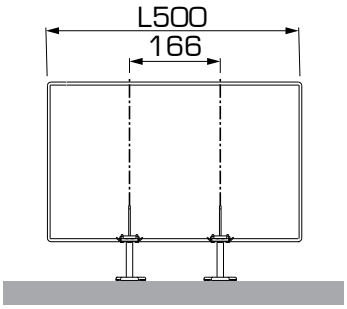


Art. N°.
T1684 Tube cover
T1683 Foot cover
(incl. with T168021
& T168022)

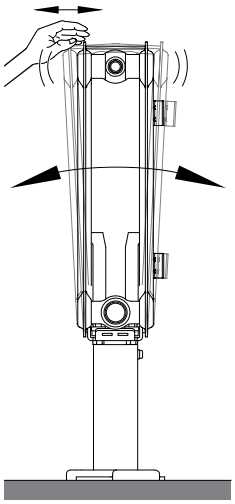


Art. N°.
T168021-T168221
& T168022-T168222
white, per piece

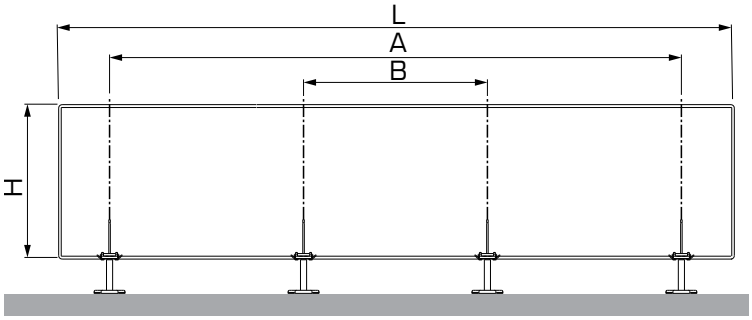
H	H200-H600			H700-900		
L	A	B		A	B	
L600	266	-	2x	266	-	2x
L700	366	-		366	-	
L800	400	-		400	-	
L900	434	-		434	-	
L1000	466	-		466	-	
L1100	566	-		566	-	
L1200	666	-		666	-	
L1400	1066	-		1066	400	4x
L1600	1266	-		1266	666	
L1800	1466	-		1466	666	
L2000	1666	866	4x	1666	866	
L2200	1866	600		1866	600	
L2400	2066	666		2066	666	
L2600	2266	733		2266	733	
L2800	2466	800		2466	800	
L3000	2666	1066		2666	1066	



L500:
not possible for ECO-radiators
or radiators with 8 connections.



Forward and
backward movements
remain possible for
high radiators.



Remark:
Floorstands T168021 and T168022 (finished floor) are VDI 6036 class 3 compliant, if the floordistance does not exceed 150 mm.

VALVED DESIGN CONNECTION FITTING

VERONA VERTICAL · VENICE · ARNO SINGLE · ARNO DOUBLE · ALTO SWING · ALTO TANGO · ALTO SLIM
ALTO PLAN · ALTO LINE · VERTICAL GALVA · ALTO · OCEANUS CT · APHRODITE CT

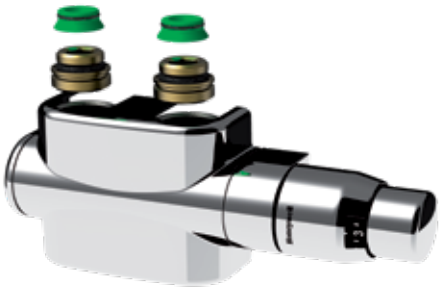
SPECIFICATIONS

- design cover
- design thermostatic head
- 2x ¾" - ½" reduction
- 2x conical adapter
- Inlet on thermostatic head side
- valve with adjustable Kv (8 presettings)
- maximum operating temperature: 90°C
- maximum operating pressure: 6 bar
- maximum tightening torque: 35 Nm
- body in white high-quality plastic

The valve cannot be replaced.
For two-pipe systems, not suitable for one-pipe systems.

DESIGN CONNECTION SET STRAIGHT PIPING WITH LEFT OR RIGHT HANDED VALVE (REVERSIBLE)

Art. N°. T2121 - white
Art. N°. T2122 - chrome



DESIGN CONNECTION SET ANGLE PIPING WITH LEFT HANDED VALVE

Art. N°. T2123 - white
Art. N°. T2124 - chrome

DESIGN CONNECTION SET ANGLE PIPING WITH RIGHT HANDED VALVE

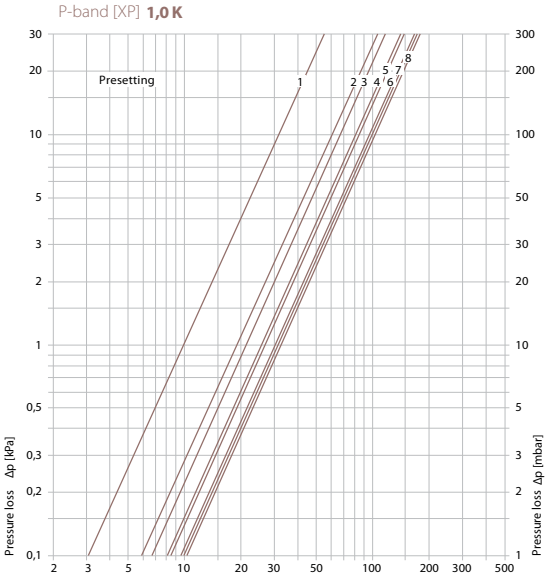
Art. N°. T2125 - white
Art. N°. T2126 - chrome

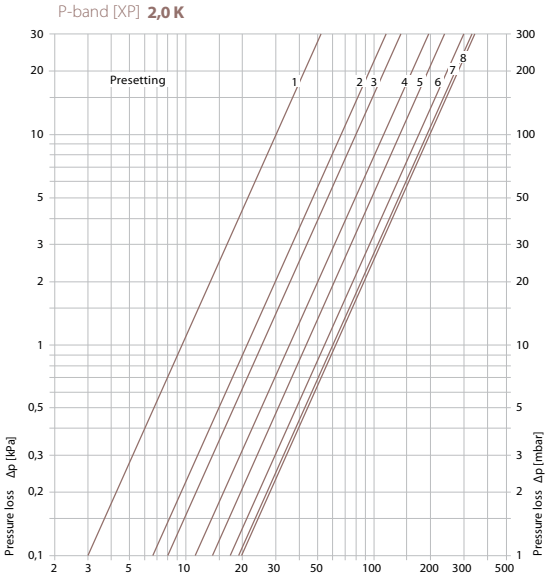
Do not use art. N°. T2125 and T2126 for:
Alto Swing, Alto Tango, Alto Slim, Alto Plan and Alto Line

VALVED DESIGN CONNECTION FITTING

ADJUSTMENT OF THE VALVED CONNECTION FITTI NG

Presetting	p-band xp 2,0 K	p-band xp 1,0 K
1	0,10	0,10
2	0,21	0,19
3	0,26	0,21
4	0,36	0,25
5	0,44	0,27
6	0,54	0,32
7	0,60	0,32
8	0,61	0,33





LOCK FUNCTION

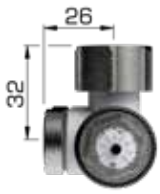
The lock function can be used to lock the radiator without shutting down the heating system.

The valved design connection fitting closes the inlet and outlet by closing the closing screw and the thermostatic head.

MOUNTING DIMENSIONS

The supplied adapters enable the connection fitting to be fitted on the most commonly used connections:
¾ external thread with flat sealing,
¾ external thread Eurocone and
½" internal thread.

The mounting dimensions are also valid for the connection fittings without valve.



¾" external thread with flat sealing

¾" external thread Eurocone

½" internal thread

CONNECTION FITTINGS WITHOUT VALVE

PREMIUM ECO · HYGIENE ECO · EVEREST SLIM ECO · EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8
EVEREST LINE 8 · HYGIENE PLAN 8 · EVEREST PLAN · EVEREST PLAN PLINTH · EVEREST LINE PLINTH · EVEREST PLAN PLINTH D
EVEREST LINE PLINTH D · ECO GALVA · HYGIENE ECO GALVA · PREMIUM PLINTH · PREMIUM 8 · PREMIUM ALL IN

SPECIFICATIONS

- for horizontal radiators with integrated valve
- body in white high-quality plastic
- 2x conical adapter
- maximum operating temperature: 90°C
- maximum operating pressure: 6 bar
- maximum tightening torque: 35 Nm

For two-pipe systems, not suitable for one-pipe systems.

STRAIGHT VERSION (TUBES OUT OF THE FLOOR)

Art. N°. T2104 without drain - white (1 pc.)
Art. N°. T2105 with drain - white (1 pc.)

Art. N°. T2104

Art. N°. T2105

ANGULAR VERSION (TUBES OUT OF THE WALL)

Art. N°. T2106 without drain - white (1 pc.)
Art. N°. T2107 with drain - white (1 pc.)

Art. N°. T2106

Art. N°. T2107

LOCK FUNCTION

The lock function can be used to lock the radiator without shutting down the heating system.
Inlet and outlet are closed by closing the closing screw.

Mounting dimensions and connections: see previous.

DRAIN

Lock the radiator first, opening the air vent speeds up the process.

Hose nipple Art. N°. T2114 unlocks the drain function.

Art. N°. T2114

THERMOSTATIC VALVE

Art. N°. T1232
Compatible with Henrad valve radiators (M30 x 1,5 mm)
Tested according to EN 215-1
Colour: white

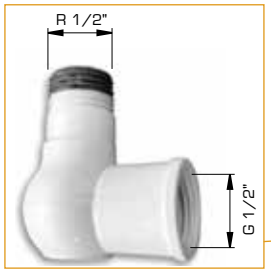
Art. N°. T1232

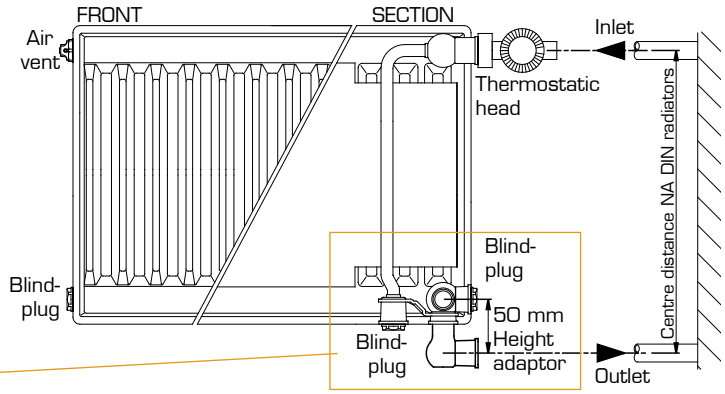
DIN-RADIATORS STEEL/CAST IRON: REPLACEMENT RADIATOR

By using the ½" elbow, the valved radiators Everest Plan and Premium All In can, due to their construction with 6 connections and all ECO radiators T10-11, easily replace old steel or cast iron DIN radiators. The desired wall distance can be obtained by using a drill bracket.

DIN Radiators	Everest Plan Premium All In ECO radiators T10-11
NA 500	BH 500, with elbow
NA 900	BH 900, with elbow

Art. N°. T2053
Elbow 1/2"
painted in
Henrad white 9016



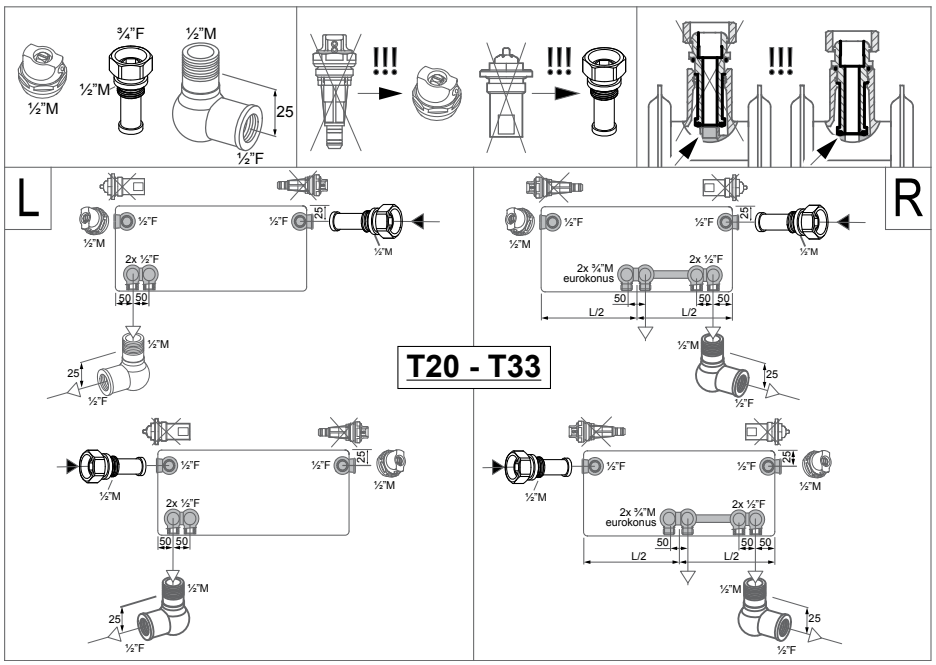


RENOVATION SET FOR ECO RADIATORS

Due to their construction ECO radiators with 6 connections can easily replace old steel or cast iron DIN radiators.
The desired wall distance can be obtained by using a drill bracket.

DIN-Radiators	ECO radiators T20-33
NA 500	BH 500, with elbow
NA 900	BH 900, with elbow

Art. N°. T2130



HYDRAULIC BALANCING OF HEATING SYSTEMS

Hydraulic balancing of heating systems (tubes, fittings, inserts, etc.), which is required by several European standards, is a mandatory measure for the reduction of energy consumption and cost.

The radiators of a heating system have to supply a heat output that corresponds to the heat demand of the rooms in which they are installed. That heat output depends on the radiator size, the water temperature and the water flow rate through the radiator. Therefore, as various radiator sizes are usually installed in a heating system, the total pump flow rate has to be divided into unequal parts to the radiators. This cannot be realised by the pump.

Consequently, in an unbalanced heating system it is very likely that the flow rate through small radiators will be too high and that through large radiators too low. Moreover, because water tends to follow the path offering the least resistance, some radiators will be disadvantaged due to the larger distance to the boiler for instance.

Having too high a flow rate through the radiator can generate noise, whereas the heat output increase is relatively low. In addition the water returns to the boiler at a higher temperature, which can lead to lower boiler efficiency, especially when using condensing boilers. On the other hand, if a radiator receives too little flow rate, it is likely not to supply enough heat output. Leaving heating systems unbalanced generally results in customer complaints, insufficient comfort and increased heating costs.

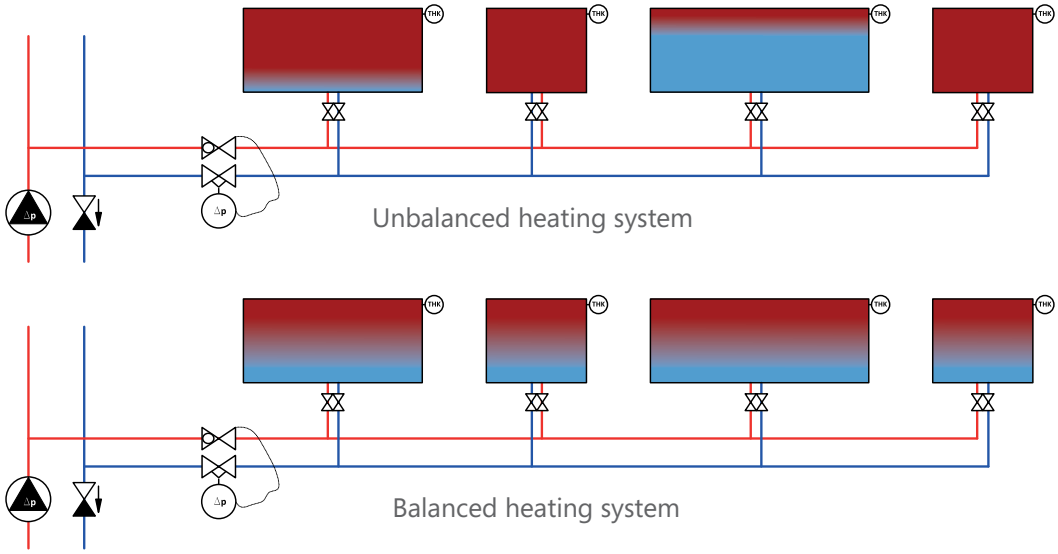
In practice the pump flow rate is frequently increased to solve the problem of radiators that do not heat up sufficiently. However, this generally leads to more complaints due to noise amplification in the system as well as higher energy consumption.

To solve this problem it is necessary to balance the heating system by adjusting the flow rate through each radiator.

Advantages of hydraulic balancing:

- Reduction of CO_2 emission
- Energy savings (up to 6%)
- Thermal comfort
- No noise problem
- Compliance to standards

Considering the reduction of both CO_2 and energy consumption, Henrad recommends the hydraulic balancing of heating systems.



Determination of mass flow:

The mass flow rate "$\dot{m}$" of a radiator depends on:

- Heat output "$\dot{Q}$" at required temperatures (e.g. 70/55/20°C)
- Water temperature drop across the radiator (T_{inlet} - T_{outlet}).

and can be determined using the following simplified formula:

$$\text{Mass flow } \dot{m} = \frac{\dot{Q}}{1{,}163\ (T_{Inlet} - T_{Outlet})} \quad \text{ou} \quad \dot{m} = \frac{\dot{Q} \times 3600}{4186 \times (T_{Inlet} - T_{Outlet})}$$

VALVE INSERT

PREMIUM ECO · HYGIENE ECO · EVEREST SLIM ECO · EVEREST PLAN ECO · EVEREST LINE ECO · EVEREST PLAN 8 HYGIENE PLAN 8 · EVEREST LINE 8 · EVEREST PLAN · ECO GALVA · HYGIENE ECO GALVA · PREMIUM 8 · PREMIUM ALL IN

For easier hydraulic balancing, Henrad (*) radiators have factory-fitted valves with a preset Kv-value.
5 presets have been defined with 5 different coloured caps (yellow, white, red, black, blue).

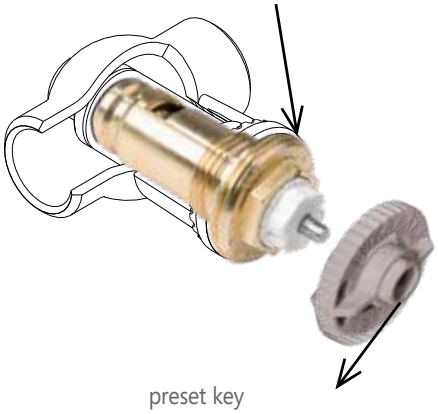
These factory presets are based on the operating conditions below:
- emmisions at 70/55/20 °C (tinlet - toutlet = 15 °C),
- pressure drop Δp = 100 mbar,
- P-band of 1K.

For other working conditions a readjustement may be necessary, using the preset key (Art. N°. T1622) and the tables of pages 166 and 167.
A replacement of the insert can be necessary.

In 1-pipe systems the insert needs to be set at position "8".

fine	normal			
Heimeier Art. N°. 4369	Heimeier Art. N°. 4368			
Henrad Art. N°. R4216	Henrad Art. N°. R4218	Henrad Art. N°. R4219	Henrad Art. N°. R4220	Henrad Art. N°. R4221
yellow	white	red	black	blue
preset 2,5	preset. 2,5	preset. 4,5	preset. 6	preset. 8
presetting 1-8	presetting 1-8			

Thermostatic head:
M30 x 1,5 mm



preset key
Henrad Art. N°. T1622

* no presetting for Premium Plinth, Everest Line Plinth, Everest Line Plinth D, Everest Plan Plinth and Everest Plan Plinth D

VALVE INSERT: FACTORY PRESETTINGS

PREMIUM ECO

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1000	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8
1100	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8
1200	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	8	8	8
1600		2.5	2.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	6	8	8	6	8	8	8
1800		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8
2000		2.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8	8	8	8	8
2200		4.5	4.5	8		4.5	8	8	4.5	6	8	8	6	8	8	8								
2400		4.5	6	8		6	8	8	4.5	8	8	8	6	8	8	8								
2600			6				8				8				8									
2800			8				8				8				8									
3000			8				8				8				8									

HYGIENE ECO · HYGIENE ECO GALVA

Height	300			400			500			600			700			900		
Type	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5
600	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5
700	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5
800	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5
900	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	4.5
1000	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5
1100	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	6
1200	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	6
1400	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	6	2.5	4.5	8
1600		2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	6	2.5	4.5	8	2.5	6	8
1800		2.5	4.5	2.5	2.5	4.5	2.5	4.5	6	2.5	4.5	8	2.5	4.5	8	4.5	8	8
2000		2.5	4.5	2.5	2.5	6	2.5	4.5	8	2.5	4.5	8	2.5	6	8	4.5	8	8
2200		2.5	4.5		4.5	6	2.5	4.5	8	2.5	6	8						
2400		2.5	4.5		4.5	8	2.5	4.5	8	2.5	6	8						
2600		4.5			4.5			6			8							
2800		4.5			4.5			6			8							
3000		4.5			6			8			8							

ECO GALVA

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1000	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8
1100	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8
1200	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	8	8	8
1600		2.5	2.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	6	8	8	6	8	8	8
1800		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8
2000		2.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8	8	8	8	8
2200		4.5	4.5	8		4.5	8	8	4.5	6	8	8	6	8	8	8								
2400		4.5	6	8		6	8	8	4.5	8	8	8	6	8	8	8								
2600			6				8				8				8									
2800			8				8				8				8									
3000			8				8				8				8									

HENRAD NV:PL20/0002/E001

VALVE INSERT: FACTORY PRESETTINGS

EVEREST SLIM ECO

Height	545		645	
Type	21	22	21	22
670	5.5	2.5	2.5	2.5
870	2.5	2.5	2.5	2.5
1070	2.5	2.5	2.5	4.5
1270	2.5	4.5	2.5	4.5
1470	2.5	4.5	4.5	6
1670	4.5	4.5	4.5	6
1870	4.5	6	6	8
2070	4.5	8	6	8

HENRAD NV:PL20/0002/E001

EVEREST PLAN VENTO

Height	400	600	900
Type	22		
500	2.5	2.5	2.5
600	2.5	2.5	4.5
700	2.5	2.5	4.5
800	2.5	4.5	4.5
900	2.5	4.5	6
1000	4.5	4.5	6
1100	4.5	6	8
1200	4.5	6	8
1400	6	8	8
1600	6	8	8
1800	8	8	
2000	8	8	

HENRAD NV:PL20/0002/E001

EVEREST PLAN ECO

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
600	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
800	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8
1000	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1100	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8
1200	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	4.5	8	2.5	4.5	6	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	6	8	4.5	6	8	8
1600		2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	6	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8
1800		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
2000		2.5	4.5	6	2.5	4.5	6	8	4.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8
2200		4.5	4.5	8		4.5	6	8	4.5	6	8	8	4.5	8	8	8								
2400		4.5	6	8		6	8	8	4.5	6	8	8	6	8	8	8								
2600			6				8				8				8									
2800			6				8				8				8									
3000			8				8				8				8									

HENRAD NV:PL18/0004/E001

EVEREST LINE ECO

Height	300		400				500				600				700				900			
Type	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400							5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
600			5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5
700			5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
800	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
900	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8
1000	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1200	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	4.5	8	2.5	4.5	6	8
1400	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8
1600	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	6	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8
1800	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
2000	4.5	6	2.5	4.5	6	8	4.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8

HENRAD NV:PL18/0004/E001

VALVE INSERT: FACTORY PRESETTINGS

EVEREST PLAN 8

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	8
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1000	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8
1100	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	4.5	8	2.5	4.5	6	8
1200	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8
1600		2.5	2.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8
1800		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
2000		2.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8
2200		4.5	4.5	8		4.5	8	8	4.5	6	8	8	4.5	8	8	8								
2400		4.5	6	8		4.5	8	8	4.5	6	8	8	6	8	8	8								
2600			6				8				8				8									
2800			8				8				8				8									
3000			8				8				8				8									

HENRAD NV-PL20/0002/E001

EVEREST LINE 8

Height	300		400				500				600				700				900			
Type	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400							5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
600			5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	5.5	2.5	2.5	4.5
700			5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
800	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
900	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8
1000	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1200	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8
1400	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	6	8	4.5	6	8	8
1600	2.5	4.5	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8
1800	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
2000	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8

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PREMIUM 8

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	6	8
1000	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8
1100	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8
1200	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	8	8	8
1600		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
1800		2.5	4.5	6	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8
2000		2.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8	6	8	8	8	8	8	8	8
2200		4.5	6	8		4.5	8	8	4.5	6	8	8	6	8	8	8								
2400		4.5	6	8		6	8	8	4.5	8	8	8	6	8	8	8								
2600			6				8				8				8									
2800			8				8				8				8									
3000			8				8				8				8									

HENRAD NV-PL20/0002/E001

VALVE INSERT: FACTORY PRESETTINGS

EVEREST PLAN

Height	300		400			500				600				700				900			
Type	22	33	11	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400		5.5	5.5	5.5		5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5				2.5	5.5	5.5	2.5	2.5
500	5.5	5.5	5.5	5.5		5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	2.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	2.5	5.5	2.5		5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	8
900	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8
1000	2.5	2.5	5.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8
1100	2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8			4.5	8	2.5	4.5	6	8
1200	2.5	4.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8			6	8	2.5	4.5	8	8
1400	2.5	4.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8			8	8	4.5	6	8	8
1600	2.5	6	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8			8	8	4.5	8	8	8
1800	4.5	6	2.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8				8	6	8	8	8
2000	4.5	8	2.5	6	8	4.5	4.5	8	8	4.5	6	8	8			8	8				
2200	4.5	8		8	8	4.5	6	8	8	4.5	8	8	8								
2400	6	8		8	8	4.5	6	8	8	6	8	8	8								
2600	6			8				8				8									
2800	8			8				8				8									
3000	8			8				8				8									

HENRAD NV-PL20/0002/E001

PREMIUM ALL IN

Height	300				400				500				600				700				900			
Type	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5
600	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5
700	5.5	5.5	5.5	2.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6
800	5.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8
900	5.5	5.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	6	2.5	4.5	6	8
1000	5.5	2.5	2.5	2.5	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8
1100	5.5	2.5	2.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	2.5	4.5	8	2.5	4.5	6	8	2.5	4.5	8	8
1200	5.5	2.5	2.5	4.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8
1400	5.5	2.5	2.5	4.5	2.5	2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	4.5	8	8	4.5	8	8	8
1600		2.5	4.5	6	2.5	4.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	6	8	8	6	8	8	8
1800		2.5	4.5	6	2.5	4.5	6	8	2.5	4.5	8	8	4.5	6	8	8		8	8	8	6	8	8	8
2000		2.5	4.5	8	2.5	4.5	6	8	4.5	6	8	8	4.5	8	8	8		8	8	8	8	8	8	8
2200		4.5	6	8		4.5	8	8	4.5	6	8	8	6	8	8	8								
2400		4.5	6	8		6	8	8	4.5	8	8	8	6	8	8	8								
2600			6				8				8				8									
2800			8				8				8				8									
3000			8				8				8				8									

HENRAD NV-PL17/0034/E007

HYGIENE PLAN 8

Height	300			400			500			600			700			900		
Type	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30
400		5.5	5.5		5.5	5.5		5.5	5.5		5.5	5.5		5.5	2.5		5.5	2.5
500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5
600	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	2.5	5.5	2.5	2.5
700	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5
800	5.5	5.5	5.5	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	5.5	2.5	4.5
900	5.5	5.5	5.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	5.5	2.5	4.5
1000	5.5	5.5	2.5	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	4.5	2.5	2.5	4.5
1100	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	2.5	6	2.5	2.5	6
1200	5.5	5.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	2.5	2.5	4.5	6	2.5	4.5	6
1400	5.5	2.5	2.5	5.5	2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	8	2.5	4.5	8
1600		2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	4.5	2.5	4.5	8	2.5	4.5	8
1800		2.5	2.5	5.5	2.5	4.5	2.5	2.5	4.5	2.5	4.5	6	2.5	6	8	2.5	6	8
2000		2.5	4.5	2.5	2.5	4.5	2.5	4.5	6	2.5	4.5	8	4.5	8	8	4.5	8	8
2200		2.5	4.5		2.5	6	2.5	4.5	8	2.5	4.5	8						
2400		2.5	4.5		4.5	6	2.5	4.5	8	2.5	6	8						
2600		2.5			4.5			4.5			6							
2800		2.5			4.5			6			8							
3000		4.5			4.5			6			8							

HENRAD NV-PL20/0002/E001

VALVE INSERT: SETTING READJUSTEMENT (4368)

Max. 1 K P-band 4368

mass flow radiator Q̇ [W]		200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4800	5300	6500	6800	7200
Δt [K]	Δp [mbar]	preset value																												
10	50	1	1	1	2	3	3	4	5	6	7																			
	100	1	1	1	1	2	2	3	3	4	4	5	7																	
	150		1	1	1	1	2	2	2	3	3	4	5	6	8															
15	50	1	1	1	1	2	2	2	3	3	4	5	6																	
	100			1	1	1	1	2	2	2	2	3	4	5	5	6	8													
	150				1	1	1	1	1	2	2	2	3	3	4	5	5	6	7											
20	50			1	1	1	1	2	2	2	3	3	4	5	6	7														
	100				1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7										
	150					1	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	6	7	8						
40	50						1	1	1	1	1	1	2	2	2	3	3	3	4	4	5	5	5	6	6	7				
	100								1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	4	4	5	6		
	150									1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	5	6	7	8

Q̇ = heat output Δp = pressure drop Δt = temperature spread 100 mbar = 10kPA = 1mWS

Max. 2 K P-band 4368

mass flow radiator Q̇ [W]		200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4800	5300	6500	6800	7200
Δt [K]	Δp [mbar]	preset value																												
10	50	1	1	1	2	2	3	3	3	4	5	5	6	7	8															
	100	1	1	1	1	2	2	2	2	3	3	4	5	5	6	6	7	7	8											
	150		1	1	1	1	2	2	2	2	3	3	4	4	5	5	6	6	7	7	8	8								
15	50		1	1	1	1	2	2	2	3	3	3	4	5	5	6	6	7	8	8										
	100			1	1	1	1	1	2	2	2	2	3	3	4	4	5	5	6	6	6	7	7	7	8	8				
	150				1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	5	6	6	6	6	7	8			
20	50			1	1	1	1	2	2	2	2	3	3	3	4	5	5	5	6	6	7	7	7	8	8					
	100				1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	5	5	6	6	6	7	8		
	150					1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	7	8	
40	50						1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	5	5	6	7	7	8
	100								1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	6
	150										1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	4	5

Q̇ = heat output Δp = pressure drop Δt = temperature spread 100 mbar = 10kPA = 1mWS

Example:

Premium ECO T22 500 x 1400 needs to operate at:
- 60/40/20°C
- Pressure drop Δp = 50mbar

Factory-fitted valve insert: Red (4368, preset at position 4,5).
Heat output at 60/40/20°C: 1008 Watt
Δt = 20°C (=60-40)

According to the table above:
- P-band 1K: Readjust to position 3.
- P-band 2K: Readjust to position 2.

VALVE INSERT: SETTING READJUSTEMENT (4369)

Max. 1 K P-band — 4369

mass flow radiator Q̇ [W]	200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4800	5300	6500	6800	7200
Δt [K] / Δp [mbar]	preset value																													
10 / 50	4	5	7																											
10 / 100	2	3	5	6	8																									
10 / 150	1	2	3	5	7	8																								
15 / 50	2	3	4	6	8																									
15 / 100	1	1	2	4	5	6	8																							
15 / 150	1	1	1	2	4	5	6	7	8																					
20 / 50	1	1	2	4	5	7	8																							
20 / 100	1	1	1	2	3	5	5	6	8	8																				
20 / 150	1	1	1	1	2	3	4	5	5	7	8																			
40 / 50		1	1	1	1	2	3	4	5	5	7	8																		
40 / 100			1	1	1	1	1	2	3	3	5	5	6	8	8															
40 / 150				1	1	1	1	1	2		3	4	5	5	7	8	8													

Q̇ = heat output Δp = pressure drop Δt = temperature spread 100 mbar = 10kPA = 1mWS

Max. 2 K P-band — 4369

mass flow radiator Q̇ [W]	200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4800	5300	6500	6800	7200
Δt [K] / Δp [mbar]	preset value																													
10 / 50	3	5	6	7	8	8																								
10 / 100	1	3	4	5	6	7	8	8	8																					
10 / 150	1	1	3	4	6	6	7	7	8	8																				
15 / 50	1	3	3	5	6	7	7	8	8	8																				
15 / 100	1	1	1	3	5	5	6	6	7	8	8	8																		
15 / 150	1	1	1	1	3	4	5	6	6	6	7	8	8																	
20 / 50	1	1	1	3	5	6	6	7	7	8	8																			
20 / 100	1	1	1	1	3	4	5	5	6	6	7	8	8	8																
20 / 150		1	1	1	1	3	3	4	5	6	6	7	7	8	8	8														
40 / 50		1	1	1	1	1	3	3	4	5	6	6	7	7	8	8	8	8												
40 / 100				1	1	1	1	1	3	3	4	5	5	6	6	6	7	7	8	8	8	8	8	8						
40 / 150					1	1	1	1	1	1	3	3	4	5	6	6	6	6	7	7	7	8	8	8	8	8				

Q̇ = heat output Δp = pressure drop Δt = temperature spread 100 mbar = 10kPA = 1mWS

Example:

Premium ECO T11 900 x 500 needs to operate at:
- 80/70/20°C
- Pressure drop Δp = 50mbar

Factory-fitted valve insert: Yellow (4369, preset at position 5,5).
Heat output at 80/70/20°C: 769 Watt
Δt = 10°C (=80-70)

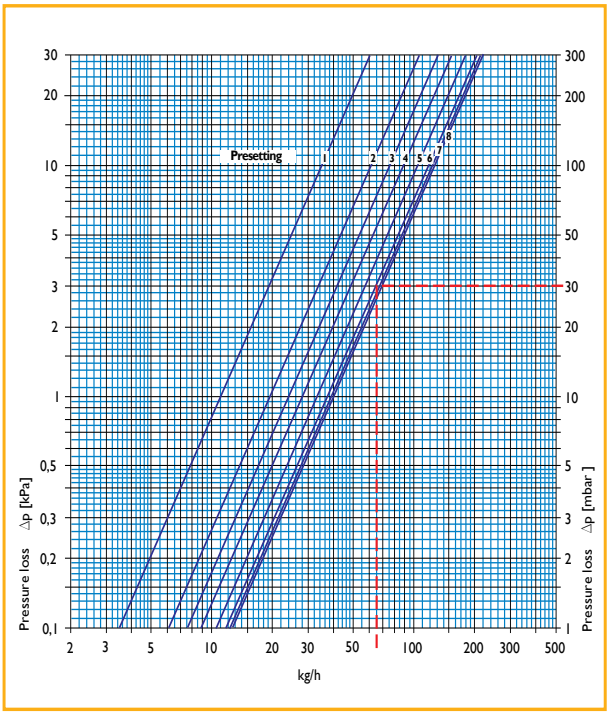
According to the above table:
- P-band 1K: No setting possible.
- P-band 2K: No setting possible.

Hence the insert needs to be replaced with a white, red, black or blue insert (4368) and readjusted:
- P-band 1K: Readjust to position 5.
- P-band 2K: Readjust to position 3.

VALVE RADIATORS WITHOUT CONNECTION ACCESSORIES

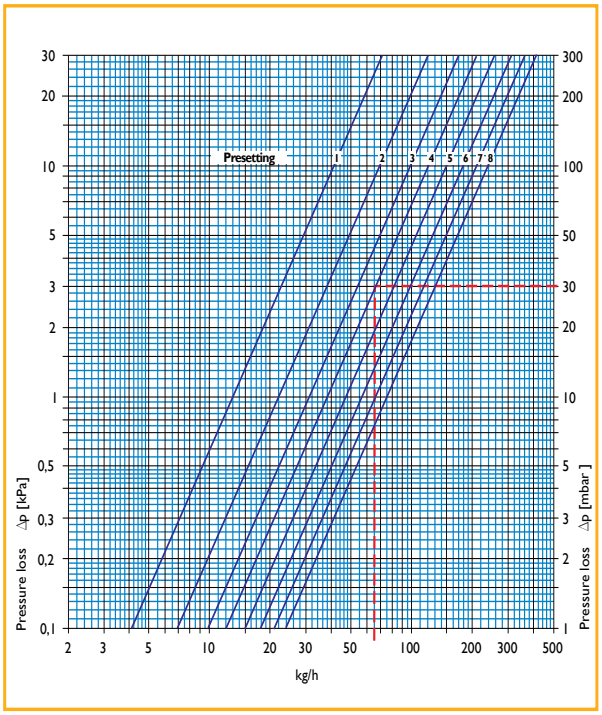
with normal setting valve insert (Art. N°. 4368)

p-band [xp] **1,0 K**



Information supplied by Heimeier

p-band [xp] **2,0 K**



Radiator with integrated valves without connection fitting			Presetting Thermostatic insert 1	2	3	4	5	6	7	8	Permissible operating temperature TB* [°C]	Permissible operating pressure PB [bar]	Permissible differential pressure at which the valve still closes Δp [bar] Therm. head	EMO T/NC EMOtec/NC EMO 1/3 EMO EIB/LON	EMO T/NO EMOtec/NO
Thermostatic insert and thermostatic head	p-band xp 1,0 K	K_V value [m^3/h]	0,12	0,19	0,24	0,28	0,33	0,37	0,39	0,40	120	10	4,0	2,7	3,5
	p-band xp 2,0 K	K_V value [m^3/h]	0,13	0,22	0,31	0,38	0,47	0,57	0,66	0,75					
		k_{VS} value [m^3/h]	0,16	0,27	0,38	0,43	0,65	0,98	1,23	1,43					
		Flow tolerance ± [%]	40	30	25	23	17	15	12	10					

*With protective cap or actuator 100 °C.

Calculation example

Target: Setting range

Given: Heat output $\dot{Q}$ = 1135 W
Temperature spread Δt = 15 K (65/50 °C)
Pressure loss, radiator with integrated valves Δp_V = 30 mbar

Solution: Mass flow rate

$$\dot{m} = \frac{\dot{Q}}{c \cdot \Delta t} = \frac{1135}{1{,}163 \cdot 15} = 65 \text{ kg/h}$$

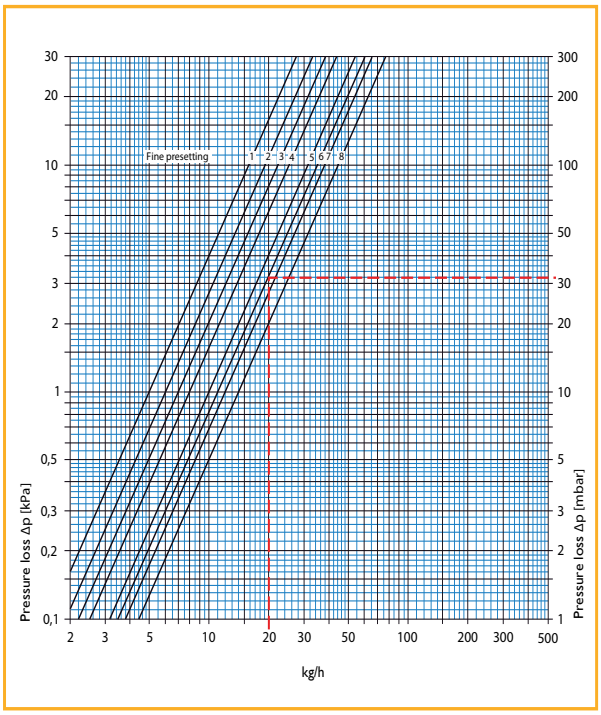
Setting range from diagram:
At p-band 1,0 K : 6
At p-band 2,0 K : 4

VALVE RADIATORS WITHOUT CONNECTION ACCESSORIES

with fine setting valve insert (Art. N°. 4369)

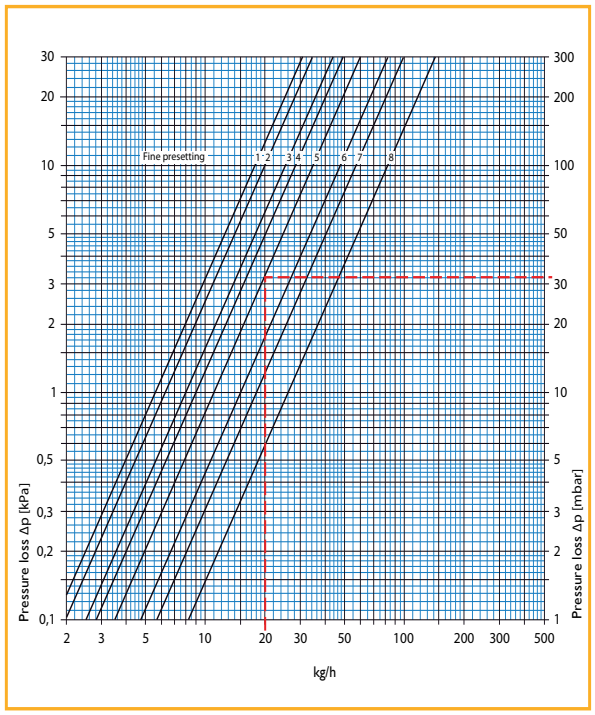
5.5

p-band [xp] **1,0 K**



Information supplied by Heimeier

p-band [xp] **2,0 K**



Radiator with integrated valves without connection fitting			Fine presetting Thermostatic insert 1	2	3	4	5	6	7	8	Permissible operating temperature TB* [°C]	Permissible operating pressure PB [bar]	Permissible differential pressure at which the valve still closes Δp [bar] Therm. head	EMO T/NC EMOtec/NC EMO 1/3 EMO EIB/LON	EMO T/NO EMOtec/NO
Thermostatic insert and thermostatic head	p-band xp 1,0 K	K_V-Value [m³/h]	0,05	0,06	0,07	0,08	0,10	0,11	0,12	0,14	120	10	4,0	2,7	3,5
	p-band xp 2,0 K	K_V-Value [m³/h]	0,06	0,06	0,08	0,09	0,11	0,15	0,18	0,26					
		k_{VS}-Value [m³/h]	0,06	0,07	0,08	0,10	0,12	0,17	0,25	0,50					
		Flow tolerance ± [%]	42	42	37	36	35	32	30	10					

* With protective cap or actuator 100°C

Calculation example

Target: Setting range

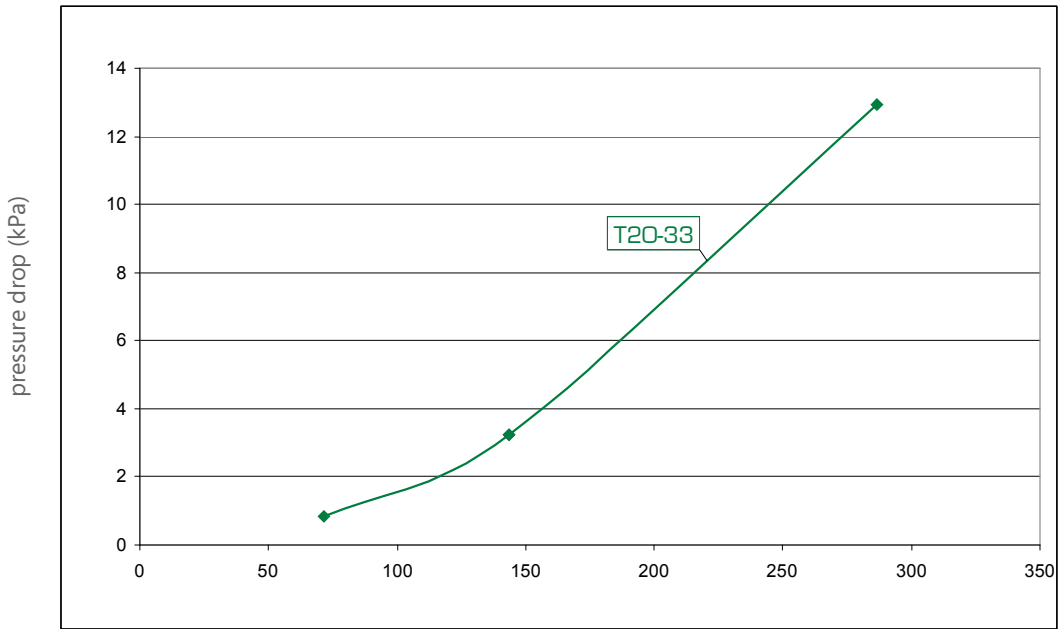
Given:
- Heat output $\dot{Q}$ = 350 W
- Temperature spread Δt = 15 K (65/50 °C)
- Pressure loss, radiator, with integrated valves Δp_V = 32 mbar

Solution:
- Mass flow rate $\dot{m} = \frac{\dot{Q}}{c \cdot \Delta t} = \frac{350}{1{,}163 \cdot 15} = 20$ kg/h

Setting from diagram:
- At p-band 1,0 K : 6
- At p-band 2,0 K : 5

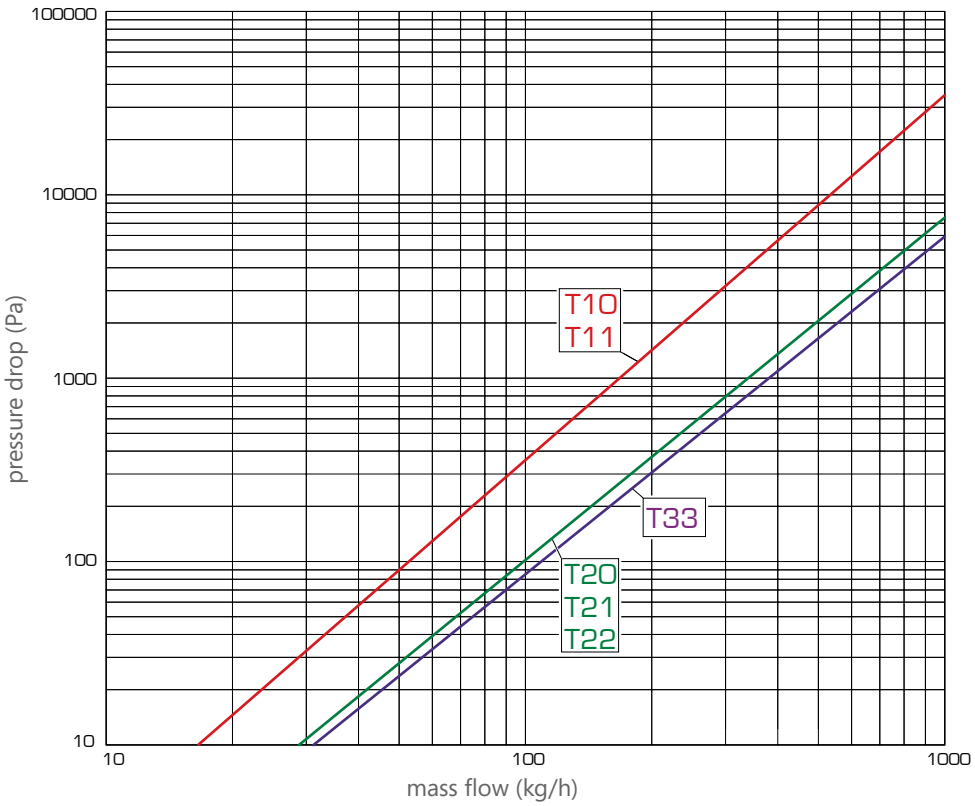
PRESSURE DROP

PREMIUM ECO · HYGIENE ECO · EVEREST SLIM ECO · EVEREST PLAN ECO · EVEREST LINE ECO ECO GALVA · HYGIENE ECO GALVA



Graph is valid for the radiator only, so without the valve insert.

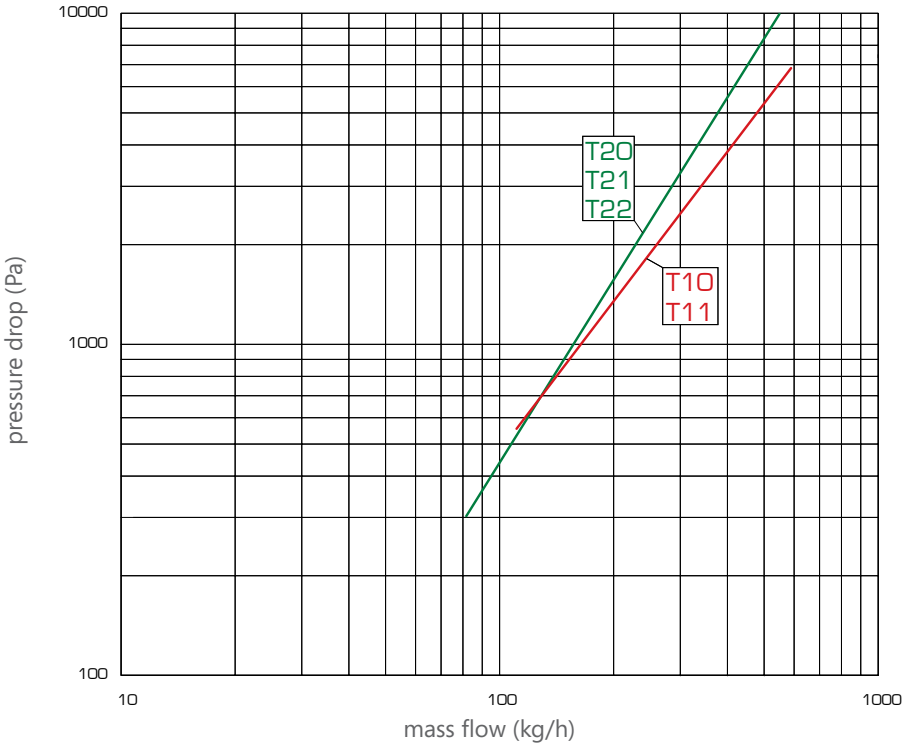
COMPACT VENTO · COMPACT PLAN · COMPACT LINE · RENO PLAN · RENO · GALVA · HYGIENE GALVA · HYGIENE COMPACT ALL IN · STANDARD ALL IN · WITHOUT VALVE INSERT: EVEREST PLAN VENTO · EVEREST PLAN 8 · EVEREST LINE 8 HYGIENE PLAN 8 · EVEREST PLAN · PREMIUM 8 · PREMIUM ALL IN · PLINTH RADIATORS



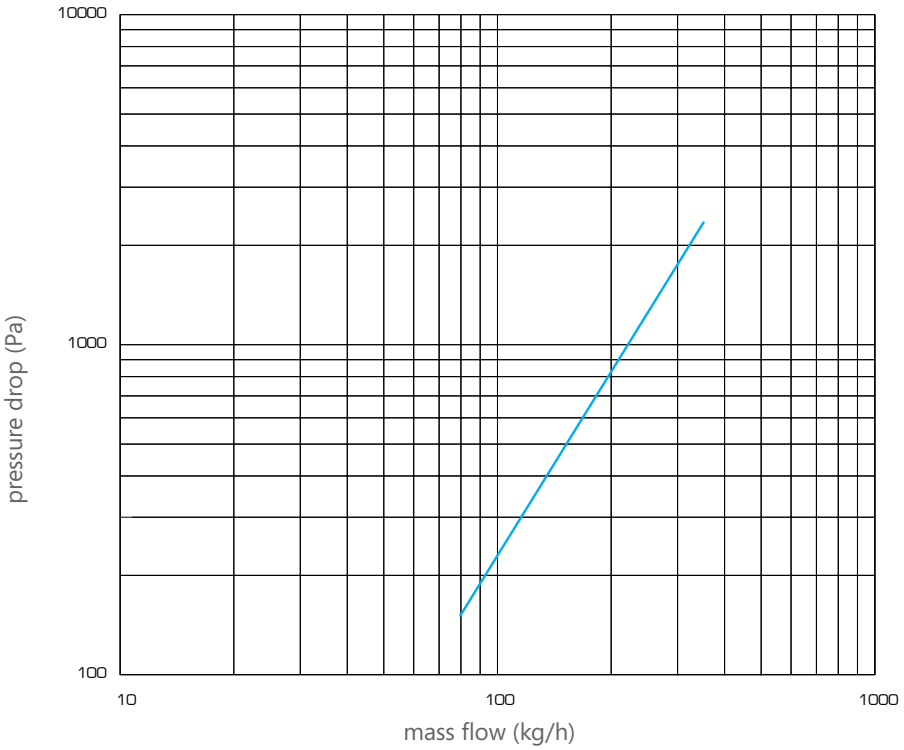
Graph is valid for the radiator only, so without the valve insert.

PRESSURE DROP

ALTO SWING · ALTO TANGO · ALTO SLIM · ALTO PLAN · ALTO LINE · VERTICAL GALVA · ALTO



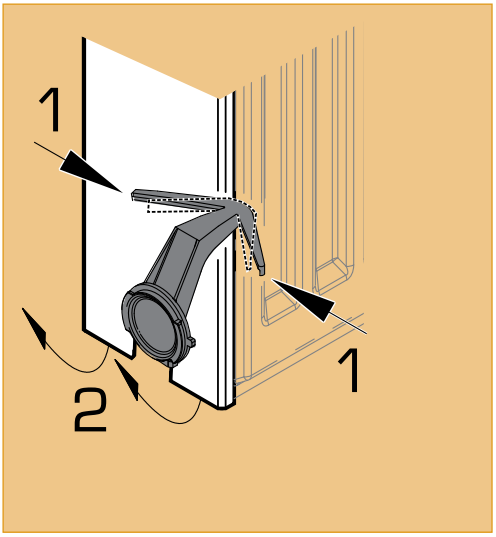
OCEANUS · OCEANUS CT · APHRODITE · APHRODITE CT



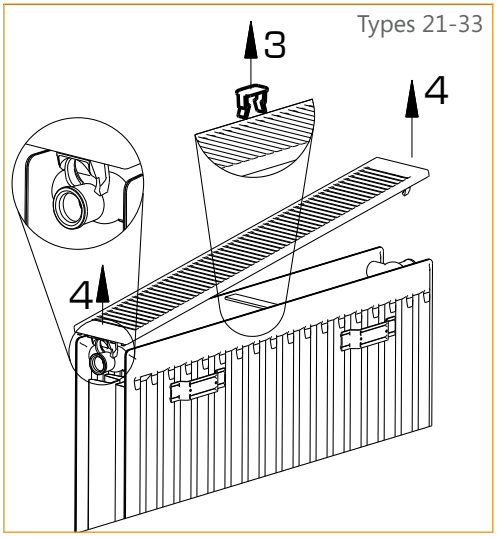
PREMIUM ECO · EVEREST PLAN ECO · EVEREST LINE ECO

Types 21/22/33

Dismounting

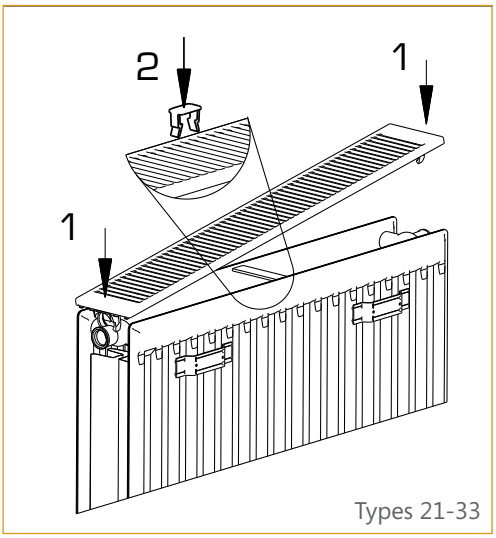


Sides

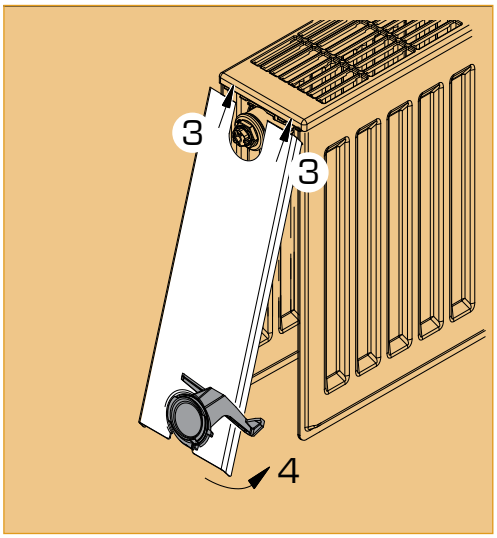


Grille

Mounting



Grille

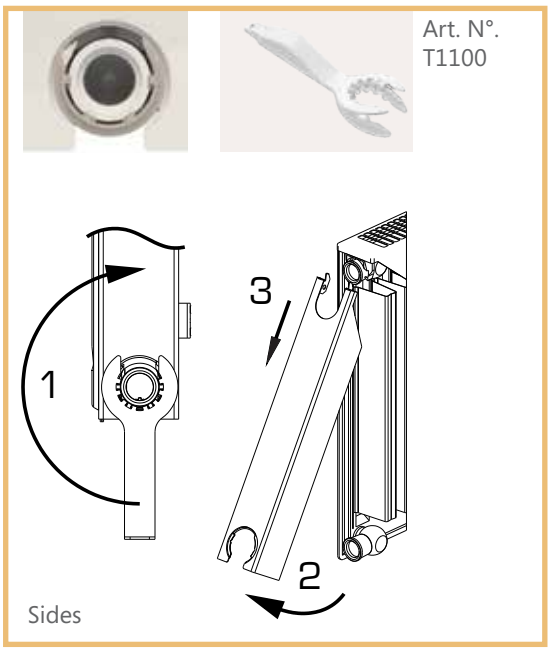


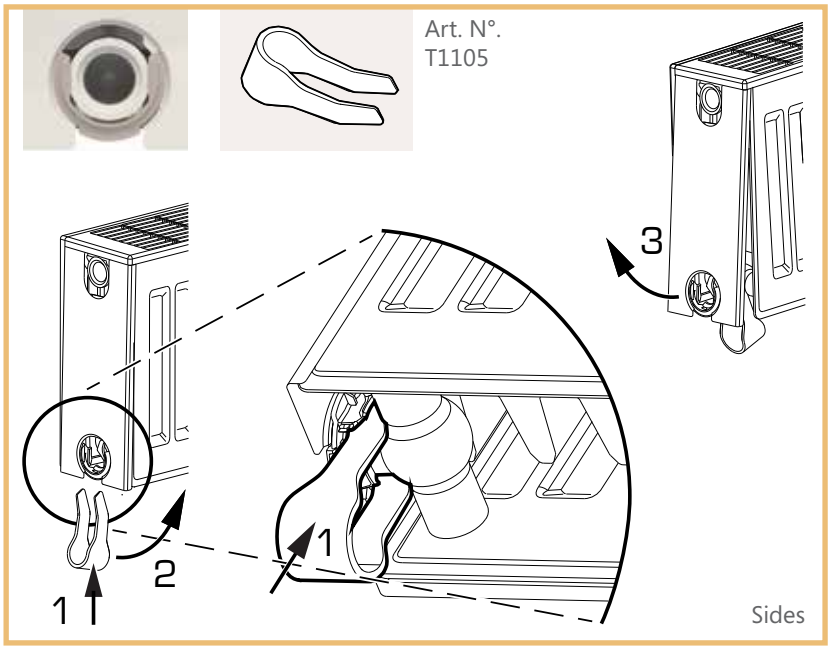
Sides

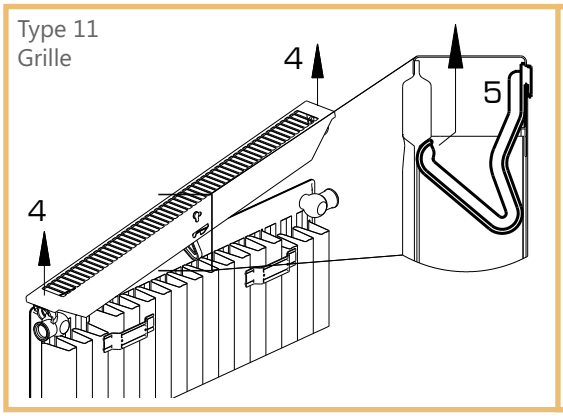
MOUNTING & DISMOUNTING - DRESSING

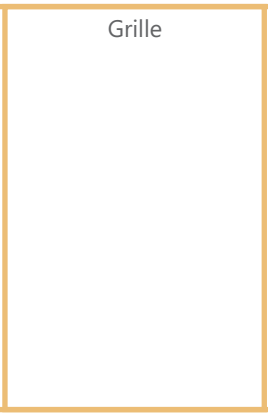
EVEREST PLAN VENTO · COMPACT VENTO · PREMIUM ECO (Type 11) · EVEREST PLAN ECO (Type 11)
EVEREST LINE ECO (Type 11) · EVEREST PLAN 8 · EVEREST LINE 8 · EVEREST PLAN · COMPACT PLAN · COMPACT LINE
EVEREST PLAN PLINTH · EVEREST LINE PLINTH · EVEREST PLAN PLINTH D · EVEREST LINE PLINTH D · PREMIUM PLINTH
RENO PLAN · RENO · PREMIUM 8 · PREMIUM ALL IN · COMPACT ALL IN

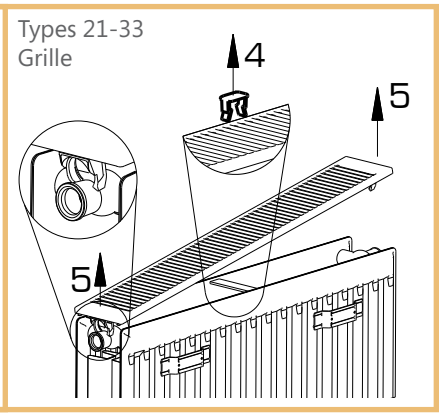
Dismounting



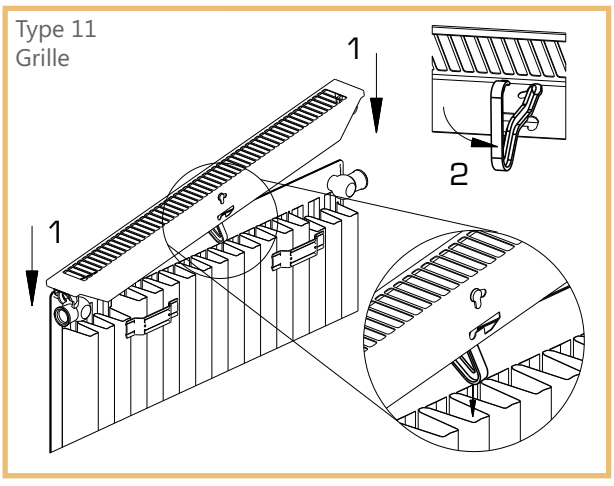


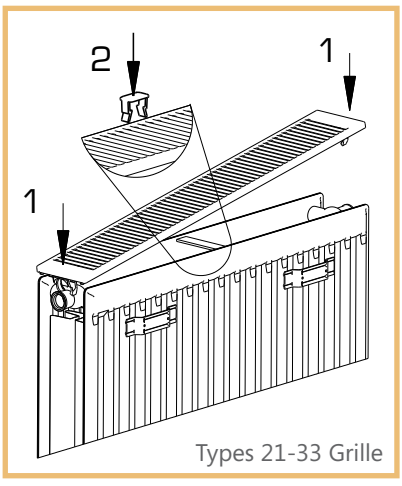


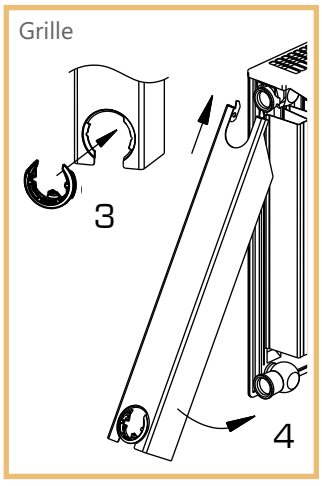




Mounting







CERTIFICATES

Bescheinigung über das Erfüllen der Richtlinien zur Arbeitssicherheit von Heizkörpern für Schulen und Kindergärten

für die Firma

Henrad nv
Herenthoutseweg 210
B - 2200 Herentals

Die Heizkörper erfüllen die Richtlinien der Arbeitssicherheit bei Heizkörpern für Schulen und Kindergärten des Bundesverbandes der Unfallversicherungsträger des öffentlichen Hand, BAGUV GS-SKB-02 Ausgabe April 1989
Prüfbericht BA01.103 vom 9.4.02

Geprüft wurden die Modelle der Modellfamilie PREMIUM und COMPACT:
Flachheizkörper ein- und mehrreihig,
mit Konvektionsblech(en)
und mit Abdeckgitter und seitlicher Verkleidung.

Stuttgart, den 25. April 2002

Universität Stuttgart
IKE Lehrstuhl für
Heiz- und Raumlufttechnik
Pfaffenwaldring 31, 70569 Stuttgart

Prof. Dr.-Ing. H. Bach

Bescheinigung über das Erfüllen der Richtlinien zur Arbeitssicherheit von Heizkörpern für Schulen und Kindergärten

für die Firma

Henrad nv
Herenthoutseweg 210
B - 2200 Herentals

Die Heizkörper erfüllen die Richtlinien der Arbeitssicherheit bei Heizkörpern für Schulen und Kindergärten des Bundesverbandes der Unfallversicherungsträger des öffentlichen Hand, BAGUV GS-SKB-02 Ausgabe April 1989
Prüfbericht BA01.104 vom 13.6.02

Geprüft wurden die Modelle der Modellfamilie EVEREST:
Flachheizkörper ein- und mehrreihig,
mit Konvektionsblech(en)
und mit Frontplatte, Abdeckgitter und seitlicher Verkleidung.

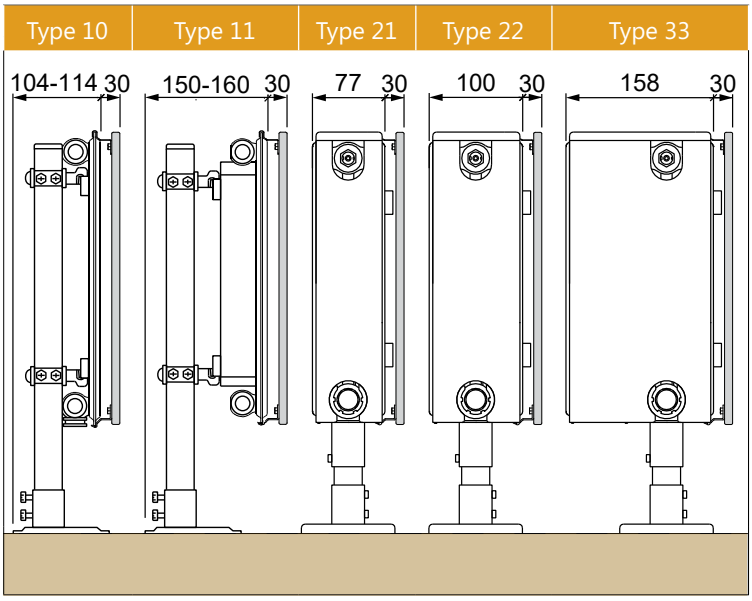
Stuttgart, den 6. September 2002

Universität Stuttgart
IKE Lehrstuhl für
Heiz- und Raumlufttechnik

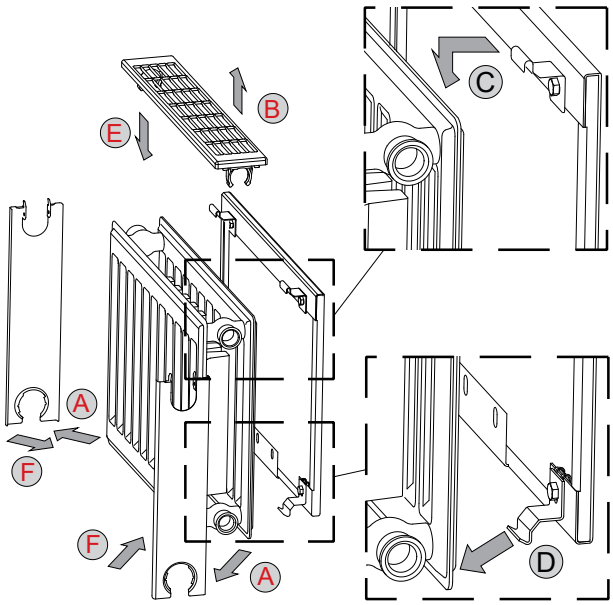
Prof. Dr.-Ing. H. Bach

Compact All In, Premium All In and Everest Plan comply to the occupational safety guidelines for schools and kindergartens of the "Bundesverband der Unfallversicherungsträger der öffentlichen Hand" (German federation of accident insurances for public services), BAGUV GS-SKB-02 version April 1989.

HEAT SCREEN



Colour: Henrad white 9016 only



HYGIENE CERTIFICATE RADIATORS

(Hygiene ECO - T20)

ZERTIFIKAT

über die

Hygieneunbedenklichkeit der Heizkörper

„Hygiene M Eco T 10, 20, 30"

der Firma

Henrad NV
Herenthoutseweg 210 · B-2200 Herentals · Belgium

Die Heizkörper der oben genannten Modellreihen sind nach hygienetechnischer Begutachtung und mikrobiologischer Prüfung (Gutachten 125382 v. 20.05.2011) uneingeschränkt in allen Bereichen der folgenden Einrichtungen einsetzbar:

* Krankenhäuser * Pflegeheime * Altenheime * Schulen * Kindergärten/-heimen * u.ä.

Stuttgart, 20.05.2011

INSTITUT PIELDNER
Inh. Horst U. Pieldner

Horst U. Pieldner

For optimal cleaning and hygiene

EN442 COMPLIANCE

Henrad radiators comply with EN442, the only valid and accepted radiator standard in Europe.
This standard determines:
- the method of measuring heat outputs
- the minimum steel thickness for water containing parts
- the steel quality of the radiator according to EN10130 and EN10131
- the verification of corrosion resistance of the radiator according to accepted standards

In addition, most Henrad radiators and their production process are audited annually
by internationally accepted quality labels NF and RAL.

EURONORM EN 442

TEMPERATURE CORRECTION FACTORS

EN442 75/65/20°C

Inlet temp. t_V [°C]	Room temp. t_L [°C]	Outlet temp. t_R [°C] 25	30	35	40	45	50	55	60	65	70	75	80	85
90	26		2,96	2,11	1,72	1,47	1,30	1,17	1,07	0,98	0,91	0,86	0,81	0,76
	24	4,56	2,45	1,88	1,57	1,36	1,21	1,10	1,01	0,93	0,87	0,82	0,77	0,73
	22	3,11	2,11	1,69	1,44	1,27	1,14	1,04	0,96	0,89	0,83	0,78	0,74	0,70
	20	2,50	1,87	1,54	1,33	1,19	1,07	0,98	0,91	0,85	0,80	0,75	0,71	0,67
	18	2,13	1,68	1,42	1,24	1,11	1,01	0,93	0,87	0,81	0,76	0,72	0,68	0,65
	15	1,76	1,46	1,26	1,13	1,02	0,93	0,87	0,81	0,76	0,72	0,68	0,64	0,61
85	26		3,19	2,26	1,83	1,57	1,38	1,24	1,13	1,04	0,97	0,90	0,85	
	24	4,94	2,63	2,00	1,67	1,45	1,29	1,16	1,07	0,99	0,92	0,86	0,81	
	22	3,34	2,26	1,80	1,53	1,34	1,21	1,10	1,01	0,94	0,88	0,82	0,78	
	20	2,67	1,99	1,64	1,41	1,25	1,13	1,04	0,96	0,89	0,84	0,79	0,75	
	18	2,27	1,78	1,50	1,31	1,18	1,07	0,98	0,91	0,85	0,80	0,75	0,72	
	15	1,87	1,54	1,33	1,19	1,07	0,98	0,91	0,85	0,80	0,75	0,71	0,67	
80	26		3,45	2,44	1,97	1,68	1,47	1,32	1,20	1,11	1,03	0,96		
	24	5,38	2,83	2,15	1,78	1,54	1,37	1,24	1,13	1,05	0,97	0,91		
	22	3,61	2,42	1,93	1,63	1,43	1,28	1,16	1,07	0,99	0,93	0,87		
	20	2,87	2,13	1,75	1,50	1,33	1,20	1,10	1,01	0,94	0,88	0,83		
	18	2,42	1,90	1,60	1,39	1,24	1,13	1,04	0,96	0,90	0,84	0,79		
	15	1,99	1,64	1,41	1,25	1,13	1,04	0,96	0,89	0,84	0,79	0,75		
75	26		3,77	2,64	2,12	1,80	1,58	1,42	1,29	1,18	1,10			
	24	5,90	3,07	2,32	1,92	1,66	1,47	1,32	1,21	1,12	1,04			
	22	3,92	2,61	2,07	1,75	1,53	1,37	1,24	1,14	1,05	0,98			
	20	3,10	2,28	1,87	1,61	1,42	1,28	1,17	1,08	**1,00**	0,94			
	18	2,61	2,03	1,70	1,48	1,32	1,20	1,10	1,02	0,95	0,89			
	15	2,13	1,75	1,50	1,33	1,20	1,10	1,01	0,94	0,88	0,83			
70	26		4,15	2,89	2,31	1,95	1,71	1,53	1,39	1,27				
	24	6,54	3,36	2,52	2,08	1,79	1,58	1,42	1,30	1,19				
	22	4,30	2,84	2,24	1,89	1,64	1,47	1,33	1,22	1,13				
	20	3,38	2,47	2,02	1,73	1,52	1,37	1,25	1,15	1,07				
	18	2,82	2,19	1,83	1,59	1,42	1,28	1,17	1,08	1,01				
	15	2,28	1,87	1,61	1,42	1,28	1,17	1,08	1,00	0,94				
65	26		4,61	3,18	2,53	2,13	1,86	1,66	1,50					
	24	7,33	3,70	2,76	2,27	1,94	1,71	1,54	1,40					
	22	4,75	3,11	2,44	2,05	1,78	1,59	1,43	1,31					
	20	3,70	2,69	2,19	1,87	1,64	1,47	1,34	1,23					
	18	3,07	2,37	1,98	1,71	1,52	1,37	1,26	1,16					
	15	2,47	2,02	1,73	1,52	1,37	1,25	1,15	1,07					
60	26		5,20	3,55	2,80	2,36	2,05	1,82						
	24	8,32	4,13	3,06	2,50	2,13	1,87	1,68						
	22	5,32	3,44	2,69	2,24	1,94	1,73	1,56						
	20	4,10	2,96	2,39	2,03	1,78	1,60	1,45						
	18	3,38	2,59	2,15	1,86	1,65	1,48	1,36						
	15	2,69	2,19	1,87	1,64	1,47	1,34	1,23						
55	26		5,96	4,02	3,15	2,64	2,28							
	24	9,62	4,67	3,43	2,78	2,37	2,07							
	22	6,03	3,86	2,99	2,48	2,15	1,90							
	20	4,60	3,29	2,64	2,24	1,96	1,75							
	18	3,75	2,86	2,36	2,03	1,80	1,62							
	15	2,96	2,39	2,03	1,78	1,60	1,45							
50	26		6,99	4,64	3,61	3,00								
	24	11,38	5,39	3,92	3,15	2,67								
	22	6,97	4,39	3,38	2,79	2,40								
	20	5,23	3,70	2,96	2,50	2,17								
	18	4,22	3,20	2,63	2,25	1,98								
	15	3,29	2,64	2,24	1,96	1,75								
45	26		8,48	5,52	4,25									
	24	13,93	6,38	4,58	3,66									
	22	8,26	5,11	3,89	3,19									
	20	6,08	4,25	3,37	2,83									
	18	4,84	3,63	2,96	2,53									
	15	3,70	2,96	2,50	2,17									
40	26		10,81	6,87										
	24	17,93	7,87	5,54										
	22	10,17	6,14	4,62										
	20	7,28	5,01	3,93										
	18	5,68	4,21	3,41										
	15	4,25	3,37	2,83										
35	26		15,13											
	24	25,15	10,36											
	22	13,27	7,77											
	20	9,12	6,14											
	18	6,91	5,04											
	15	5,01	3,93											

ATTENTION:
The correction factors are merely an indication, as they where determined using an average n-coefficient of 1,3.

Example:
A 1.000 watt radiator is needed for 80/60/22°C. The corresponding heat output at 75/65/20 needs to be determined. Then a radiator dimension can be selected.

Follow the steps below:

1. Select the correction factor corresponding to inlet temperature 80°C, outlet temperature 60°C and room temperature 22°C.

2. Multiply the requested heat output at 80/60/22°C with the correction factor: 1000 x 1,07=1.070 W.

   This results is the heat output that the required radiator will have at 75/65/20°C.

3. Select a 1.070 Watt radiator in the heat output tables. This radiator will give 1.000 W at 80/60/22°C.

HOW TO COMPOSE YOUR ARTICLE NUMBER ?

Our article numbers have a logic pattern and can therefore be composed easily.

ATTENTION: The article number must be based on available radiator sizes.
Please consult the output tables of each product first.

FOR PANEL RADIATORS

An article number is composed using the elements below in the indicated order and without blancs:

Group code (4 digits) + height (2 digits)
+ type (2 digits) + length (2 digits)

In short: group code + HH + TT+ LL

Example:
Everest Line ECO, 600 high , type 21, length 1.000
Composed article number: 0451062110

Left handed versions:

Everest Plan	T11-33	group code 0244
Everest Plan ECO	T11-33	group code 0442
Everest Plan 8	T21-33	group code 0650
Everest Line ECO	T11-33	group code 0452
Hygiene ECO	T10	group code 0693
	T20-30	group code 0690
Premium All In	T11	group code 0224
Premium ECO	T11	group code 0193
	T21-33	group code 0190

Description	Group code
ALTO	0274
ALTO E	0274A
ALTO LINE	0276
ALTO PLAN	0275
ALTO PLAN E	0275A
ALTO SLIM	0279
ALTO TANGO	0277
COMPACT ALL IN	0113
COMPACT LINE	0453
COMPACT PLAN	0216
COMPACT VENTO	0110
(HYGIENE) ECO GALVA	0695
EVEREST LINE 8 - T11	0653
EVEREST LINE 8 - T21-33	0654
EVEREST LINE ECO	0451
EVEREST LINE PLINTH	0251
EVEREST LINE PLINTH D	0252
EVEREST PLAN 8 - T11	0651
EVEREST PLAN 8 - T21-33	0652
EVEREST PLAN	0243
EVEREST PLAN ECO	0541
EVEREST PLAN PLINTH	0148
EVEREST PLAN PLINTH D	0149
EVEREST PLAN VENTO	0240
EVEREST SLIM ECO	0440
GALVA	0107
HYGIENE	0204
HYGIENE ECO - T10	0691
HYGIENE ECO - T20-30	0692
HYGIENE GALVA	0108
HYGIENE PLAN 8 - T10	0658
HYGIENE PLAN 8 - T20-30	0659
PREMIUM 8 - T11	0661
PREMIUM 8 - T21-33	0662
PREMIUM ALL IN - T11	0223
PREMIUM ALL IN - T21-33	0221
PREMIUM ECO - T11	0191
PREMIUM ECO - T21-33	0192
PREMIUM PLINTH	0168
RENO	0219
RENO PLAN	0444
STANDARD ALL IN	0601
VERTICAL GALVA	0674

Height	HH
200	02
300	03
400	04
500	05
545	
600	06
645	
700	07
900	09
1600	16
1800	18
1820	
1840	
2000	20
2020	
2040	
2200	22

Type	TT
10	10
11	11
20	20
21	21
22	22
30	30
33	33
44	44

Length	LL
400	04
410	
470	
500	05
510	
570	
600	06
610	
670	
700	07
800	08
900	09
1000	10
1070	
1200	12
1270	
1400	14
1470	
1600	16
1670	
1800	18
1870	
2000	20
2070	
2200	22
2400	24
2600	26
2800	28
3000	30

FOR DESIGN RADIATORS

An article number is composed using the elements below in the indicated order and without blancs:
Group code (4 digits) + height (4 digits) + type (2 digits) + length (4 digits)
In short: group code + HHHH + TT+ LLLL

Example type Arno Double:
height 1495, type "02", length 500
Composed article number:
70011495020500

Type	Description	Group code
Single	ARNO SINGLE	7001
	VENICE	7004
	VERONA VERTICAL	7505
Double	**ARNO DOUBLE**	**7001**

Single: Type=01 <> Double: Type=02

Height	HHHH
1186	1186
1199	1199
1495	**1495**
1511	1511
1600	1600
1771	1771
1791	1791
1800	1800
2000	2000
2013	2013

Type
01
02

Length	LLLL
408	0408
450	0450
500	**0500**
538	0538
600	0600
668	0668
750	0750
798	0798
900	0900

Example Column:
height 2500, type "02", length 440
Composed article number:
70062500020440

Description	Group code
COLUMN	**7006**

Height	HHHH
300	0300
500	0500
600	0600
750	0750
1800	1800
2000	2000
2500	**2500**

Columns	Type
2	**02**
3	03
4	04

Length	LLLL
348	0348
440	**0440**
624	0624
854	0854
1038	1038
1268	1268
1452	1452
1866	1866

EXCEPTIONS

For the following radiators the above rules cannot be applied, please consult the tabels on the productpages:
Oceanus E-VENTO (page 136, group code: 0184B), Oceanus E (page 137, 0184A = without power plug, 0184C = with power plug), Oceanus (page 138, 0184) and Aphrodite (page 139, 0185). Alto Swing (0278): please consult a pricelist.

COLOUR your warmth

Heat is the key to a cosy residence. It makes it a place to come ***home*** to and feel good.
Now, with Henrad, you also choose for ***colourful heat***.

COLOURS OF NATURE

NT110 Papyrus white | NT120 Pearl white | NT130 Champagne | NT140 Beige | NT160 Pebble grey | NT170 Quartz grey | NT180 Soft black

METALLIC COLOURS

ML110 Dove grey | ML120 Titanium grey | ML134 Blue grey | ML140 Granite | ML150 Cappuccino | ML160 Terra brown | ML170 Graphite black

COLOURS FOR SANITARY WARES

SN110 Cream white | SN120 Cream | SN130 Mocca | SN140 Bordeaux | SN150 Sepia | SN160 Pale blue | SN170 Black

RAL COLOURS

A1004 Golden yellow | A2003 Pastel orange | A3002 Carmine red | A5002 Ultramarine blue | A6018 Yellow green | A7001 Silver grey | A7011 Iron grey

A7016 Iron grey | A7030 Stone grey | A7035 Light grey | A8017 Chocolate brown | A9003 Signal white | A9005 Jet black | A9010 Pure white

How do I order a coloured radiator?

Firstly, the radiator's item number then the item number of the colour + description.
vb. 0274202206 SN170 Zwart

The colours are illustrative only.

How do I order a coloured radiator?

First enter the article number of the radiator, then complete with the colour code.

2 gloss level variations available (Gloss degree according to ISO2813):

70% ± 5% (Code "E") :
e.g. 0274202206 E1000

30% ± 5% (Code "F") :
e.g. 0274202206 F1000

In addition to our 35 ***trendy, very popular and carefully selected*** colours, we now offer ***many more RAL colours****.

Shades of yellow

RAL 1000 *E1000*	RAL 1007 *E1007*	RAL 1018 *E1018*
RAL 1001 *E1001*	RAL 1012 *E1012*	RAL 1019 *E1019*
RAL 1002 *E1002*	RAL 1014 *E1014*	RAL 1021 *E1021*
RAL 1003 *E1003*	RAL 1015 *E1015*	RAL 1023 *E1023*
RAL 1005 *E1005*	RAL 1016 *E1016*	
RAL 1006 *E1006*	RAL 1017 *E1017*	

Shades of orange

RAL 1034 *E1034*
RAL 2002 *E2002*
RAL 2004 *E2004*
RAL 2008 *E2008*
RAL 2009 *E2009*
RAL 2010 *E2010*
RAL 2011 *E2011*

Shades of red

RAL 3000 *E3000*	RAL 3011 *E3011*
RAL 3001 *E3001*	RAL 3013 *E3013*
RAL 3004 *E3004*	RAL 3016 *E3016*
RAL 3005 *E3005*	RAL 3020 *E3020*
RAL 3007 *E3007*	RAL 3027 *E3027*
RAL 3009 *E3009*	

Shades of blue

RAL 5000 *E5000*	RAL 5014 *E5014*
RAL 5003 *E5003*	RAL 5015 *E5015*
RAL 5004 *E5004*	RAL 5017 *E5017*
RAL 5005 *E5005*	RAL 5018 *E5018*
RAL 5007 *E5007*	RAL 5019 *E5019*
RAL 5008 *E5008*	RAL 5020 *E5020*
RAL 5009 *E5009*	RAL 5021 *E5021*
RAL 5010 *E5010*	RAL 5022 *E5022*
RAL 5011 *E5011*	RAL 5023 *E5023*
RAL 5012 *E5012*	RAL 5024 *E5024*
RAL 5013 *E5013*	

Shades of green

RAL 6000 *E6000*	RAL 6008 *E6008*	RAL 6016 *E6016*	RAL 6026 *E6026*
RAL 6001 *E6001*	RAL 6009 *E6009*	RAL 6017 *E6017*	RAL 6027 *E6027*
RAL 6002 *E6002*	RAL 6010 *E6010*	RAL 6019 *E6019*	RAL 6028 *E6028*
RAL 6003 *E6003*	RAL 6011 *E6011*	RAL 6020 *E6020*	RAL 6029 *E6029*
RAL 6004 *E6004*	RAL 6012 *E6012*	RAL 6021 *E6021*	RAL 6032 *E6032*
RAL 6005 *E6005*	RAL 6013 *E6013*	RAL 6022 *E6022*	RAL 6033 *E6033*
RAL 6006 *E6006*	RAL 6014 *E6014*	RAL 6024 *E6024*	RAL 6034 *E6034*
RAL 6007 *E6007*	RAL 6015 *E6015*	RAL 6025 *E6025*	

Shades of grey

RAL 7000 *E7000*	RAL 7015 *E7015*	RAL 7037 *E7037*
RAL 7002 *E7002*	RAL 7021 *E7021*	RAL 7038 *E7038*
RAL 7003 *E7003*	RAL 7022 *E7022*	RAL 7039 *E7039*
RAL 7004 *E7004*	RAL 7023 *E7023*	RAL 7040 *E7040*
RAL 7005 *E7005*	RAL 7024 *E7024*	RAL 7042 *E7042*
RAL 7006 *E7006*	RAL 7026 *E7026*	RAL 7043 *E7043*
RAL 7008 *E7008*	RAL 7031 *E7031*	RAL 7044 *E7044*
RAL 7009 *E7009*	RAL 7032 *E7032*	RAL 7045 *E7045*
RAL 7010 *E7010*	RAL 7033 *E7033*	RAL 7046 *E7046*
RAL 7012 *E7012*	RAL 7034 *E7034*	RAL 7047 *E7047*
RAL 7013 *E7013*	RAL 7036 *E7036*	

Shades of brown

RAL 8001 *E8001*	RAL 8016 *E8016*
RAL 8002 *E8002*	RAL 8019 *E8019*
RAL 8003 *E8003*	RAL 8022 *E8022*
RAL 8004 *E8004*	RAL 8023 *E8023*
RAL 8007 *E8007*	RAL 8025 *E8025*
RAL 8008 *E8008*	RAL 8028 *E8028*
RAL 8011 *E8011*	
RAL 8012 *E8012*	
RAL 8014 *E8014*	
RAL 8015 *E8015*	

Shades of black and white

RAL 9001 *E9001*
RAL 9002 *E9002*
RAL 9004 *E9004*
RAL 9011 *E9011*
RAL 9017 *E9017*
RAL 9018 *E9018*

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