

INTEGRAL VERTICAL



Datasheet

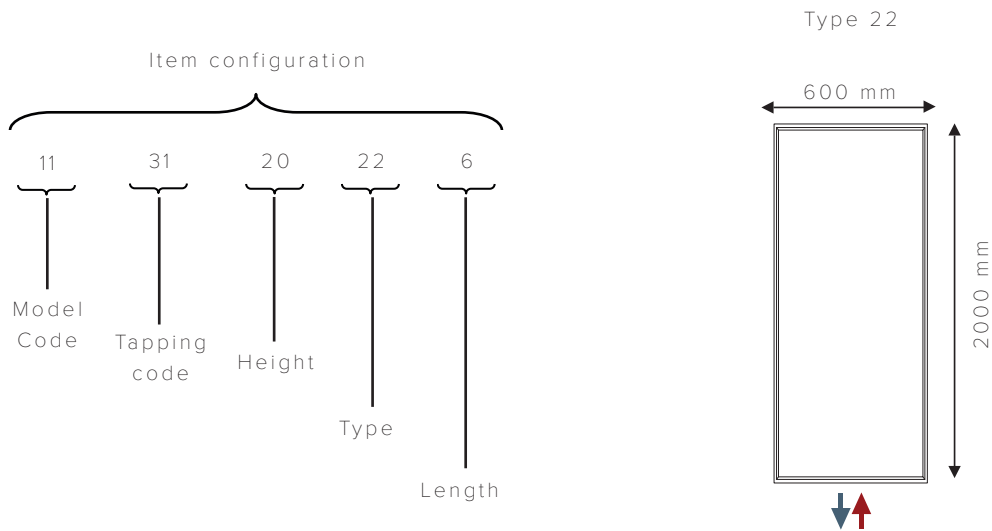
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SPECIFICATION

HOW TO SPECIFY AN ITEM

Item number example 113120226



Note

Thermostat sensor head is not included in the product - should be ordered separately.
 If no orientation is specified, products will be delivered as a RIGHT version.

DESCRIPTION

Hudevad Integral Vertical is a very robust radiator which fits into any environment. A stylish and timeless design with a flat front and rounded corners complying with today's heating design demands. The Integral has been a bestseller in Scandinavia for decades. The flat front and the flushed sides make the radiator very easy to clean and highly durable.

Material	Radiator panels: 1.20 mm steel according to EN10051 Heating element: steel panel according to EN442
Test pressure	13 bar
Max. operating pressure	10 bar - in accordance with EN 442
Max. operating temperature	110°C
Warranty	10 years
Surface treatment	Pre-treatment by degreasing and steel phosphating. Powder coated in accordance with DIN 55900, EN 442. On the emitter the powder coating is preceded by primer coating.
Type	11, 20, 21 and 22
Height	1600, 1800 and 2000 mm
Width	300, 400, 500, 600 and 700 mm
Depth	49, 78 and 101 mm
Connections	All connections 1/2" standard (adapters available)
Installation	Hudevad J brackets, air vent, blind plug, screws and rawl plugs are included.
Mounting straps	No mounting straps
Colour	Powder coated in white RAL 9016, gloss 70 Option: Painted in other colours. Please see the Hudevad Radiator Design Colour Brochure at www.hudevad.com

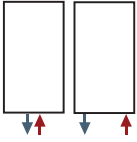
TAPPING OVERVIEW

Tapping code	Tapping type	Tapping possibilities
31	Bottom tapplings Flow right	
32	Bottom tapplings Flow left	
33	Top tapplings Flow right	
34	Top tapplings Flow left	

TAPPING OVERVIEW

TAPPING CODE 31 - Bottom tapping, flow RIGHT

Drawing 5.1

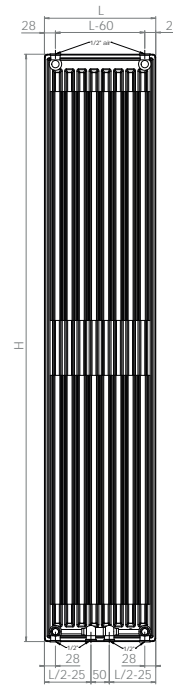


View from the front

L, mm	H, mm
300	
400	1600, 1800
500	and 2000 mm
600	
700	

Note

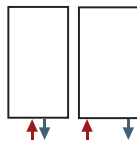
Type 11 is not possible in this tapping configuration



View from the back

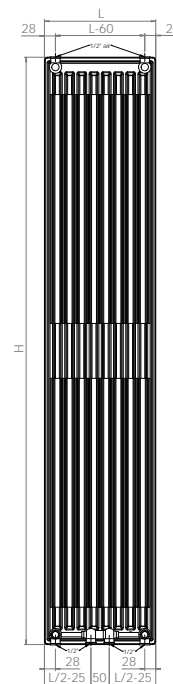
TAPPING CODE 32 - Bottom tapping, flow LEFT

Drawing 5.2



View from the front

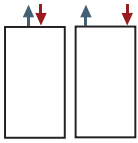
L, mm	H, mm
300	
400	1600, 1800
500	and 2000 mm
600	
700	



View from the back

TAPPING CODE 33 - Top tapping, flow RIGHT

Drawing 6.1

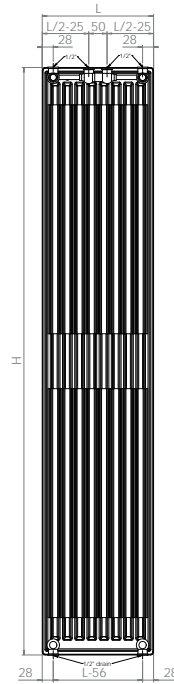


View from the front

L, mm	H, mm
300	
400	1600, 1800
500	and 2000 mm
600	
700	

Note

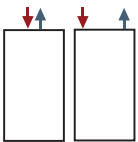
Type 11 is not possible in this tapping configuration



View from the back

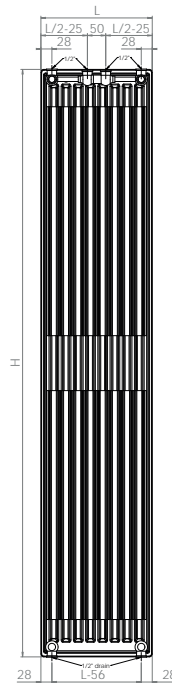
TAPPING CODE 34 - Top tapping, flow LEFT

Drawing 6.2



View from the front

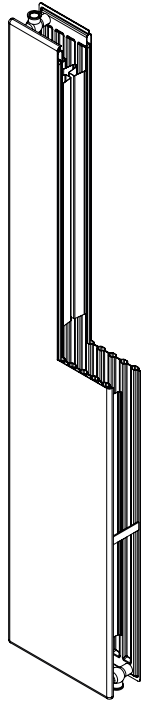
L, mm	H, mm
300	
400	1600, 1800
500	and 2000 mm
600	
700	



View from the back

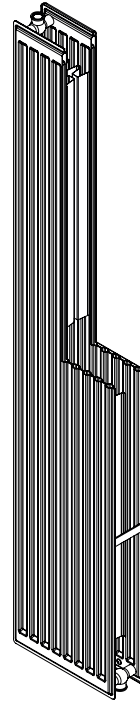
ILLUSTRATIONS

VIEW FROM THE FRONT



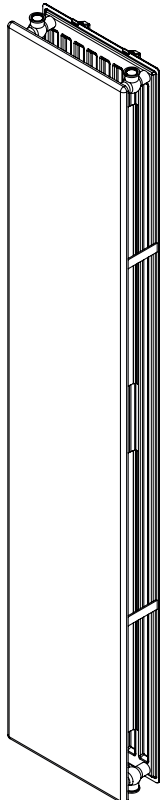
Drawing 7.1

VIEW FROM THE BACK



Drawing 7.2

WALL MOUNTED



Drawing 7.3

HUDEVAD
RADIATOR DESIGN

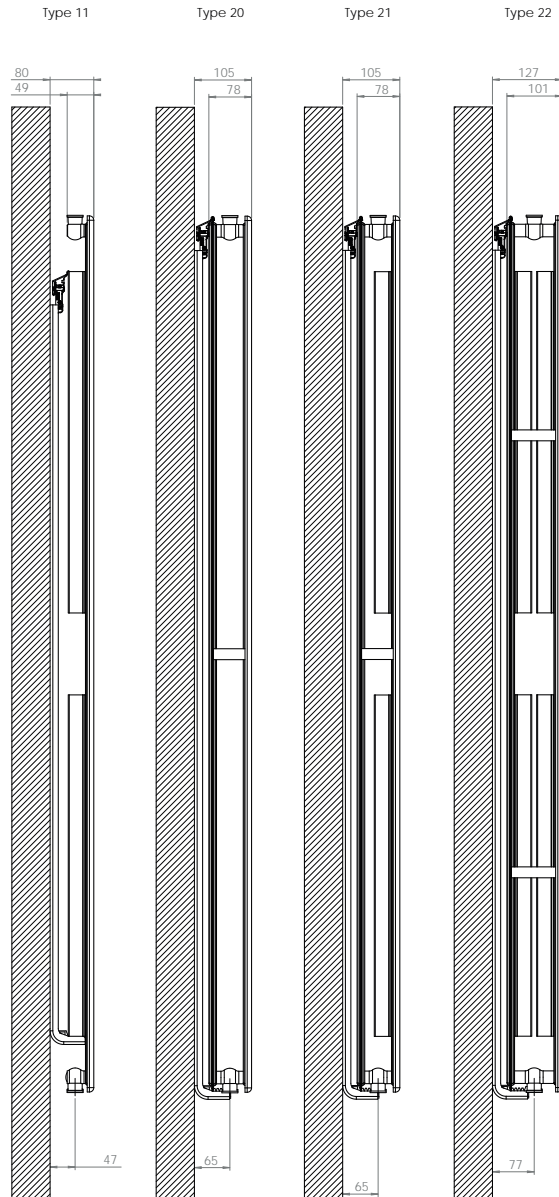
DIMENSIONS

ALL TAPPING CODES

All types are delivered without mounting straps.

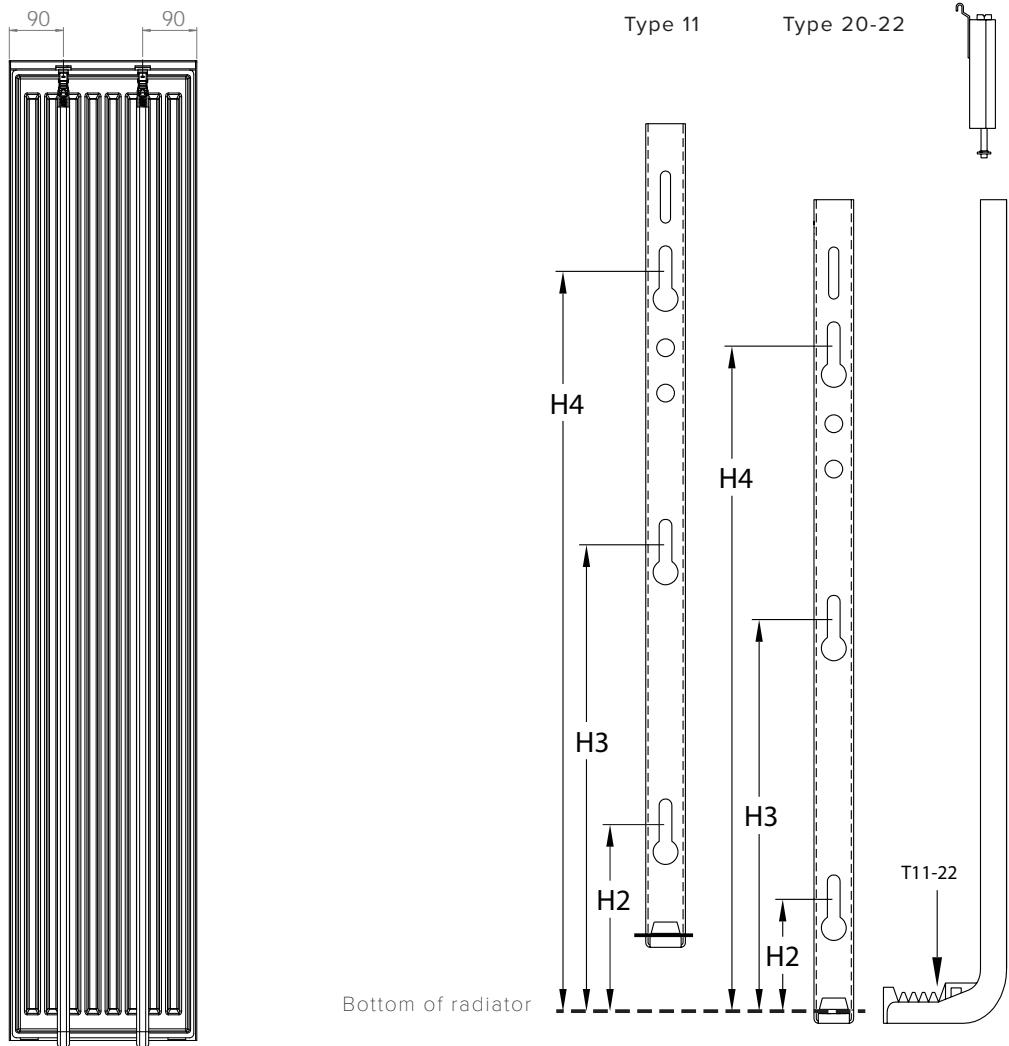
For type 11, metal adaptors that act as mounting straps must be mounted on the convector during installation.

Drawing 8.1



**LOCATION OF J BRACKETS
ALL TAPPINGS CODES AND TYPES**

Drawing 9.1



Height in mm	Type 11			Type 20-22		
	H2	H3	H4	H2	H3	H4
1600	160	730	1300	70	740	1410
1800	160	830	1500	70	840	1610
2000	160	930	1700	70	940	1810

OUTPUT

TAPPING CODE 31 - 34

INTEGRAL T11 VERTICAL

Height, mm	Output			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
1600	1959	1230	792	7.2	56.1
1800	2133	1342	866	8.1	63
2000	2298	1446	936	9,0	69.6

INTEGRAL T20 VERTICAL

Height, mm	Output			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
1600	2310	1468	658	14.1	77.7
1800	2532	1608	1050	16.2	86.7
2000	2748	1746	1138	18.3	95.4

INTEGRAL T21 VERTICAL

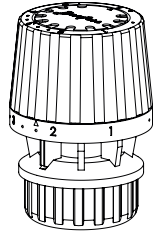
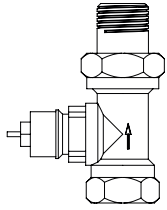
Height, mm	Output			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
1600	2808	1762	1134	14.1	85.8
1800	3060	1922	1240	15.9	96
2000	3270	2056	1328	17.7	106.2

INTEGRAL T22 VERTICAL

Height, mm	Output			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
1600	3420	2134	1368	14.1	94.2
1800	3690	2300	1472	15.9	105.3
2000	3960	2466	1578	17.7	116.4

ACCESSORIES

DANFOSS ACCESSORIES



Hudevad recommends use of Danfoss accessories when fitting the radiator.
For further accessories please refer to the Hudevad Pricelist.