

shape



Hudevad Plan XV



Technical datasheet

HUDEVAD
shape

Key benefits



Minimalistic Scandinavian design
Matches any architecture



Vertical design
Ideal for rooms with high ceilings and limited wall space



Elegant flat front
Can be used either as a discreet design element or as a bold architectural statement

Index

Description..... 4

Illustrations 5

Dimensions..... 5

 Weight table7

Build-in dimensions 7

 Built-in valves.....8

Output 10

Tappings 18

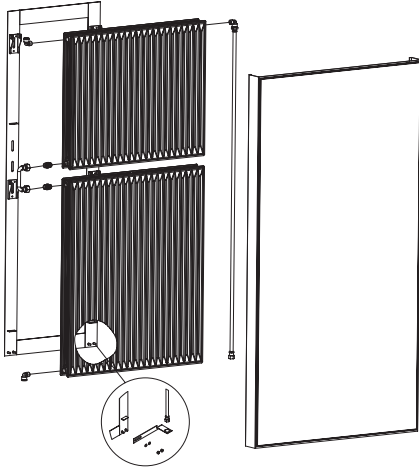
Description

The Hudevad Plan XV is one of our most prestigious radiators. The vertical giant is a statement on the wall to be incorporated in the interior design of the room, making it an active part of the decoration. The radiator has high outputs and outstanding functionality, which makes it a great choice for large rooms that are otherwise difficult to heat.

Material	Front plate: 2.00 mm steel to EN 10051 Mounting frame: 2 mm steel plate with welded-on brackets
Test pressure	13 bar
Max. operating pressure	10 bar in accordance with EN 442
Max. operating temperature	95°C
Surface treatment	Pretreatment: Degreasing and passivation Priming: Primed with water based paint in pale grey
Length	550-1150 mm, in increments of 100 mm The front panel is 150 mm longer than the concealed radiators
Height	1600-3000 mm, in increments of 100 mm The front panel is 130-140 mm higher than the concealed radiators
Depth	86, 116 and 173 mm, suitable for Hudevad Standard types 21, 22 and 33
Tappings	1/2" standard
Installation	Wall mounted (mounting frame is included) Air vents and plugs are included
Optional extras	Front panel with special dimensions, please consult Hudevad. Other combinations of front panel and radiators, please consult Hudevad
Colour	Powder-coated white RAL 9010, gloss 70 Options: Painted in other standard RAL and BS colours Surface treatment in accordance with DIN 55900 and EN 442

Illustration

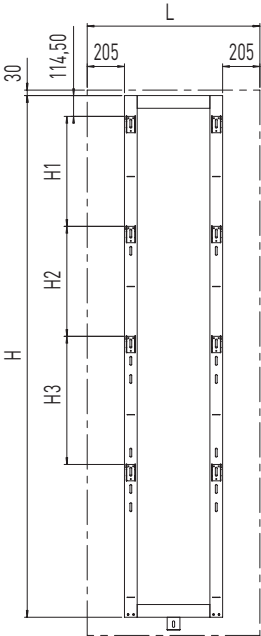
Principle drawing



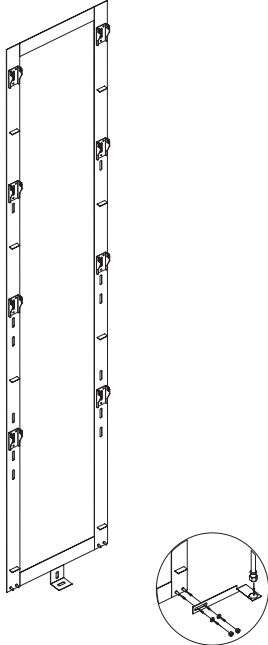
Dimensions

Mounting frame

Mounting frame with front panel outline, front view



Mounting frame, front view



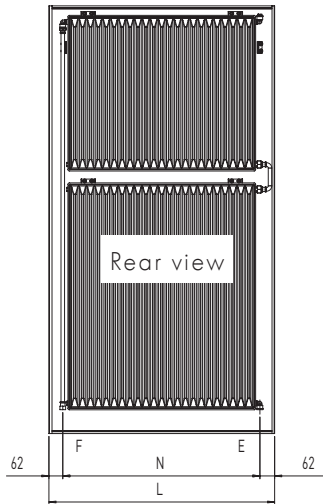
Attach the tube holder supplied to the flow side.
 Length of mounting frame is calculated as: Total length (L)-410 mm.
 Bracket distance can be seen from the table below.

Mounting frame dimensions

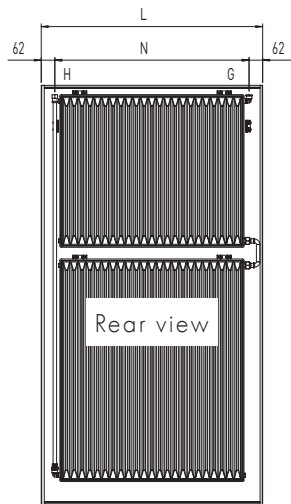
Height, front panel, mm	H = height, mounting frame, mm	H1, mm	H2, mm	H3, mm
1600	1470	505	-	-
1700	1570	605	-	-
1800	1670	705	-	-
1900	1770	505	605	-
2000	1870	605	605	-
2100	1970	605	705	-
2200	2070	705	705	-
2300	2170	605	605	-
2400	2270	605	705	-
2500	2370	705	705	-
2600	2470	505	1005	-
2700	2570	605	1005	-
2800	2670	705	1005	-
2900	2770	705	705	705
3000	2870	605	605	705

Tapping distances

Bottom tapings E, F



Top tapings G, H



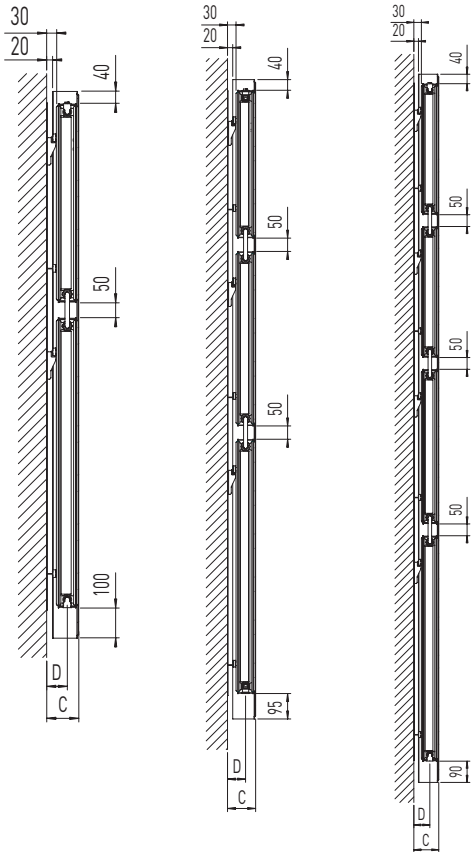
Centre distance N is calculated as: Total length (L)-124 mm
 Lengths (L): 550-1150 mm in increments of 100 mm. The front panel is 150 mm longer than the concealed radiators

Weight table for Plan XV, kg/metre (height)

Depth, mm	Radiator type	Length, mm						
		550	650	750	850	950	1050	1150
86	PKP/21	30,3	36,0	41,7	47,4	53,1	58,9	64,6
116	2PK/22	34,4	40,9	47,5	54,0	60,6	67,2	73,7
173	3PK/33	45,5	54,3	63,3	72,2	81,1	90,0	99,0

Build-in dimensions

Plan XV with 2, 3 and 4 radiators, profile

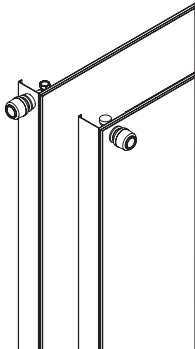


Wall distances

Depth, mm	D, mm	C, mm
86	68	106
116	83	136
173	83	193

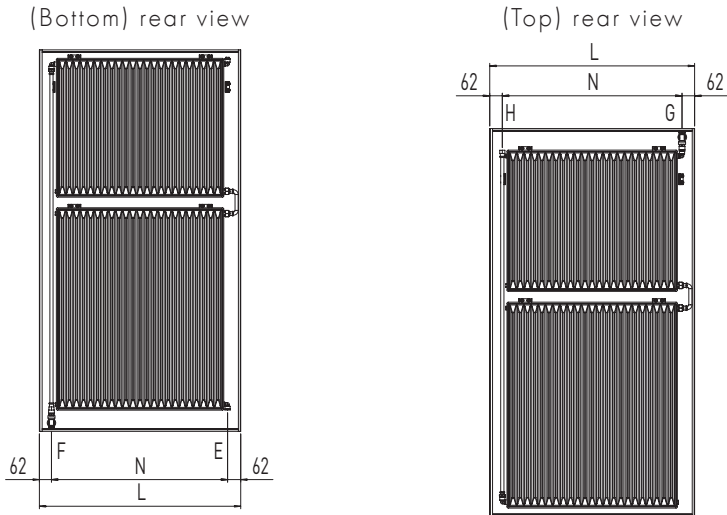
Built-in valve

- Application** For use where a thermostatic valve is to be integrated within the radiator, where discreet pipework is required or for the ease of installation.
- Tappings** Type 1 and 3 valve radiators have underside 1/2" tappings. Tapping combinations 2E, 2F or E-F can be ordered. Air vent opposite the valve can be ordered. The valve is factory fitted on the flow pipe supplied.
- Built-in valve** Type 1 and 3 valves are supplied with spindle extenders for all depths.
NOTE: Spindle extender to be dismantled for presetting.



Plan XV with built-in valve type 1 (front) and type 3 (side/end)

Built-in valve type 1

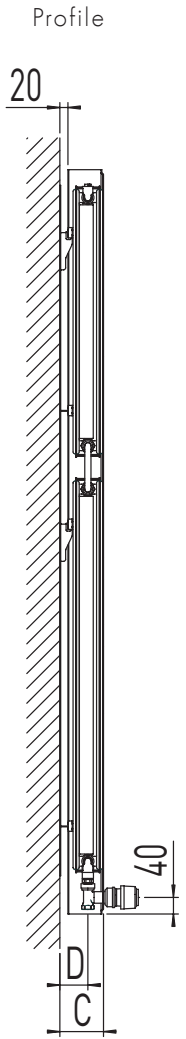


Centre distance N is calculated as: Total length (L)-124 mm

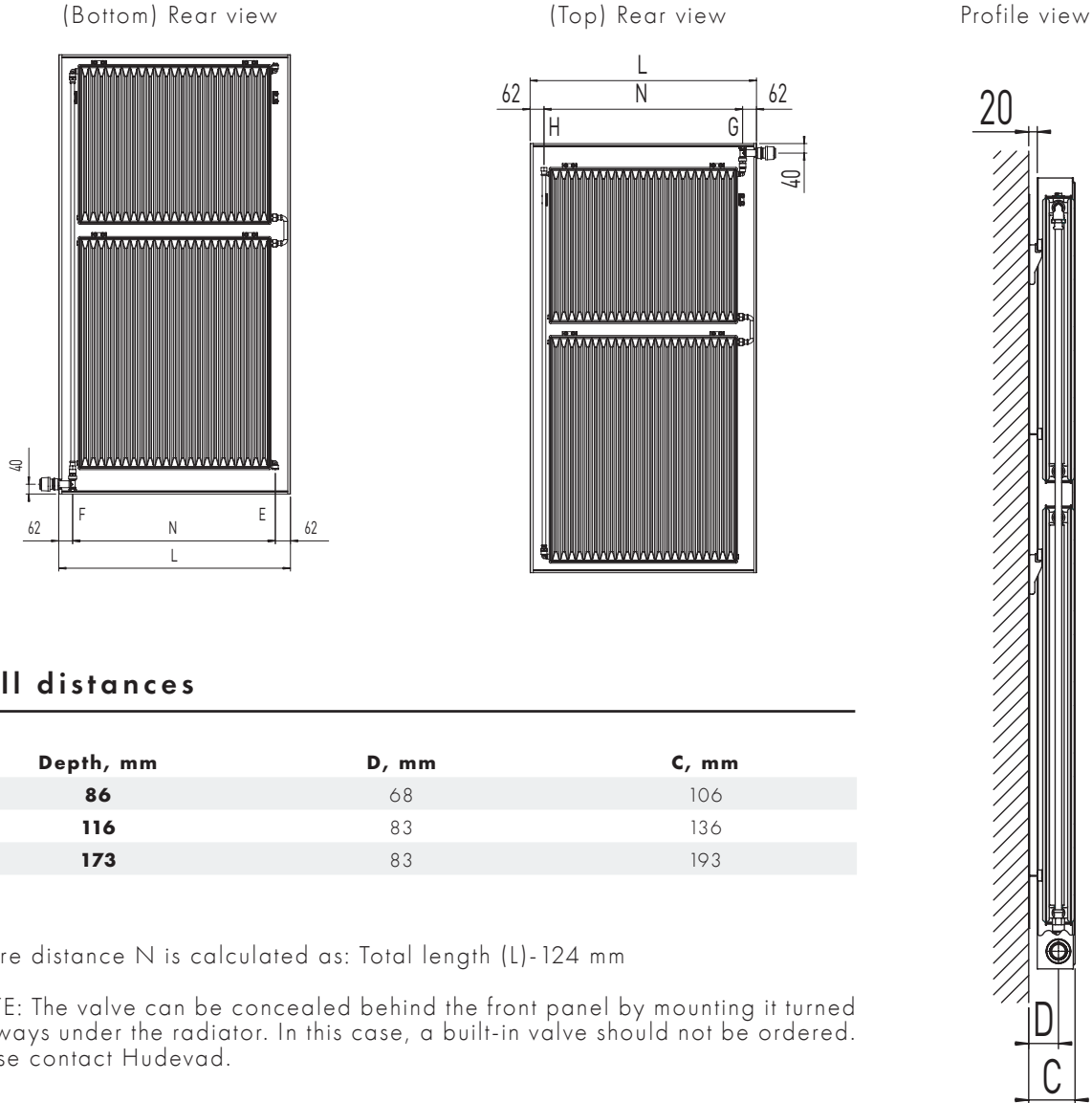
NOTE: The valve can be concealed behind the front panel by mounting it turned sideways under the radiator. In this case, a built-in valve should not be ordered. Please contact Hudevad.

Wall distances

Depth, mm	D, mm	C, mm
86	68	106
116	83	136
173	83	193



Built-in type 3



Wall distances

Depth, mm	D, mm	C, mm
86	68	106
116	83	136
173	83	193

Centre distance N is calculated as: Total length (L)-124 mm

NOTE: The valve can be concealed behind the front panel by mounting it turned sideways under the radiator. In this case, a built-in valve should not be ordered. Please contact Hudevad.

Output

Radiator data Plan XV - length 550

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m 75°/65°/20°C	1402	1739	2520
W/m 55°/45°/20°C	723	898	1300

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1097	1388	2001
1700	1149	1452	2098
1800	1192	1506	2179
1900	1351	1678	2425
2000	1402	1739	2520
2100	1437	1785	2587
2200	1477	1837	2665
2300	1467	1842	2664
2400	1504	1890	2736
2500	1541	1938	2806
2600	1531	1945	2807
2700	1571	1994	2881
2800	1615	2050	2965
2900	1793	2230	3237
3000	1797	2252	3260

Radiator data Plan XV - length 650

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	1752	2174	3150
W/m			
55°/45°/20°C	904	1122	1626

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1372	1735	2501
1700	1436	1815	2623
1800	1491	1882	2724
1900	1689	2097	3032
2000	1752	2174	3150
2100	1796	2231	3234
2200	1847	2296	3331
2300	1833	2302	3330
2400	1880	2363	3420
2500	1926	2423	3507
2600	1913	2431	3509
2700	1963	2493	3601
2800	2019	2562	3706
2900	2241	2788	4046
3000	2246	2814	4075

Radiator data Plan XV - length 750

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2103	2609	3780
W/m			
55°/45°/20°C	1085	1346	1951

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1646	2082	3001
1700	1723	2178	3147
1800	1789	2259	3268
1900	2027	2516	3638
2000	2103	2609	3780
2100	2155	2677	3881
2200	2216	2755	3998
2300	2200	2763	3996
2400	2257	2835	4104
2500	2311	2908	4209
2600	2296	2917	4210
2700	2356	2991	4321
2800	2423	3075	4447
2900	2690	3346	4855
3000	2695	3377	4889

HUDEVAD
shape

Radiator data Plan XV - length 850

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2453	3044	4410
W/m			
55°/45°/20°C	1266	1571	2276

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1920	2428	3501
1700	2010	2540	3672
1800	2087	2635	3813
1900	2365	2936	4244
2000	2453	3044	4410
2100	2515	3123	4527
2200	2585	3215	4664
2300	2567	3223	4661
2400	2633	3308	4788
2500	2696	3392	4910
2600	2679	3403	4912
2700	2748	3490	5042
2800	2827	3587	5188
2900	3138	3903	5664
3000	3144	3940	5704

Radiator data Plan XV - length 950

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2804	3479	5040
W/m			
55°/45°/20°C	1447	1795	2601

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2194	2775	4002
1700	2297	2903	4197
1800	2385	3011	4358
1900	2702	3355	4851
2000	2804	3479	5040
2100	2874	3569	5174
2200	2955	3674	5330
2300	2933	3684	5327
2400	3009	3781	5472
2500	3081	3877	5612
2600	3061	3890	5614
2700	3141	3988	5762
2800	3231	4099	5930
2900	3586	4461	6473
3000	3594	4503	6519

HUDEVAD
shape

Radiator data Plan XV - length 1050

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m 75°/65°/20°C	3154	3913	5670
W/m 55°/45°/20°C	1628	2020	2926

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2469	3122	4502
1700	2585	3266	4721
1800	2683	3388	4903
1900	3040	3774	5457
2000	3154	3913	5670
2100	3233	4015	5821
2200	3324	4133	5997
2300	3300	4144	5993
2400	3385	4253	6156
2500	3466	4362	6313
2600	3444	4376	6315
2700	3534	4487	6482
2800	3635	4612	6671
2900	4035	5018	7282
3000	4043	5066	7334

Radiator data Plan XV - length 1150

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m 75°/65°/20°C	3505	4348	6300
W/m 55°/45°/20°C	1809	2244	3251

Output in watts at a temperature set of 75° / 65° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2743	3469	5002
1700	2872	3629	5246
1800	2981	3764	5447
1900	3378	4194	6063
2000	3505	4348	6300
2100	3592	4461	6468
2200	3693	4592	6663
2300	3667	4604	6659
2400	3761	4726	6841
2500	3851	4846	7015
2600	3827	4862	7017
2700	3926	4986	7202
2800	4039	5124	7412
2900	4483	5576	8092
3000	4492	5629	8149

HUDEVAD
shape

Radiator data Plan XV - length 550

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m 75°/65°/20°C	1402	1739	2520
W/m 55°/45°/20°C	723	898	1300

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1375	1739	2507
1700	1439	1819	2629
1800	1494	1887	2731
1900	1693	2102	3039
2000	1757	2180	3158
2100	1801	2236	3242
2200	1851	2302	3340
2300	1838	2308	3338
2400	1885	2369	3429
2500	1931	2429	3516
2600	1918	2437	3517
2700	1968	2499	3610
2800	2024	2569	3715
2900	2247	2795	4056
3000	2252	2822	4085

Radiator data Plan XV - length 650

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m 75°/65°/20°C	1752	2174	3150
W/m 55°/45°/20°C	904	1122	1626

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	1719	2174	3134
1700	1799	2274	3287
1800	1868	2359	3413
1900	2117	2628	3799
2000	2196	2725	3947
2100	2251	2795	4052
2200	2314	2877	4175
2300	2297	2885	4172
2400	2356	2961	4286
2500	2413	3037	4395
2600	2398	3046	4397
2700	2460	3124	4513
2800	2530	3211	4644
2900	2809	3494	5070
3000	2815	3527	5106

HUDEVAD
shape

Radiator data Plan XV - length 750

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2103	2609	3780
W/m			
55°/45°/20°C	1085	1346	1951

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2063	2608	3761
1700	2159	2729	3944
1800	2241	2830	4096
1900	2540	3153	4559
2000	2635	3269	4737
2100	2701	3354	4863
2200	2777	3453	5010
2300	2757	3462	5007
2400	2828	3553	5143
2500	2896	3644	5274
2600	2877	3656	5276
2700	2952	3749	5415
2800	3037	3853	5573
2900	3371	4192	6084
3000	3378	4232	6127

Radiator data Plan XV - length 850

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2453	3044	4410
W/m			
55°/45°/20°C	1266	1571	2276

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2406	3043	4388
1700	2519	3184	4602
1800	2615	3302	4778
1900	2963	3679	5319
2000	3074	3814	5526
2100	3151	3914	5673
2200	3240	4028	5845
2300	3216	4039	5841
2400	3299	4145	6001
2500	3378	4251	6153
2600	3357	4265	6155
2700	3444	4373	6318
2800	3543	4495	6502
2900	3932	4891	7098
3000	3940	4938	7148

HUDEVAD
shape

Radiator data Plan XV - length 950

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	2804	3479	5040
W/m			
55°/45°/20°C	1447	1795	2601

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	2750	3478	5015
1700	2879	3638	5259
1800	2989	3774	5461
1900	3386	4204	6079
2000	3513	4359	6316
2100	3601	4473	6484
2200	3703	4604	6680
2300	3676	4616	6676
2400	3770	4738	6858
2500	3861	4858	7032
2600	3836	4874	7035
2700	3936	4998	7220
2800	4049	5137	7431
2900	4494	5590	8112
3000	4503	5643	8170

Radiator data Plan XV - length 1050

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	3154	3913	5670
W/m			
55°/45°/20°C	1628	2020	2926

Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	3094	3913	5642
1700	3239	4093	5916
1800	3362	4245	6144
1900	3810	4730	6838
2000	3953	4904	7105
2100	4051	5032	7294
2200	4166	5179	7515
2300	4135	5193	7510
2400	4242	5330	7715
2500	4344	5466	7911
2600	4316	5484	7914
2700	4428	5623	8123
2800	4555	5779	8360
2900	5056	6289	9126
3000	5066	6348	9191

HUDEVAD
shape

Radiator data Plan XV - length 1150

	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
W/m			
75°/65°/20°C	3505	4348	6300
W/m			
55°/45°/20°C	1809	2244	3251

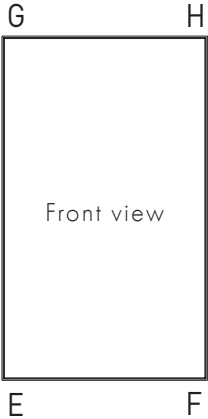
Output in watts at a temperature set of 90° / 70° / 20°

Height	Depth = 86 (type 21)	Depth = 116 (type 22)	Depth = 173 (type 33)
1600	3438	4347	6268
1700	3599	4548	6574
1800	3736	4717	6826
1900	4233	5255	7598
2000	4392	5449	7895
2100	4502	5591	8105
2200	4628	5755	8350
2300	4595	5770	8345
2400	4713	5922	8572
2500	4826	6073	8791
2600	4796	6093	8793
2700	4920	6248	9025
2800	5061	6421	9288
2900	5618	6987	10140
3000	5629	7054	10212

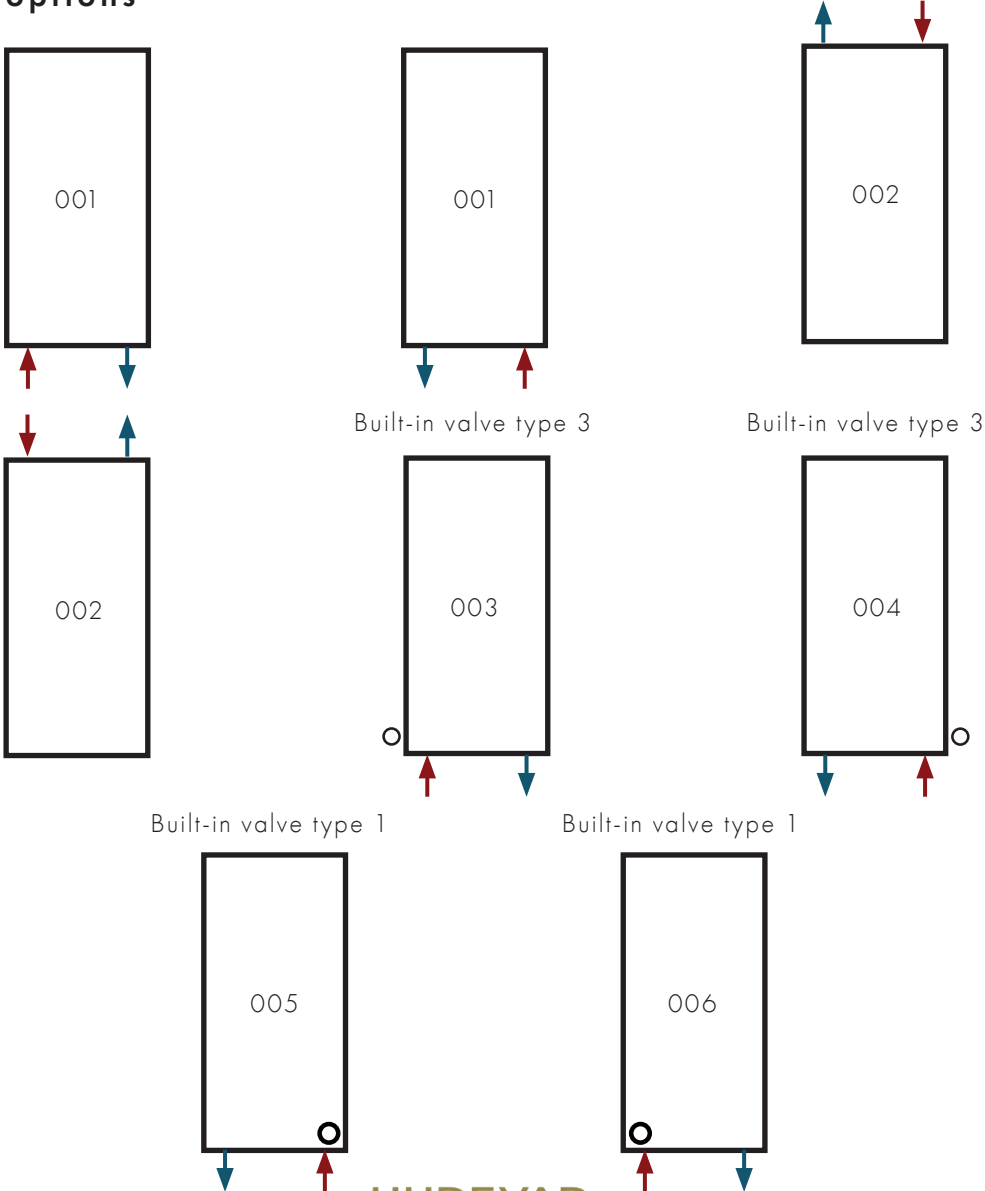
Tappings

Tapping designation

Standard tappings: 1/2" EF



Tapping options



HUDEVAD
shape