

P5 HORIZONTAL



Datasheet

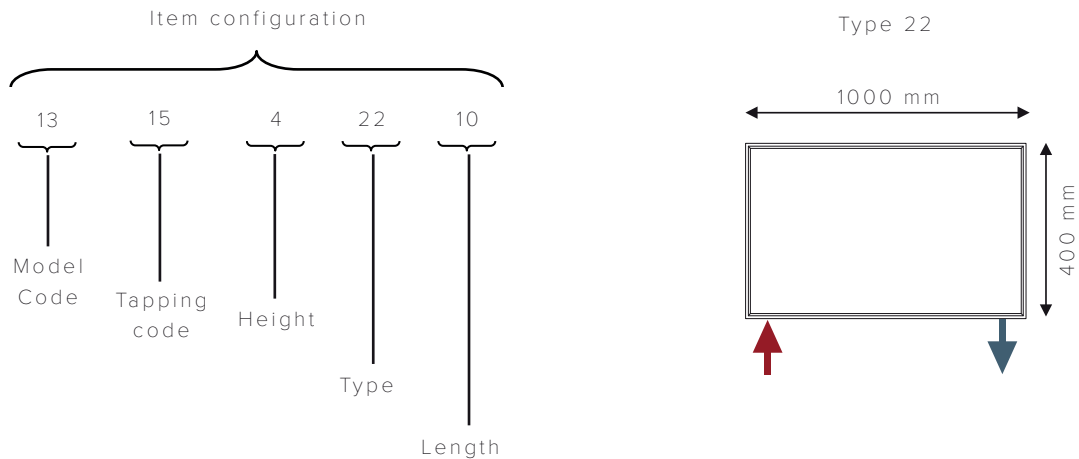
INDEX

Specification	2
Description.....	3
Tapping overview with measurements	4
Built-in valves	8
Hidden tapplings, Easy Clean & placement of wall outlet/PEX socket location...	9
Other options.....	10
Forced water / Serial connection.....	11
Illustrations.....	12
Dimensions.....	13
Output.....	16
Accessories	19
Availability Matrix	20

SPECIFICATION

HOW TO SPECIFY AN ITEM

Item number example 131542210



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.

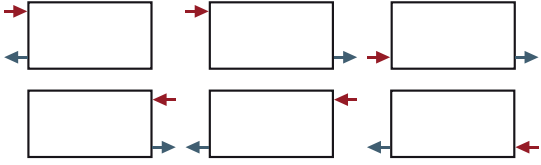




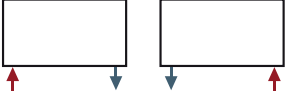

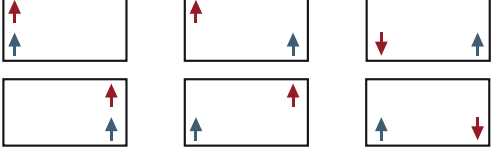
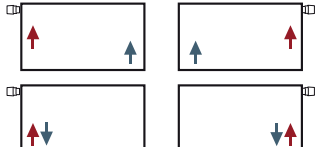
Please also note that tapping code 15, 16, 17 and 18 are supplied as a kit that must be assembled on site.

DESCRIPTION

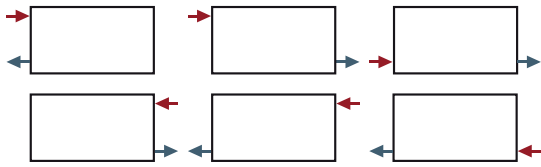
Hudevad P5 is the embodiment of clean design and reliable output. The look and feel of the P5 radiator is Scandinavian simplicity at its finest. The P5 radiator has an excellent output, is sturdy, stable and is truly an asset as an architectural tool. The P5 has a smooth, flat rebated front plate with solid top and closed sides.

Material	Radiator casing: 2.00 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	10, 11, 20, 22 and 33 (Selected types not available in all tapping configurations)
Height	320, 420, 520, 620, 720 & 920 mm For height 200, please see P5 Lowline
Length	410 to 2020 mm (Availability of lengths varies depending of chosen tapping configuration and height)
Depth	35, 62, 102 and 160 mm
Connections	All connections 1/2" standard (adapters available) Tapping Codes 13 and 14 are Euroconus connections and may require adaptors in the UK. Please contact Hudevad for further information.
Installation	Hudevad wall mounted brackets, air vent, blind plug, screws and rawl plugs are included. Feet for floor mounting and other custom brackets to be ordered separately.
Mounting straps	2 pcs. mounting straps up to 1700 mm and 3 pcs. from 1800 mm
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
Options	Feet, Easy Clean bracket and forced water. For further options contact your local Hudevad sales agent.

TAPPING OVERVIEW

Tapping code	Extended casing and kit	Tapping type	Tapping possibilities
10		ABCD (4 tap)	
11		FF built-in valve (6 tap right)	
12		EE built-in valve (6 tap left)	
13		Center tap R (8 tap right)	
14		Center tap L (8 tap left)	
15	✓	E/F, no valve	
16	✓	E/F, with valve R/L	
17	✓	Hidden tappings, no valve	
18	✓	Hidden tappings, with valve R/L	

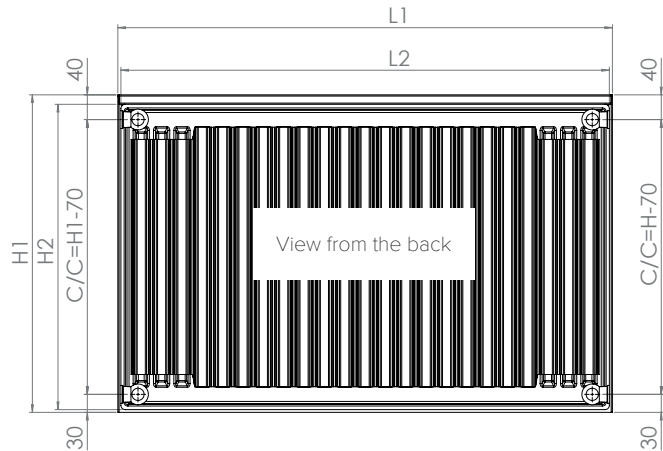
TAPPING CODE 10 - Tapping possibilities ABCD



Drawing 5.1

View from the front

H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	410-2010 mm	400-2000 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		



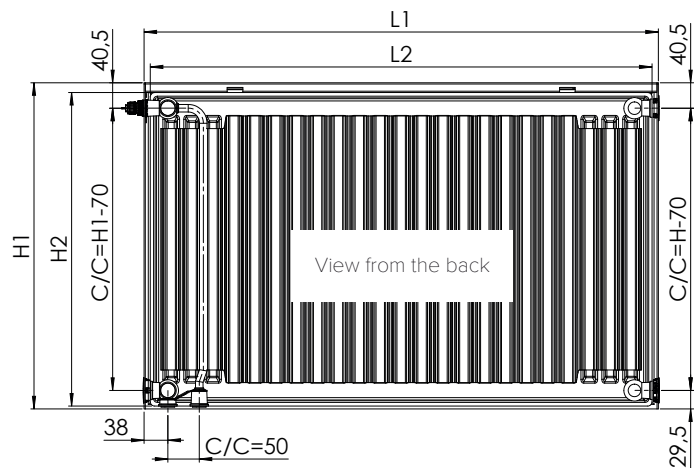
TAPPING CODE 11 - Tapping possibilities - FF built-in valve RIGHT



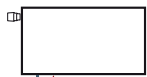
Drawing 5.2

View from the front

H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	420-2020 mm	400-2000 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		



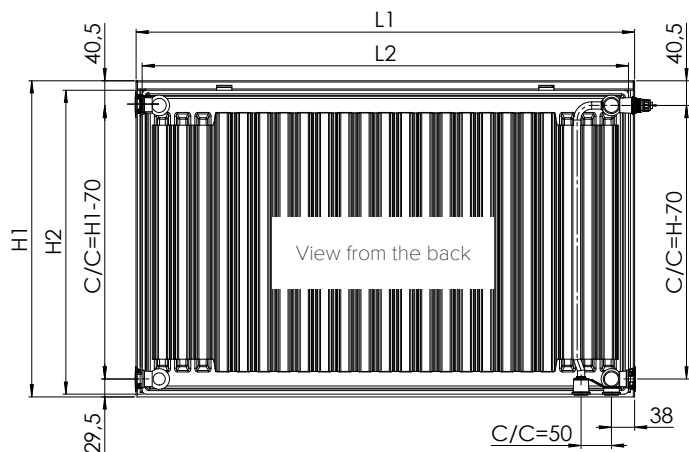
TAPPING CODE 12 - Tapping possibilities - EE built-in valve LEFT



Drawing 5.3

View from the front

H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	420-2020 mm	400-2000 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		



Note

Only type 22 is available in this configuration.

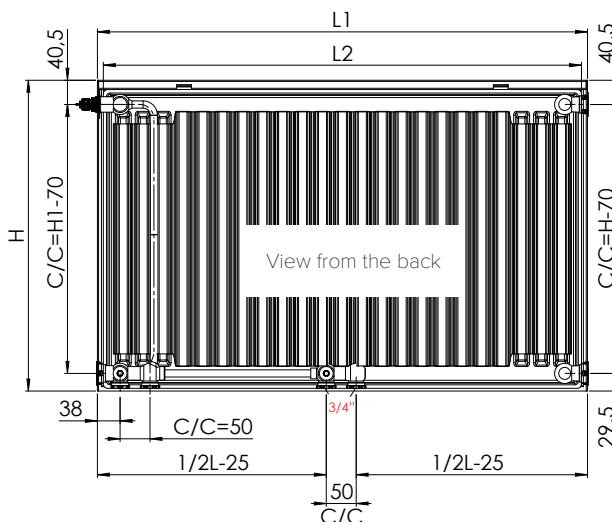
TAPPING CODE 13 - Tapping possibilities center tap RIGHT

Drawing 6.1



View from the front

H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	420-2020 mm	400-2000 mm
520	500	in	in
620	600	200 mm	200 mm
720	700	increments	increments
920	900		



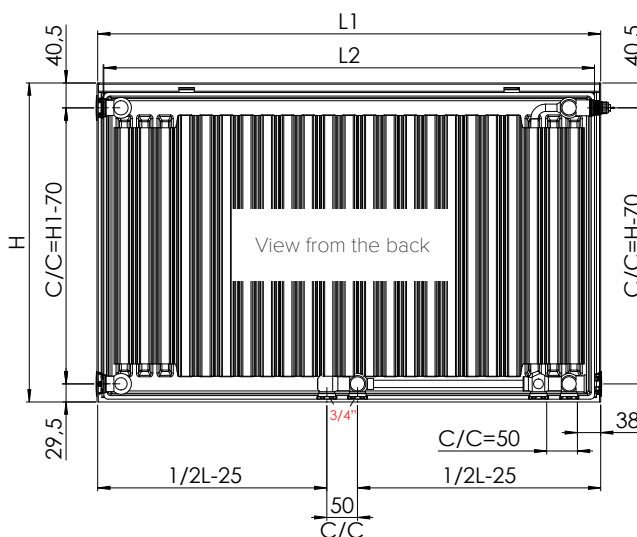
TAPPING CODE 14 - Tapping possibilities center tap LEFT

Drawing 6.2



View from the front

H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	420-2020 mm	400-2000 mm
520	500	in	in
620	600	200 mm	200 mm
720	700	increments	increments
920	900		

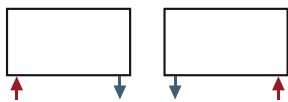


Note

Only type 22 is available in this configuration.

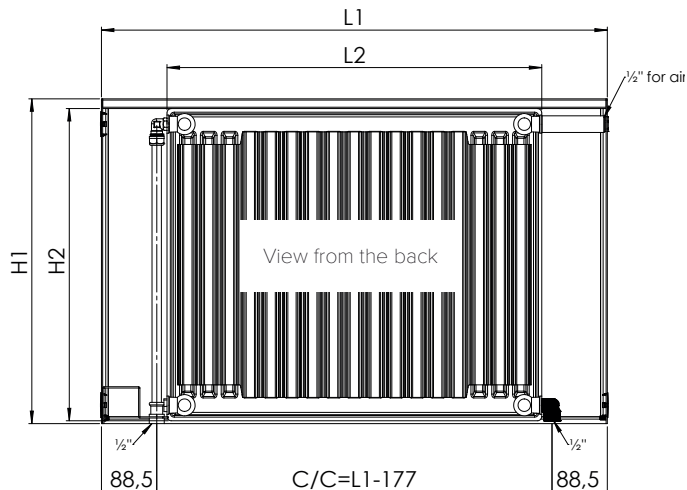
TAPPING CODE 15 - Tapping possibilities E/F, no valve

Drawing 6.3



View from the front

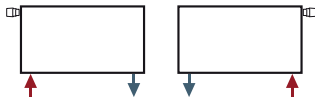
H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	610-2010 mm	400-1800 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		



Tapping Code 15 is made using an extended casing (200 mm), offering concealed pipework with standard EU measurements

TAPPING CODE 16 - Tapping possibilities E/F, with valve R/L

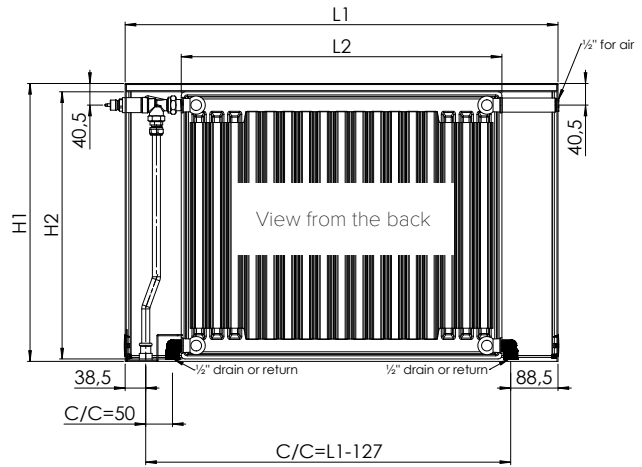
Drawing 7.1



View from the front

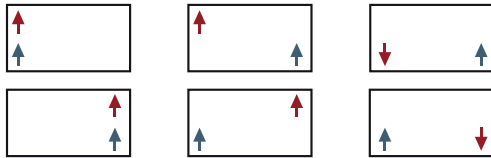
H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	610-2010 mm	400-1800 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		

Tapping Code 16 is made using an extended casing (200 mm), offering concealed pipework with standard EU measurements



TAPPING CODE 17 - Tapping possibilities Hidden tapping, no valve

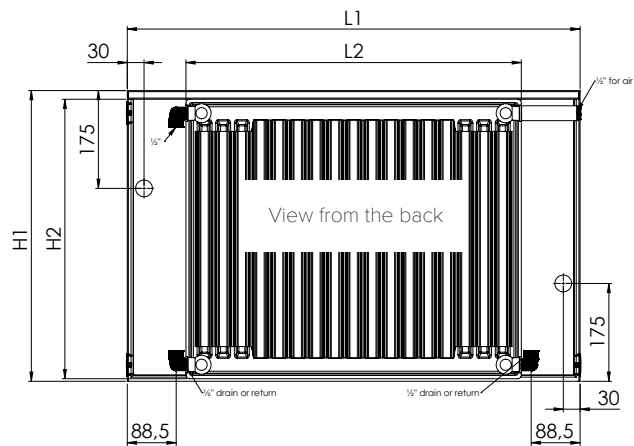
Drawing 7.2



View from the front

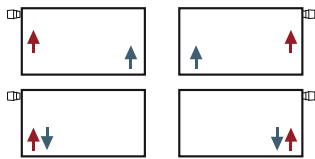
H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	610-2010 mm	400-1800 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		

Tapping Code 17 is made using an extended casing (200 mm), offering concealed pipework with standard EU measurements



TAPPING CODE 18 - Tapping possibilities Hidden tapping, with valve R/L

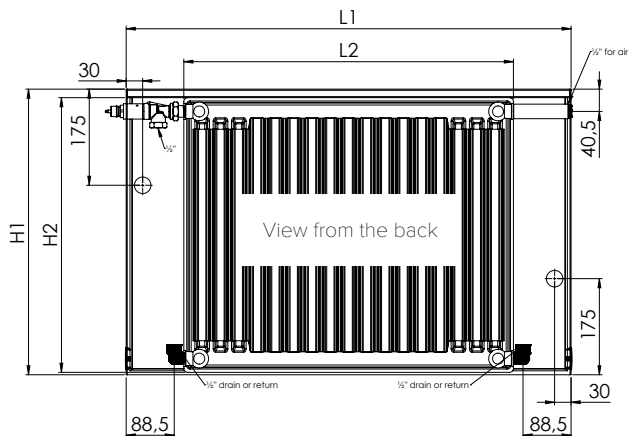
Drawing 7.3



View from the front

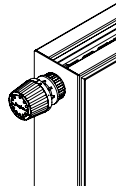
H1, mm	H2, mm	L1, mm	L2, mm
320	300		
420	400	610-2010 mm	400-1800 mm
520	500	in	in
620	600	100 mm	100 mm
720	700	increments	increments
920	900		

Tapping Code 18 is made using an extended casing (200 mm), offering concealed pipework with standard EU measurements



BUILT-IN VALVES

BUILT-IN VALVE



Drawing 8.1

Application For use where a thermostatic valve is to be integrated within the radiator to offer discreet pipework and ease of installation. The thermostatic sensor of the valve is passed through a hole in the side of the radiator.

Built-in valve Hudevad radiators with built-in valve is supplied with Danfoss RA-N valve. Tapping codes 16 and 18 are supplied with spindle extenders. Note: Spindle extenders to be dismounted for presetting.

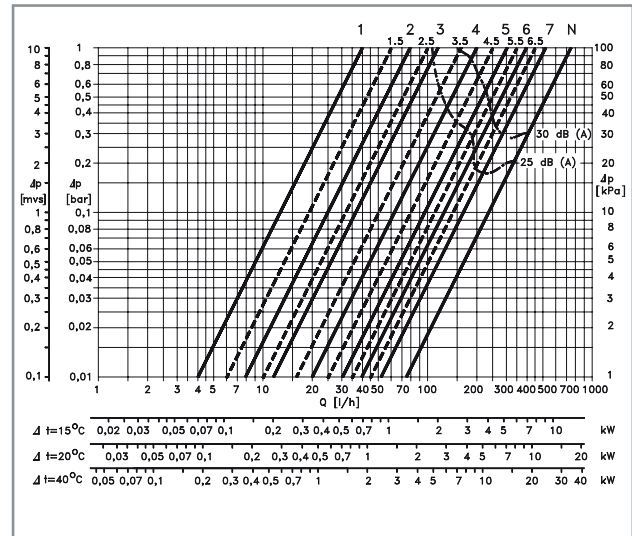
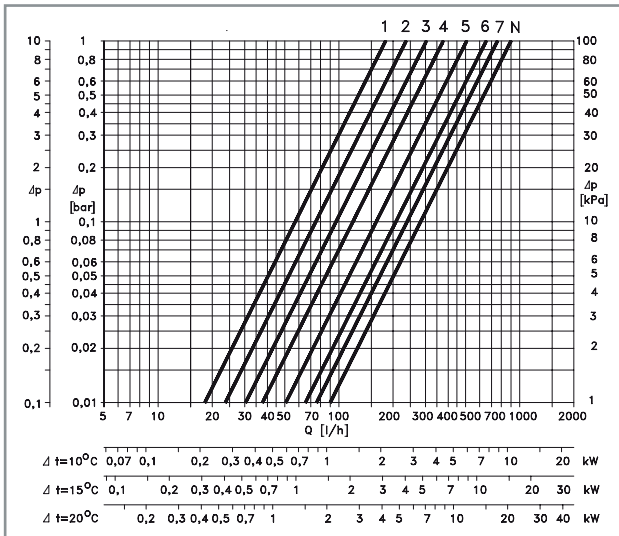
Drawing 8.2

Tapping code 11, 12, 13 and 14 Built-in valve

Type	Code no.
RA-N	013G1382

Tapping code 16 and 18 Valve with presetting

Type	Code no.	Description
RA-N 15 UK	013G0153	Rp 1/2 - Horizontal angle



HIDDEN TAPPINGS

HIDDEN TAPPINGS

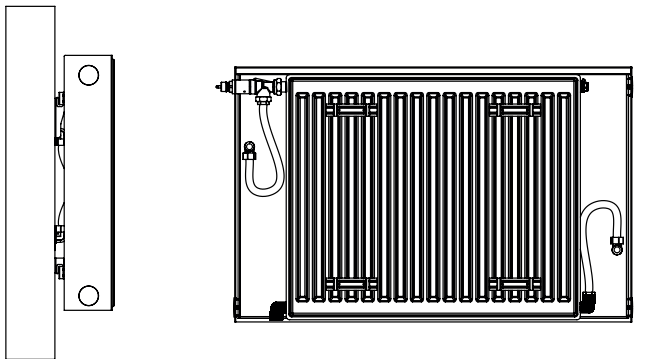
Description Hidden tappings embraces a simple, timeless design through a unique connection method that conceals all pipework. The radiators can be supplied for opposite end or same end connections. Flexhoses made of high density armored silicone are included from the factory. Extremely easy to clean due to the flat front and concealed pipework. The connections and the flex hoses are concealed behind the extended front plate. Only the air vent and the built-in valve are visible on the side of the radiator.

Installation The flex hoses (provided by Hudevad) are installed between the concealed radiator connections and the wall outlets/PEX sockets fitted by the installer. The radiator can then be mounted using the usual wall brackets.

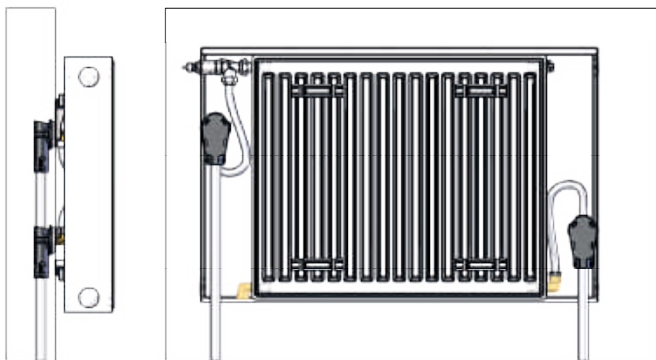
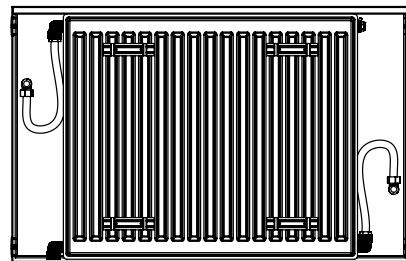
ILLUSTRATION OF FLEXHOSE PLACEMENT

Drawing 9.1

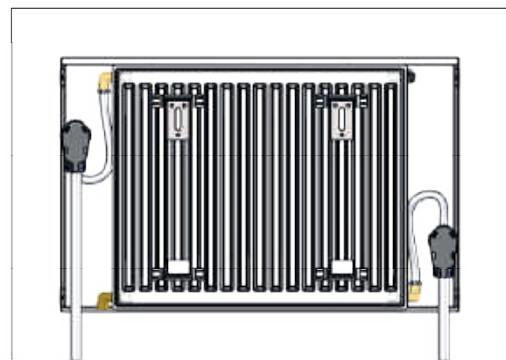
Flexhoses with valve



Flexhoses without valve



With wall outlet/PEX socket



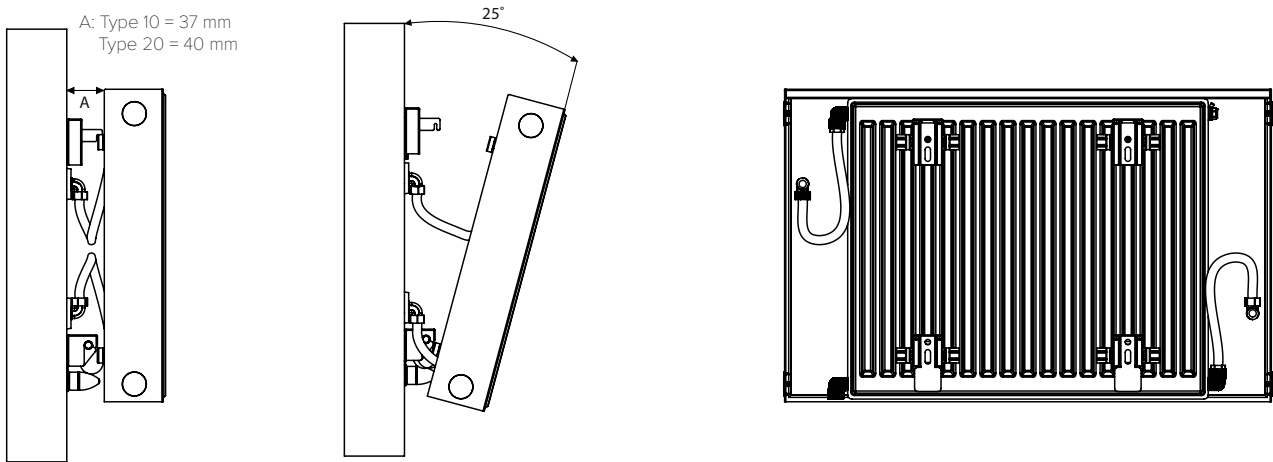
With wall outlet/PEX socket

HIDDEN TAPPINGS

ILLUSTRATION OF HIDDEN TAPPINGS WITH EASY CLEAN BRACKETS

Easy Clean brackets can be used on Type 10 and 20 - Tappingcode 17 and 18.
Maximum length 1610 mm

Drawing 10.1



PLACEMENT OF WALL OUTLET / PEX SOCKET

Drawing 10.2

Tapping code 17 - Hidden tapping - no valve

Tapping code 18 - Hidden tapping, valve R/L



Note

Position of pipe outlets / PEX outlets: The flow pipe outlet / PEX socket should be placed closest to the desired flow tapping. Top left or right side is recommended. Likewise, the return pipe outlet / PEX socket should be placed closest to the desired return tapping. Bottom left or right side is recommended. The recommended placements are shown in drawing 9.1

For same side connection, the pipe or PEX outlets are placed on the same side, using the measurements from drawing 9.1.

OTHER OPTIONS

OTHER CONNECTIONS

Sometimes a build or location requires something out of the ordinary, so if you need a connection not mention in our connection overview, then please contact our sales office at contact@hudevad.com and we will do our utmost to assist you.

HUDEVAD
RADIATOR DESIGN

FORCED WATER

SERIAL CONNECTION

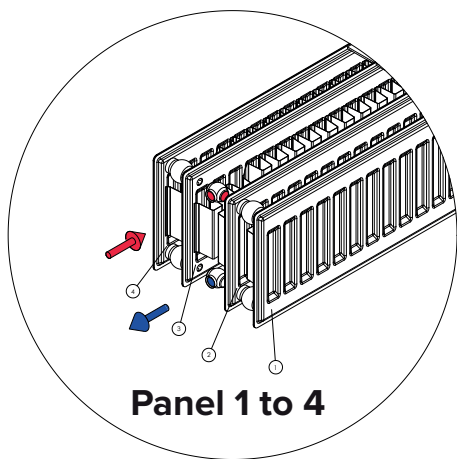
Hudevad P5 Horizontal can be installed in serial connection using forced water. At the factory, rubber plugs are installed inside the radiator that directs the water in the right direction, so that the hot water is led out into the front panels and returns in the rear panels. Hudevad's serial connection can be used on all radiators or convectors with 4 connections (Tapping code 10 / ABCD), but NOT on valve radiators. The system can be used on all radiators or convectors with 2 panels or more (Type 20-33).



Drawing 71

HOW IT WORKS

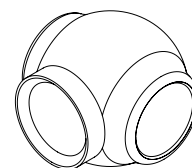
The last radiator or convector in a series must not have forced water in the rear connectors, as the water turns here.



The last radiator or convector in a series must **ALWAYS** have 2 rubber plugs for forced water:
The upper (red) leads the water out in panels 1 and 2.
The lower (blue) takes the water from panels 3 and 4..

The middle radiator(s) or convector (s) in a series must **ALWAYS** have 4 rubber plugs for forced water:
The top 2 (red) lead the water out in panels 1 and 2.
The bottom 2 (blue) take the water from panels 3 and 4.

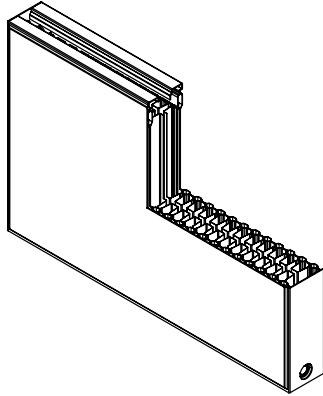
The first radiator or convector in a series must **ALWAYS** have 4 rubber plugs for forced water:
The top 2 (red) lead the water out in panels 1 and 2.
The bottom 2 (blue) take the water from panels 3 and 4.



- 61610035 1 pc.
- 61610037 Mounting, 2 pcs./radiator
- 61610038 Mounting, 4 pcs./radiator

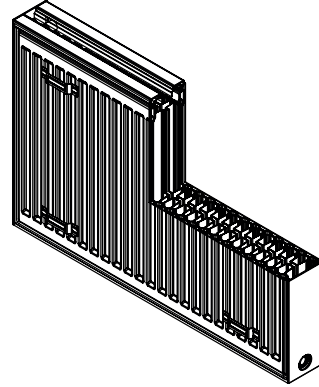
ILLUSTRATIONS

VIEW FROM THE FRONT



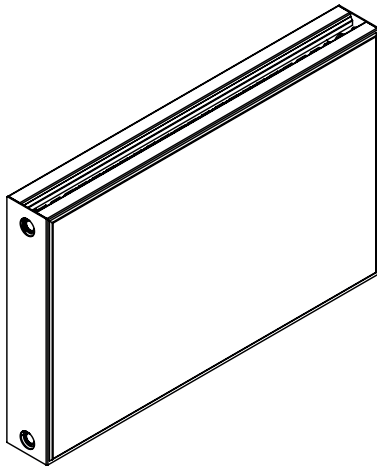
Drawing 12.1

VIEW FROM THE BACK



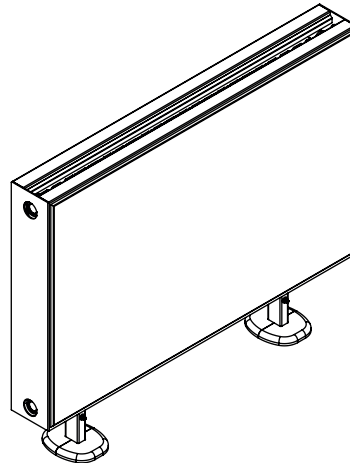
Drawing 12.2

WALL MOUNTED



Drawing 12.3

FLOOR MOUNTED (OPTIONAL)



Drawing 12.4

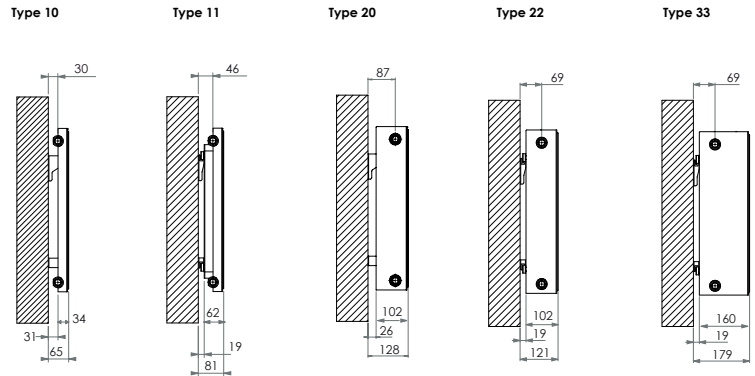
DIMENSIONS

TAPPING CODES WITH MOUNTING STRAPS

Drawing 13.1

- 10
- 15
- 16
- 17
- 18

Are all delivered with Hudevad standard brackets



TAPPING CODES WITH AND WITHOUT MOUNTING STRAPS

Drawing 13.2

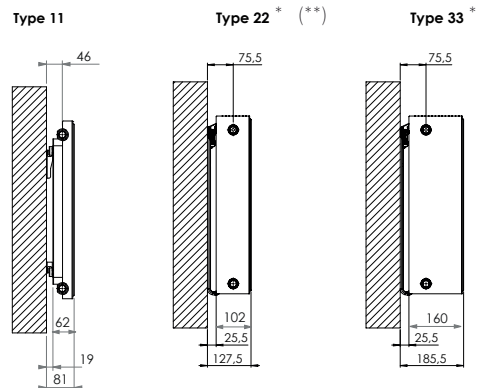
- 11
- 12
- 13
- 14

Type 11 is delivered with mounting straps. All others will be delivered with J brackets.

Wall distance for center tapping (tapping code 13 and 14)

*Right-hand version = 65 mm

** Left-hand version = 85 mm (Type 22 only)

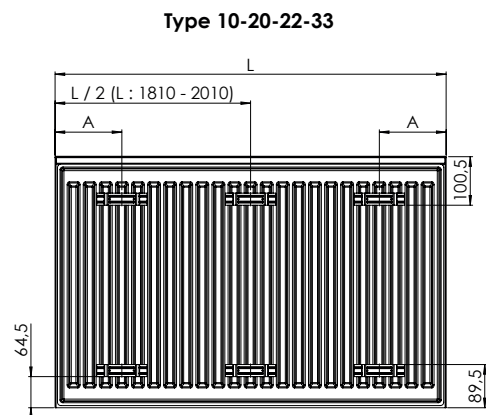
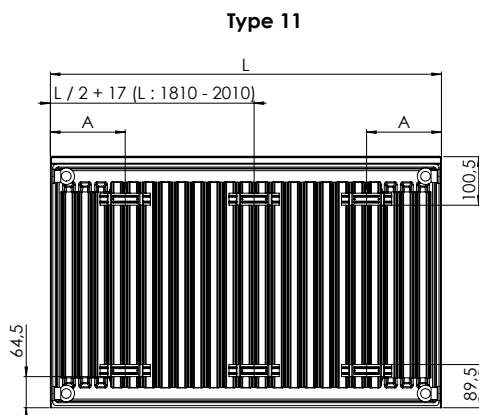


LOCATION OF MOUNTING STRAPS TAPPING CODE 10

Drawing 13.3

L	A
410	122
510-2010	155

L	A
410-2010	138

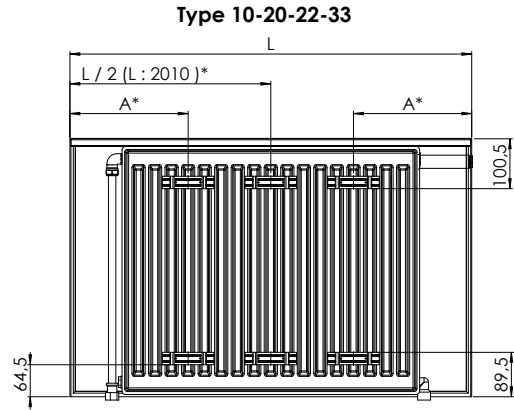
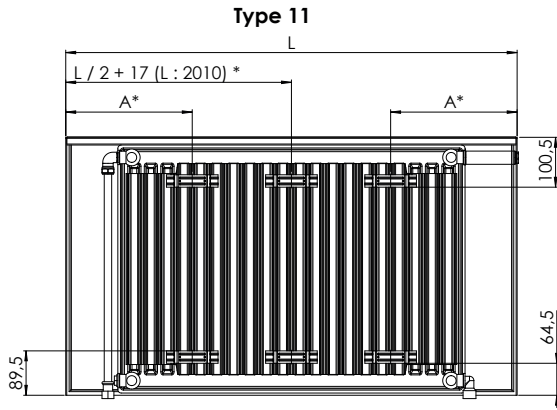


**LOCATION OF MOUNTING STRAPS
TAPPING CODE 15, 16, 17 AND 18**

L	A
610	222
710-2010	255

L	A
610-2010	238

Drawing 14.1

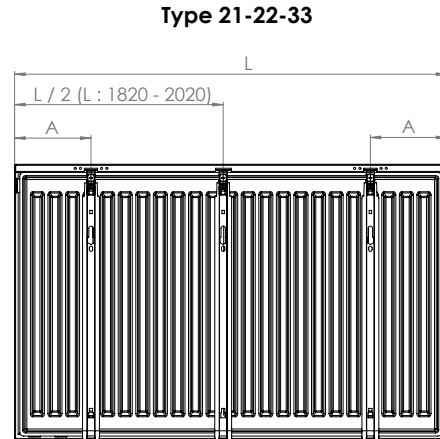
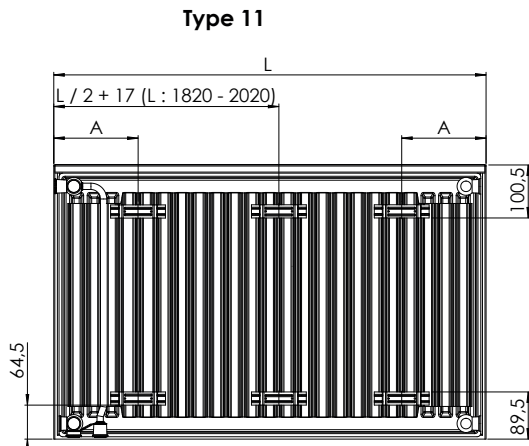


**LOCATION OF MOUNTING STRAPS / J-BRACKET
TAPPING CODE 11, 12, 13 AND 14**

L	A
420	127
520-2020	160

L	A
420-2020	145

Drawing 14.2



FLOOR MOUNTED

Adjustable Panel Radiator feet with cover

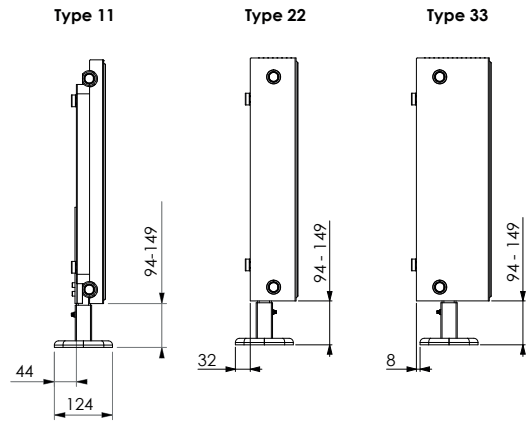
Suitable for heights 300, 400, 500 and 600 mm.

2 pcs. for length 400 – 1800 mm.
3 pcs. for length 1900 – 2000 mm.

Feet must be ordered separately.

Note

Panel Radiator Feet can't be mounted on center tap radiators (tapping codes 13 and 14) and type 10 and 20 radiators .



Drawing 15.1

FLOOR MOUNTED

Mounting feet with cover

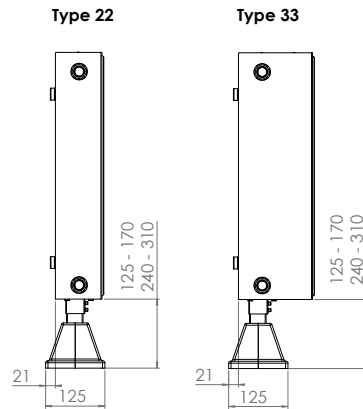
Suitable for all heights.

2 pcs. for length 400 – 1800 mm.
3 pcs. for length 1900 – 2000 mm.

Feet must be ordered separately.

Note

Mounting feet can't be mounted on type 10 and 11 radiators .



Drawing 15.2

OUTPUT

TAPPING CODE 10 - 14

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
300	307	195	127	1.86	11.3
400	390	248	162	2.33	14.5
500	471	301	197	2.80	17.7
600	550	353	232	3.26	20.9
700	627	402	264	3.73	24.4
900	776	498	327	4.65	31.4

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
300	468	299	195	1.86	13.5
400	608	387	253	2.33	17.7
500	744	473	309	2.80	21.8
600	874	555	361	3.26	26.0
700	1000	632	410	3.73	30.3
900	1237	774	497	4.65	39.1

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
300	531	334	216	3.61	17.2
400	680	427	276	4.62	21.3
500	820	515	332	5.63	25.4
600	952	597	384	6.63	29.5
700	1077	674	433	7.61	34.5
900	1308	814	520	9.55	44.7

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
300	843	532	344	3.61	22.2
400	1055	663	427	4.62	28.5
500	1255	785	504	5.63	34.7
600	1446	901	576	6.63	41.0
700	1630	1012	646	7.61	48.0
900	1977	1221	775	9.55	62.1

OUTPUT

TAPPING CODE 10 - 14

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
300	1191	749	484	5.40	31.2
400	1479	929	599	6.86	40.4
500	1758	1103	710	8.33	49.5
600	2031	1272	818	9.80	58.7
700	2301	1441	926	11.31	68.8
900	2835	1775	1141	14.32	89.1

TAPPING CODE 15 - 18 (EXTENDED CASING)

Note

Data is based on the emitter length, NOT total length.
Total length = emitter length + 200 mm

Height, mm	Output (emitter)			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
300	307	195	127	1.86	12.9
400	390	248	162	2.33	16.6
500	471	301	197	2.80	20.2
600	550	353	232	3.26	23.8
700	627	402	264	3.73	27.8
900	776	498	327	4.65	35.7

Height, mm	Output (emitter)			Water content	Weight
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°	litres/ metre	kg/ metre
300	468	299	195	1.86	15.4
400	608	387	253	2.33	20.1
500	744	473	309	2.80	24.9
600	874	555	361	3.26	29.6
700	1000	632	410	3.73	34.6
900	1237	774	497	4.65	44.5

OUTPUT

TAPPING CODE 15 - 18 (EXTENDED CASING)

Note

Data is based on the emitter length, NOT total length.
Total length = emitter length + 200 mm

Height, mm	Output (emitter)			Water content litres/ metre	Weight kg/ metre
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°		
300	531	334	216	3.61	19.4
400	680	427	276	4.62	24.2
500	820	515	332	5.63	28.9
600	952	597	384	6.63	33.6
700	1077	674	433	7.61	39.3
900	1308	814	520	9.55	50.9

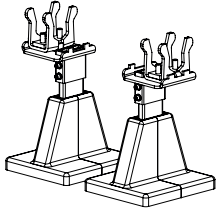
Height, mm	Output (emitter)			Water content litres/ metre	Weight kg/ metre
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°		
300	843	532	344	3.61	24.4
400	1055	663	427	4.62	31.7
500	1255	785	504	5.63	38.2
600	1446	901	576	6.63	45.0
700	1630	1012	646	7.61	52.8
900	1977	1221	775	9.55	68.3

Height, mm	Output (emitter)			Water content litres/ metre	Weight kg/ metre
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/30°/20°		
300	1191	749	484	5.40	33.7
400	1479	929	599	6.86	43.6
500	1758	1103	710	8.33	53.5
600	2031	1272	818	9.80	63.4
700	2301	1441	926	11.31	74.3
900	2835	1775	1141	14.32	96.2

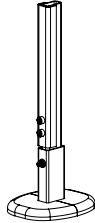
ACCESSORIES

Drawing 19.1

FEET

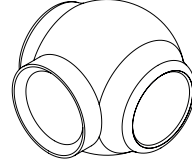


T1650 -T1651 Mounting feet



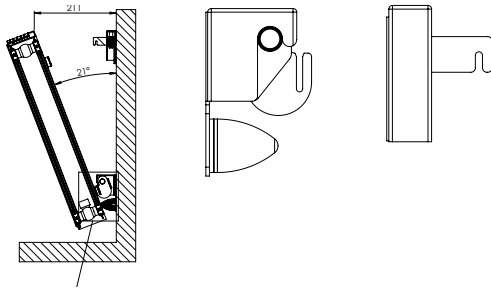
30204330 Panel radiator feet, low

FORCED WATER



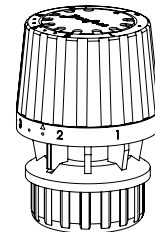
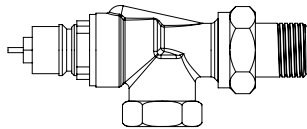
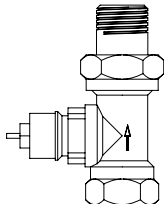
61610035 1 pc.
61610037 Mounting, 2 pcs./radiator
61610038 Mounting, 4 pcs./radiator

EASY CLEAN BRACKET



Suitable only for
H:300, 400, 500 and 600.
Types 10 and 20 up to length 1610 mm
Easy Clean brackets can be used on
tappingcodes 17 and 18.

DANFOSS ACCESSORIES



Drawing 19.2

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

AVAILABILITY MATRIX

TAPPINGCODE 10 - ABCD

Lgth./Type	H300 mm/ H320 mm					H400 mm/ H420 mm					H500 mm/ H520 mm				
	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/410	●	●	●	●		●	●	●	●		●	●	●	●	●
500/510	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1310				●					●					●	
1400/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1510				●					●			●		●	●
1600/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1710				●					●					●	
1800/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Lgth./Type	H600 mm/ H620 mm					H700 mm/ H720 mm					H900 mm/ H920 mm				
	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/410	●	●	●	●		●	●	●	●		●	●	●	●	●
500/510	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1310				●					●					●	
1400/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1510		●		●	●				●					●	●
1600/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1710				●					●					●	
1800/1810	●	●	●	●	●	●	●	●	●	●				●	
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●				●	

TAPPINGCODE 11 - FF, BUILT-IN VALVE, RIGHT

Lgth./Type	H300 mm/ H320 mm			H400 mm/ H420 mm			H500 mm/ H520 mm			H600 mm/ H620 mm			H700 mm/ H720 mm			H900 mm/ H920 mm		
	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33
400/420	●	●		●	●		●	●	●	●	●	●	●	●	●	●	●	●
500/520	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/620	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/720	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/820	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/920	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1020	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1120	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1220	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1320		●			●			●		●				●				
1400/1420	●	●	●	●	●	●		●	●		●	●	●	●	●	●	●	●
1500/1520		●			●			●		●			●					
1600/1620		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1720																		
1800/1820		●	●		●	●	●	●	●	●	●		●	●			●	●
1900/1920																		
2000/2020		●	●		●	●	●	●	●	●	●		●	●			●	●

TAPPINGCODE 12 - EE, BUILT-IN VALVE, LEFT

Lgth./Type	H300 mm/ H320 mm			H400 mm/ H420 mm			H500 mm/ H520 mm			H600 mm/ H620 mm			H700 mm/ H720 mm			H900 mm/ H920 mm		
	22			22			22			22			22			22		
400/420	●			●			●			●			●			●		
500/520	●			●			●			●			●			●		
600/620	●			●			●			●			●			●		
700/720	●			●			●			●			●			●		
800/820	●			●			●			●			●			●		
900/920	●			●			●			●			●			●		
1000/1020	●			●			●			●			●			●		
1100/1120	●			●			●			●			●			●		
1200/1220	●			●			●			●			●			●		
1300/1320	●			●			●			●			●			●		
1400/1420	●			●			●			●			●			●		
1500/1520	●			●			●			●			●			●		
1600/1620	●			●			●			●			●			●		
1700/1720																		
1800/1820	●			●			●			●			●			●		
1900/1920																		
2000/2020	●			●			●			●			●			●		

TAPPINGCODE 13 - CENTRE TAPPING, RIGHT

Lgth./Type	H300 mm/ H320 mm			H400 mm/ H420 mm			H500 mm/ H520 mm			H600 mm/ H620 mm			H700 mm/ H720 mm			H900 mm/ H920 mm		
	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33
400/420	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●
500/520																		
600/620	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
700/720																		
800/820	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
900/920																		
1000/1020	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
1100/1120																		
1200/1220	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
1300/1320																		
1400/1420	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
1500/1520																		
1600/1620		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
1700/1720																		
1800/1820		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
1900/1920																		
2000/2020		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●

TAPPINGCODE 14 - CENTRE TAPPING, LEFT

Lgth./Type	H300 mm/ H320 mm			H400 mm/ H420 mm			H500 mm/ H520 mm			H600 mm/ H620 mm			H700 mm/ H720 mm			H900 mm/ H920 mm		
	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33	11	22	33
400/420		●			●			●			●			●				
500/520																		
600/620		●			●			●			●			●				
700/720																		
800/820		●			●			●			●			●				
900/920																		
1000/1020		●			●			●			●			●				
1100/1120																		
1200/1220		●			●			●			●			●				
1300/1320																		
1400/1420		●			●			●			●			●				
1500/1520																		
1600/1620		●			●			●			●			●				
1700/1720																		
1800/1820		●			●			●			●			●				
1900/1920																		
2000/2020		●			●			●			●			●				

TAPPINGCODE 15 - E/F, NO VALVE

H300 mm/
H320 mm

H400 mm/
H420 mm

H500 mm/
H520 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●					●					●	
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710				●					●					●	●
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●					●					●	
1800/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

H600 mm/
H620 mm

H700 mm/
H720 mm

H900 mm/
H920 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●		●	●	●	●		●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●											
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710		●		●	●									●	
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●											
1800/2010	●	●	●	●	●	●	●	●	●	●				●	
1900/1910				●											
2000/2010	●	●	●	●	●	●	●	●	●	●				●	

TAPPINGCODE 16 - E/F, WITH VALVE

H300 mm/
H320 mm

H400 mm/
H420 mm

H500 mm/
H520 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●					●					●	
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710				●					●					●	●
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●					●					●	
1800/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

H600 mm/
H620 mm

H700 mm/
H720 mm

H900 mm/
H920 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●		●	●	●	●		●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●											
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710		●		●	●									●	
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●											
1800/2010	●	●	●	●	●	●	●	●	●	●				●	
1900/1910				●											
2000/2010	●	●	●	●	●	●	●	●	●	●				●	

TAPPINGCODE 17 - HIDDEN TAPPING, NO VALVE

H300 mm/
H320 mm

H400 mm/
H420 mm

H500 mm/
H520 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●					●					●	
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710				●					●					●	●
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●					●					●	
1800/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

H600 mm/
H620 mm

H700 mm/
H720 mm

H900 mm/
H920 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●		●	●	●	●		●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●											
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710		●		●	●									●	
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●											
1800/2010	●	●	●	●	●	●	●	●	●	●				●	
1900/1910				●											
2000/2010	●	●	●	●	●	●	●	●	●	●				●	

TAPPINGCODE 18 - HIDDEN TAPPING, WITH VALVE

H300 mm/
H320 mm

H400 mm/
H420 mm

H500 mm/
H520 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●					●					●	
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710				●					●					●	●
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●					●					●	
1800/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900/1910				●					●					●	
2000/2010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

H600 mm/
H620 mm

H700 mm/
H720 mm

H900 mm/
H920 mm

Lgth./Type	10	11	20	22	33	10	11	20	22	33	10	11	20	22	33
400/610	●	●	●	●		●	●	●	●		●	●	●	●	●
500/710	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
600/810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
700/910	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
800/1010	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
900/1110	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1000/1210	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1100/1310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1200/1410	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1300/1510				●											
1400/1610	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1500/1710		●		●	●									●	
1600/1810	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1700/1910				●											
1800/2010	●	●	●	●	●	●	●	●	●	●				●	
1900/1910				●											
2000/2010	●	●	●	●	●	●	●	●	●	●				●	