

Hygiene ECO · Hygiene ECO Galva · Hygiene · Hygiene Galva



## DISCOVER HYGIENE RADIATORS

## 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:	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 connections and a preset valve insert, which can be fitted on 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 20-30 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 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 Stelrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad 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



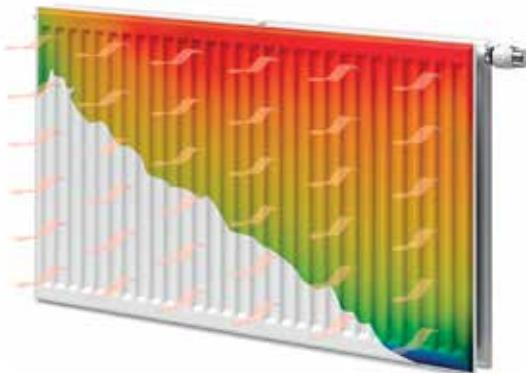
# SPECIAL RADIATORS

## 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 without convection fins 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 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 and installation instructions
Connections:	2 x 3/4" male Eurocone centre connection and 2 x 1/2" 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 Stelrad's warranty conditions have been met.
Paint process:	All radiators are galvanised, degreased, phosphated, cataphoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad 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



# SPECIAL RADIATORS

## General information

### HYGIENE

The Hygiene radiator is a panel radiator without convection fins, upper grille or side panels, made from high-quality steel. A classic icon.

Product:	a classic panel radiator without convection fins
Finishing:	without convection fins, upper grille or side panels
Also supplied:	VDI brackets with anti-lift (type Monlac), screws, plugs, blind plug, air vent and installation instructions
Connections:	4 x 1/2" 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 Stelrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad 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



# SPECIAL RADIATORS

## General information

### HYGIENE GALVA

With a Hygiene radiator as a base and an extra protective galvanised coating for humid spaces underneath, the Hygiene Galva radiator is the ideal panel radiator for your bathroom.

Product:	naked panel radiator without convection fins and with a protective galvanised coating
Finishing:	protective galvanised coating and 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 1/2" 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 Stelrad's warranty conditions have been met.
Paint process:	All radiators are galvanised, degreased, phosphated, cataphoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad 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

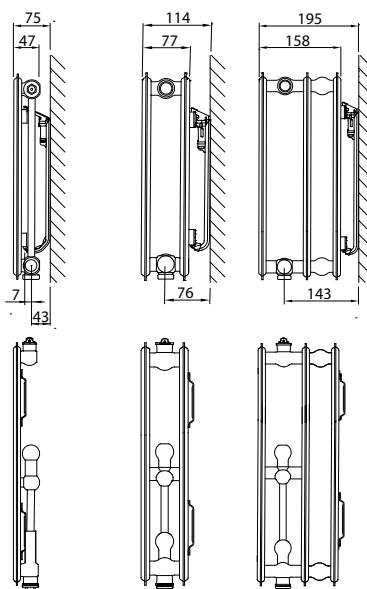


## Type overview

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

Characteristic equation:

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



Height		Type 10	Type 20	Type 30	Height
300	W	338	585	867	300
	kg	6,17	11,57	17,80	
	I	1,89	3,71	5,50	
	m <sup>2</sup>	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	
	I	2,34	4,71	7,07	
	m <sup>2</sup>	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	
	I	2,80	5,70	8,63	
	m <sup>2</sup>	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	
	I	3,25	6,70	10,20	
	m <sup>2</sup>	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	
	I	3,77	7,57	11,33	
	m <sup>2</sup>	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	
	I	4,80	9,30	13,60	
	m <sup>2</sup>	2,06	4,12	6,17	
	n	1,33	1,30	1,32	

W=heat output per meter / kg=weight per meter / I=content per meter / m<sup>2</sup>=surface per meter / n=exponent  
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

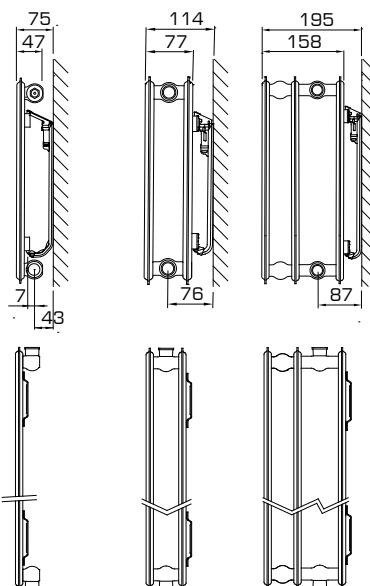
# SPECIAL RADIATORS

## Type overview

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

Characteristic equation:

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



Height		Type 10	Type 20	Type 30	Centre distance
300	W	338	571	859	250
	kg	6,17	11,64	17,90	
	I	1,89	3,70	5,20	
	m <sup>2</sup>	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	
	I	2,34	4,67	6,57	
	m <sup>2</sup>	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	
	I	2,80	5,63	7,93	
	m <sup>2</sup>	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	
	I	3,25	6,60	9,30	
	m <sup>2</sup>	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	
	I	3,77	7,63	10,67	
	m <sup>2</sup>	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	
	I	4,80	9,70	13,40	
	m <sup>2</sup>	2,06	4,12	6,17	
	n	1,33	1,33	1,33	

W=heat output per meter / kg=weight per meter / I=content per meter / m<sup>2</sup>=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 & HYGIENE ECO GALVA

On the label:

HYGIENE ECO T20-30: 0692  
T10: 0691

HYGIENE ECO L (Left handed) T20-30: 0690

T10: 0693

GALVA ECO T10-30: 0695

Art.	0692	09	20	04
T20-30:	0692			
T10:	0691			
H900				
T20				
L400				

Height	<b>600</b>			<b>700</b>			<b>900</b>		
Type	10	20	30	10	20	30	10	20	30
<b>400</b>		307 212 409	439 302 588		350 241 467	496 340 664		436 299 583	607 415 814
<b>500</b>	227 156 305	384 265 512	549 377 735	261 178 350	438 302 584	620 425 830	325 222 439	545 374 729	758 519 1.017
<b>600</b>	273 187 366	461 318 614	659 452 882	312 214 419	525 362 700	743 510 995	391 267 526	654 449 875	909 1.220 1.424
<b>700</b>	318 218 427	537 371 716	769 528 1.029	364 249 489	612 422 817	867 595 1.161	456 311 614	763 524 1.021	1.061 1.213 1.627
<b>800</b>	364 249 488	614 424 818	879 603 1.176	416 285 559	700 482 934	991 680 1.327	522 356 702	872 599 1.166	1.213 830 1.627
<b>900</b>	409 281 549	691 477 921	988 679 1.323	469 321 629	787 542 1.050	1.115 765 1.493	586 400 789	981 674 1.312	1.365 935 1.831
<b>1000</b>	455 312 610	768 530 1.023	1.098 754 1.470	521 356 699	874 603 1.167	1.238 850 1.659	652 444 877	1.090 749 1.458	1.516 1.038 2.034
<b>1100</b>	500 343 671	844 583 1.125	1.208 829 1.617	573 392 769	962 663 1.284	1.362 935 1.825	717 489 965	1.199 824 1.604	1.667 1.142 2.237
<b>1200</b>	546 374 732	921 636 1.228	1.318 905 1.764	625 428 839	1.049 723 1.400	1.486 1.020 1.991	782 533 1.052	1.308 899 1.750	1.820 1.246 2.441
<b>1400</b>	637 436 854	1.074 742 1.432	1.537 1.056 2.058	729 499 979	1.224 844 1.634	1.734 1.190 2.323	913 622 1.228	1.526 1.048 2.041	2.123 1.454 2.848
<b>1600</b>	728 499 976	1.228 848 1.637	1.757 1.206 2.352	833 570 1.118	1.399 964 1.867	1.981 1.359 2.654	1.043 711 1.403	1.744 1.198 2.333	2.426 1.661 3.254
<b>1800</b>	819 561 1.098	1.381 954 1.841	1.977 1.357 2.646	937 641 1.258	1.574 1.085 2.101	2.229 1.529 2.986	1.173 800 1.579	1.961 1.348 2.624	2.729 1.868 3.661
<b>2000</b>	910 623 1.220	1.535 1.060 2.046	2.196 1.508 2.940	1.041 712 1.398	1.749 1.206 2.334	2.477 1.699 3.318	1.303 889 1.754	2.180 1.497 2.916	3.032 2.076 4.068
<b>2200</b>	1.001 686 1.342	1.689 1.166 2.251	2.416 1.659 3.234						
<b>2400</b>	1.092 748 1.464	1.842 1.272 2.455	2.636 1.810 3.528						
<b>2600</b>		1.996 1.378 2.660							
<b>2800</b>		2.149 1.484 2.864							
<b>3000</b>		2.303 1.590 3.069							



# HYGIENE & HYGIENE GALVA

On the label:  
 4-CONNECTIONS HYGIENE  
 4-CONNECTIONS HYGIENE GALVA

Art. 0108 09 20 04  
 T10-30: 0204  
 T20-30: 0108  
 H900  
 T20  
 L400

Height	<b>600</b>		
Type	10	20	30
<b>400</b>	182 125 244	307 210 412	441 302 590
<b>500</b>	227 156 305	385 263 516	550 378 737
<b>600</b>	273 187 366	461 316 619	660 453 884
<b>700</b>	318 218 427	538 369 722	771 529 1.032
<b>800</b>	364 249 488	615 421 825	880 604 1.179
<b>900</b>	409 281 549	692 474 928	991 680 1.327
<b>1000</b>	455 312 610	769 526 1.031	1.101 755 1.474
<b>1100</b>	500 343 671	845 579 1.134	1.210 830 1.621
<b>1200</b>	546 374 732	922 631 1.237	1.321 906 1.769
<b>1400</b>	637 436 854	1.076 737 1.443	1.541 1.057 2.064
<b>1600</b>	728 499 976	1.230 842 1.650	1.761 1.208 2.358
<b>1800</b>	819 561 1.098	1.384 947 1.856	1.981 1.359 2.653
<b>2000</b>	910 623 1.220	1.537 1.052 2.062	2.201 1.510 2.948
<b>2200</b>	1.001 686 1.342	1.691 1.158 2.268	2.421 1.662 3.243
<b>2400</b>	1.092 748 1.464	1.844 1.263 2.474	2.642 1.813 3.558
<b>2600</b>		1.999 1.368 2.681	
<b>2800</b>		2.152 1.474 2.887	
<b>3000</b>		2.306 1.579 3.093	

<b>700</b>		
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

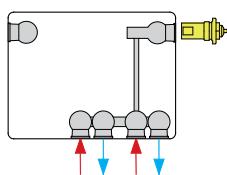
<b>900</b>		
10	20	30
261 178 351	431 294 580	607 414 816
325 222 439	538 368 725	758 517 1.020
391 267 526	646 441 869	909 620 1.223
456 311 614	754 515 1.014	1.061 724 1.427
522 356 702	862 588 1.159	1.212 827 1.631
586 400 789	970 662 1.304	1.364 931 1.835
652 444 877	1.078 736 1.449	1.516 1.034 2.039
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

# CONNECTION POSSIBILITIES

## Hygiene ECO

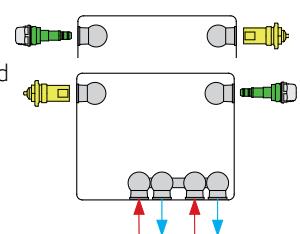
Type 10

Front of right handed radiator



Type 20 / 30

Front of right handed radiator



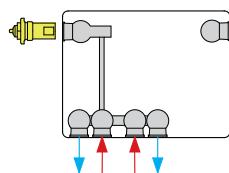
### Important notice for ECO radiators:

The green ECO air vent is essential for the proper working of types 20 and 30 of the radiator and cannot be replaced by a traditional air vent as the radiator will keep on heating.

## Hygiene ECO (Left handed)

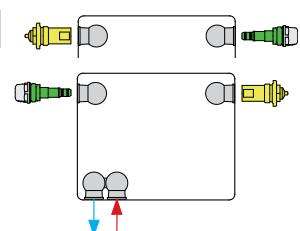
Type 10

Front of left handed radiator



Type 20 / 30

Front of left handed radiator



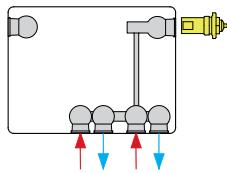
### Important notice for ECO radiators:

The green ECO air vent is essential for the proper working of types 20 and 30 of the radiator and cannot be replaced by a traditional air vent as the radiator will keep on heating.

## Hygiene ECO Galva

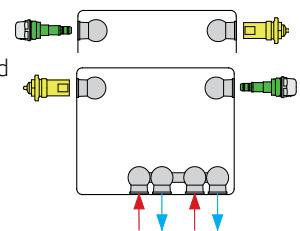
Type 10

Front of right handed radiator



Type 20 / 30

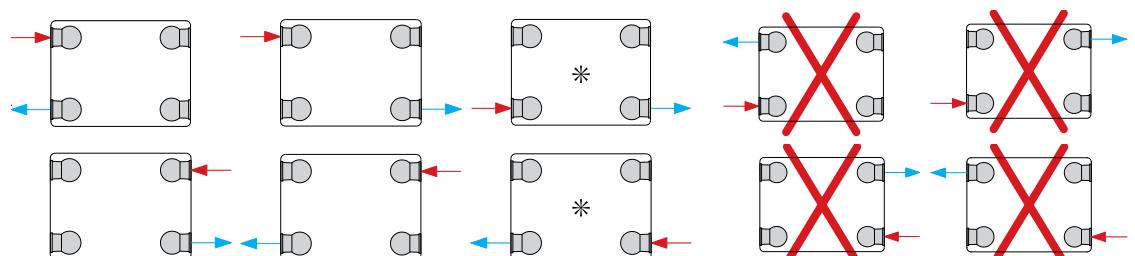
Front of right handed radiator



### Important notice for ECO radiators:

The green ECO air vent is essential for the proper working of types 20 and 30 of the radiator and cannot be replaced by a traditional air vent as the radiator will keep on heating.

## Hygiene Hygiene Galva

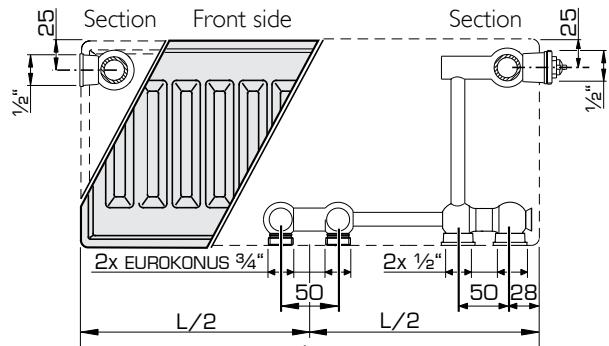


\* = a reduction in heatoutput will occur when combining low temperature heating with a high temperature difference between inlet and outlet.

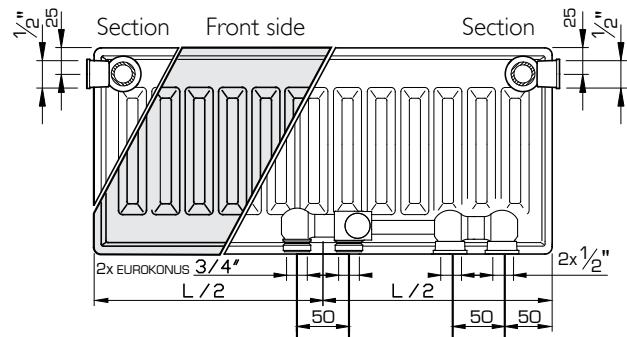
# MOUNTING DIMENSIONS

## Hygiene ECO

Type 10 - Right handed

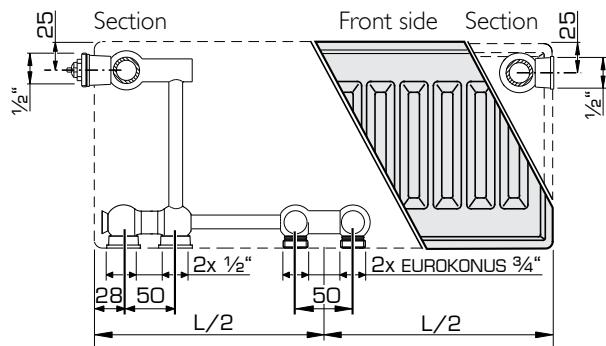


Type 20 / 30 - Right handed

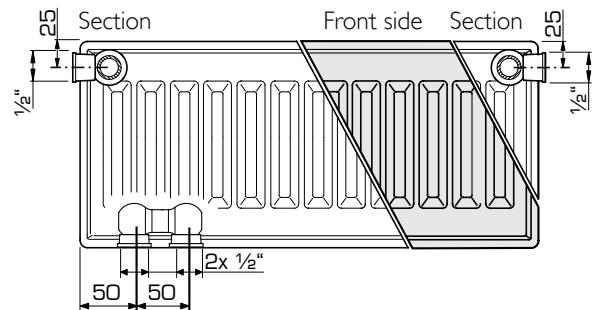


## Hygiene ECO (Left handed)

Type 10 - Left handed

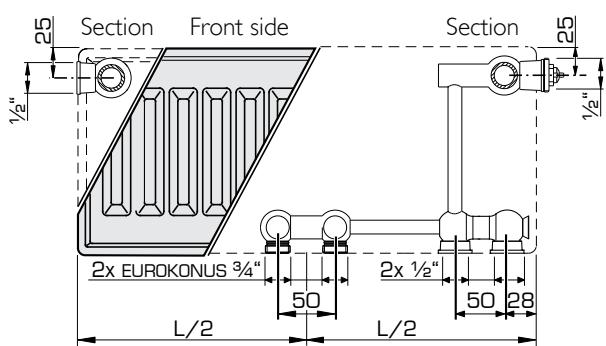


Type 20 / 30 - Left handed

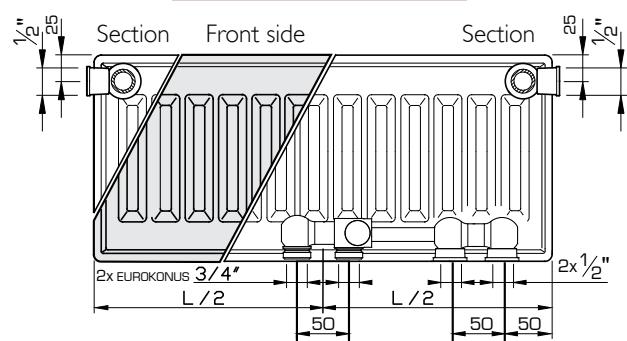


## Hygiene ECO Galva

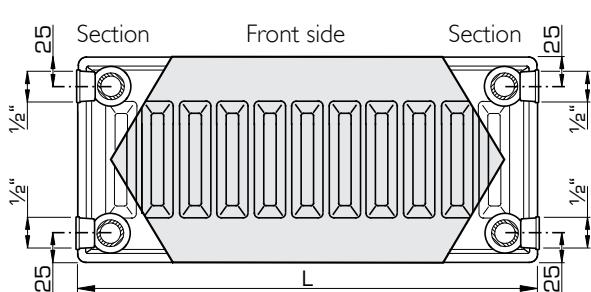
Type 10



Type 20 / 30



## Hygiene Hygiene Galva

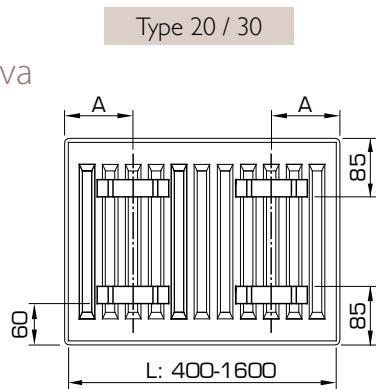


# LUG POSITIONS

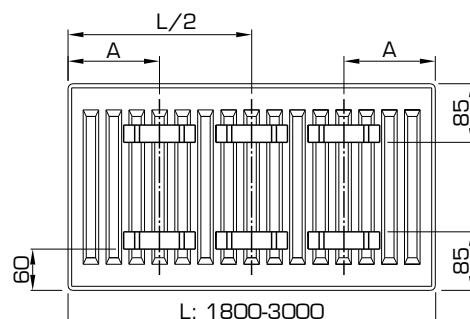
Hygiene ECO

Hygiene ECO Galva

L	A
400-1600	133



Type 20 / 30

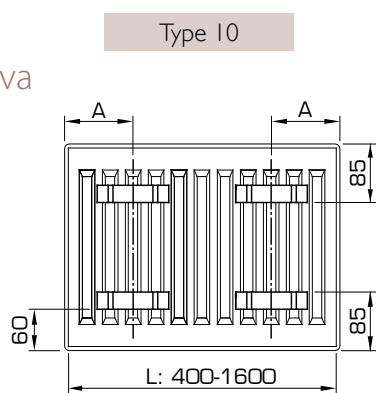


L	A
1800-3000	133

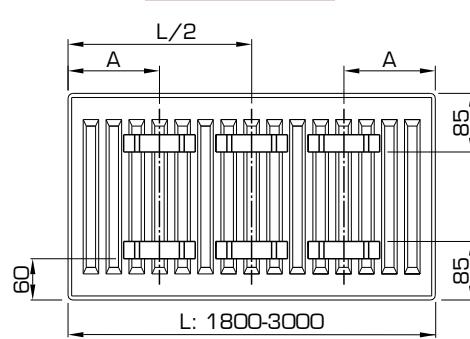
Hygiene ECO

Hygiene ECO Galva

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



Type 10

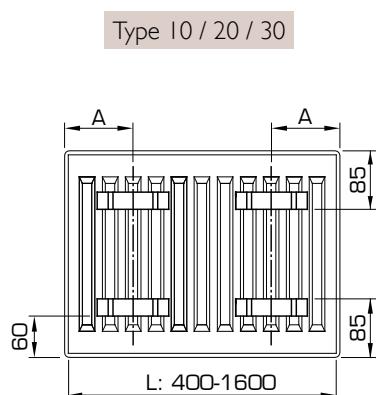


L	A
1800-3000	267

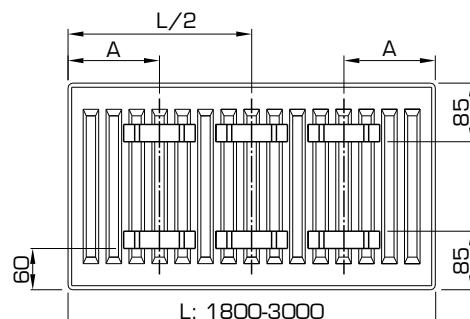
Hygiene

Hygiene Galva

L	A
400-1600	133



Type 10 / 20 / 30



L	A
1800-3000	133

# WALL BRACKETS

## J-Brackets (Monclac, VDI 6036 - Class 3)

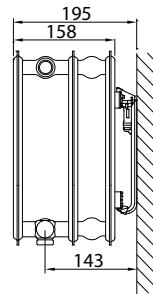
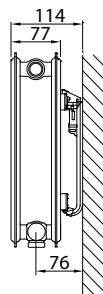
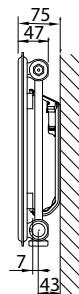
Hygiene ECO

Hygiene ECO Galva

Type 10 ECO

Type 20 ECO

Type 30 ECO



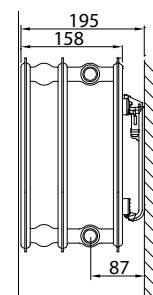
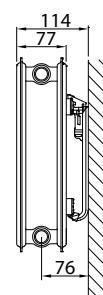
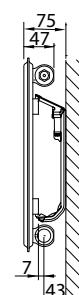
Hygiene Galva

Hygiene

Type 10

Type 20

Type 30



Type 10 J-Brackets (VDI 6036 Class 3)	x	y	Art. N°. 2 pcs.	Height mm
Radiator bottom	/	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-Brackets (VDI 6036 Class 3)	x	y	Art. N°. 2 pcs.	Art. N°. 3 pcs.	Height mm
Radiator bottom	/	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 above 1600 mm: 3 brackets needed.



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