Chapter I - panel radiators

Integral **I-2~11**

Plainor **I-12~17**

Compact **I-18~25**

Niva **I-26~29**

Vertical **I-30~31**

packaging

The radiators are protected on 4 sides with cardboard, including corner edge protections.
The radiators are shrink-wrapped.
The radiator should remain inside the packaging until installation, to prevent any damage.
The entire packaging is recyclable.

heat output

Heat outputs were measured according to the EN 442 standard, with a water temperature of 75/65 °C and a room temperature of 20 °C (ΔT=50)

Features	Integral	Plainor	Compact	Vertical
profiled front (profile 50mm)	✓	–	✓	✓
flat front	–	✓	–	–
side covers	✓	✓	✓	✓
top grill	✓	✓	✓	–
assembly points	✓	✓	✓	✓
# of useable connection points	6	6	6	4 / 6
supply and return pipes invisible	✓	✓	–	–
thermostatic valve body included	✓	✓	–	–
hangers	✓	✓	✓	✓
assembly packaging	✓	✓	✓	–
bore template	–	–	–	✓

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panel **radiators**

Integral

Pure aesthetics : the connecting pipe is concealed behind the wall.
This means the supply and return pipes can be hidden in the wall.
Fine side and top cover finishing gives a restrained appearance without visible pipes.

- Accessories included in the packaging and the price: 1 drainage blind stop, 2 or 3 brackets (in function of the length and type of the radiator), screws and plugs.
- Installation : 11 series radiators w/ 4 to 6 welded straps and are RH standard, LH available at additional cost.
  21, 22 & 33 series radiators are reversible w/ 2 to 3 universal wall hangers that make LH or RH installation possible.
- The pipe system for the supply of hot water is integrated on the right side (left on demand) and the Kv-adjustable thermostatic valve body is already integrated as well as a rotating air vent, 2 blind stops and the welded-on hanging strips.
- Connections : 6 × Ø½" (15/21).
- Colors : standard color is RAL 9016.
  Other colors available at an extra cost of $ 250.00 : see CHAPTER VII
- Accessories : see CHAPTER V
- Flat panels are available at an additional cost for Integral series radiators with heights ranging from 300 to 900mm and lengths ranging from 400 to 2000mm. The flat panels can be purchased and installed at a later date after radiator installation. Please refer to the "Flat Panel" price sheet for additional costs and size options.
- **Note:** There is a **15% reduction** in radiator BTU output when **adding a flat panel to an Integral Radiator**, please make sure to consider this when sizing the radiator for the application.

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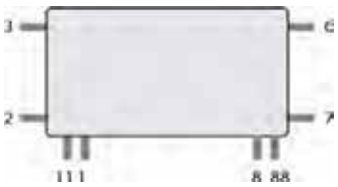
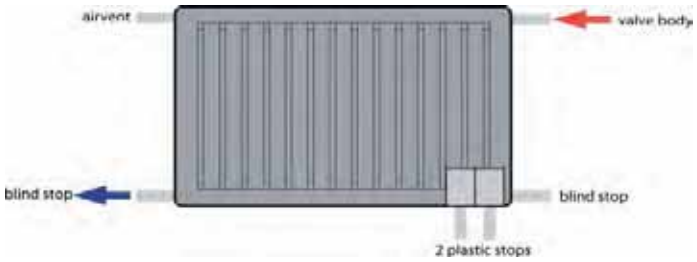
connections



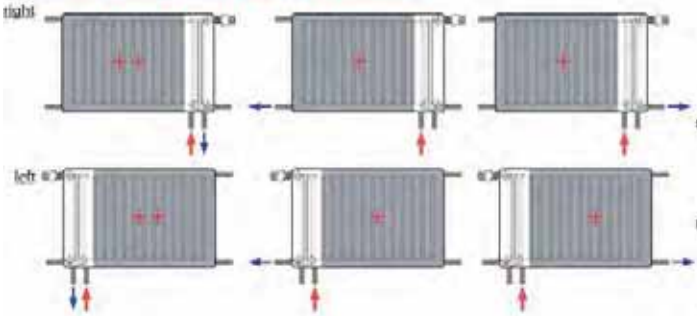
Connection possibilities **WITHOUT** thermostatic valve.
Other connections are not possible.

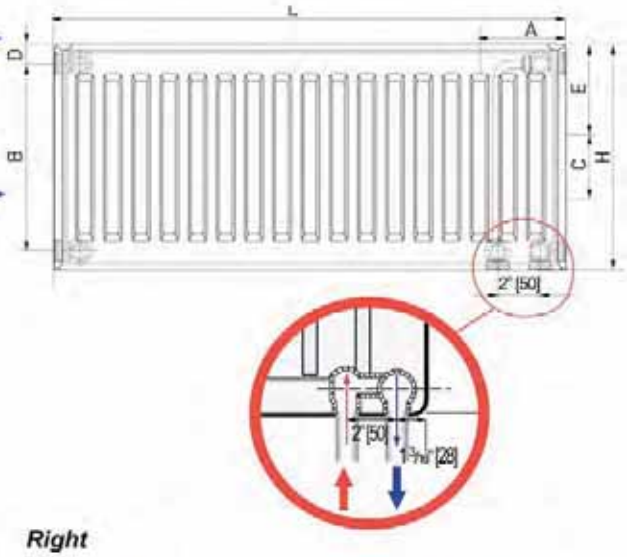
Every Integral radiator can be connected without a thermostatic valve, as 'Compact' radiator.

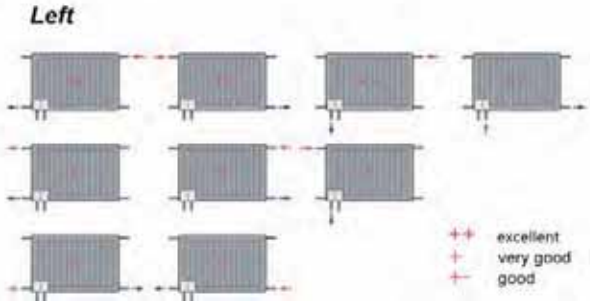


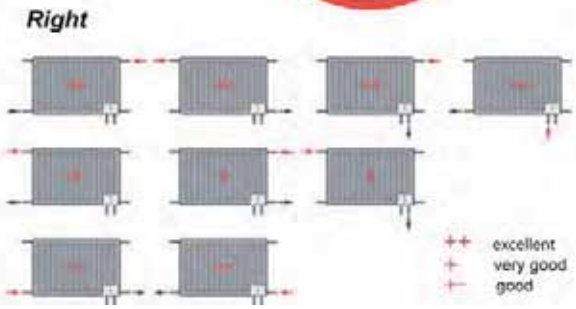
1. Remove valve body.
2. Remove 2 lateral blind stops and fit on the bottom connections instead of the plastic stops.
3. Fit the drainage blind stop supplied on the other side connection.
4. If the connection is where the air vent was, change the side of the air vent.

Connection possibilities WITH thermostatic valve.
Other connections are not possible.









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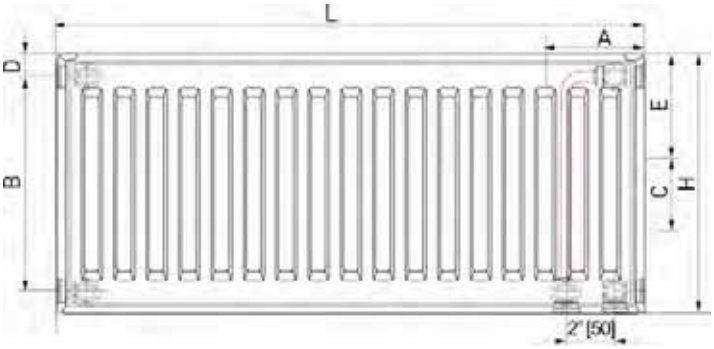
technical specifications

Type	height		B		depth		weight		volume		length: from - to			
	inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	gallon/ft	Ltr./m	inch		mm	
11	11 ¾"	300	9 ¾"	249	2 ⅝"	66	6.18	9.20	0.14	1.70	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	10.28	15.30	0.28	3.50	15 ¾"	70 ⅞"	400	1800
22					4 ⅛"	104	11.55	17.20	0.28	3.50	15 ¾"	70 ⅞"	400	1800
33					6 ¼"	160	17.47	26.00	0.39	4.90	15 ¾"	70 ⅞"	400	1800
11	15 ¾"	400	13 ¾"	349	2 ⅝"	66	8.11	12.00	0.17	2.17	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	13.64	20.30	0.35	4.40	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	15.41	22.98	0.35	4.40	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	23.14	34.43	0.51	6.33	15 ¾"	70 ⅞"	400	1800
11	19 ⅝"	500	17 ⅝"	449	2 ⅝"	66	10.03	14.93	0.21	2.63	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	17.00	12.30	0.45	5.30	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	19.27	28.67	0.43	5.30	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	28.81	42.87	0.63	7.77	15 ¾"	70 ⅞"	400	1800
11	23 ⅝"	600	21 ⅝"	549	2 ⅝"	66	11.96	17.80	0.25	3.10	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	20.36	30.30	0.50	6.20	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	23.12	34.40	0.50	6.20	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	34.47	51.30	0.74	9.20	15 ¾"	70 ⅞"	400	1800
11	27 ½"	700	25 ½"	649	2 ⅝"	66	13.89	20.67	0.29	3.56	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	23.72	35.30	0.57	7.10	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	26.97	40.13	0.57	7.10	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	40.14	59.73	0.86	10.64	15 ¾"	70 ⅞"	400	1800
11	31 ½"	800	29 ½"	749	2 ⅝"	66	15.81	23.53	0.32	4.03	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	27.08	40.30	0.64	8.00	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	30.82	45.87	0.64	8.00	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	45.81	68.17	0.97	12.07	15 ¾"	70 ⅞"	400	1800
11	35 ⅜"	900	33 ⅜"	849	2 ⅝"	66	18.08	26.90	0.35	4.40	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	30.53	45.44	0.71	8.87	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	34.88	51.90	0.73	9.10	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	41.66	62.00	0.87	10.80	15 ¾"	70 ⅞"	400	1800

working pressure: 145 psi = 10 bar
testing pressure: 189 psi = 13 bar
max. working temperature: 248°F = 120 °C

Type	A		E		D	
	inch	mm	inch	mm	inch	mm
11	4 ⅝"	117	4 ¾"	120	1"	26
21	no lugs		4 ¾"	120	1"	26
22			4 ¾"	120	1"	26
33			4 ¾"	120	1"	26



H		C		B	
inch	mm	inch	mm	inch	mm
11 ¾"	300	3 ⅜"	85	9 ¾"	249
15 ¾"	400	7 ¼"	185	13 ¾"	349
19 ⅝"	500	11 ¼"	285	17 ⅝"	449
23 ⅝"	600	15 ⅛"	385	21 ⅝"	549
27 ½"	700	19 ⅛"	485	25 ½"	649
31 ½"	800	23"	585	29 ½"	749
35 ⅜"	900	27"	685	33 ⅜"	849

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Integral - type 11

Order Code: I N T | 1 1 | X X X | Y Y Y Y | Z
Example: I N T | 1 1 | 6 0 0 | 1 2 0 0 | X
radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse

type 11		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.284	1.280
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	946	1201	1437	1662	1845	2074	2303
			Watt ΔT 50°K	209	266	319	369	410	461	512
			US$	**111.45**	**158.90**	**161.50**	**167.00**	**175.35**	**186.30**	**197.25**
500	19 ⅝"		BTU/hr 200/160/68°F	1182	1501	1796	2078	2306	2592	2878
			Watt ΔT 50°K	262	333	398	461	512	576	641
			US$	**119.90**	**167.50**	**170.10**	**181.00**	**187.40**	**200.20**	**213.00**
600	23 ⅝"		BTU/hr 200/160/68°F	1419	1802	2156	2493	2768	3110	3454
			Watt ΔT 50°K	314	399	478	553	615	692	769
			US$	**128.35**	**176.15**	**178.65**	**194.95**	**199.45**	**214.05**	**228.70**
700	27 ½"		BTU/hr 200/160/68°F	1655	2102	2515	2909	3229	3629	4030
			Watt ΔT 50°K	366	466	558	646	717	807	897
			US$	**145.25**	**193.45**	**195.95**	**215.95**	**255.10**	**257.65**	**260.20**
800	31 ½"		BTU/hr 200/160/68°F	1891	2402	2874	3324	3690	4147	4606
			Watt ΔT 50°K	419	532	637	738	820	922	1025
			US$	**153.70**	**202.10**	**204.40**	**223.00**	**269.40**	**272.65**	**275.90**
900	35 ⅜"		BTU/hr 200/160/68°F	2128	2702	3233	3740	4151	4666	5181
			Watt ΔT 50°K	471	599	717	830	922	1037	1153
			US$	**162.15**	**210.75**	**212.85**	**230.15**	**283.70**	**287.65**	**291.65**
1000	39 ⅜"		BTU/hr 200/160/68°F	2364	3003	3593	4156	4613	5184	5757
			Watt ΔT 50°K	523	665	797	922	1025	1153	1281
			US$	**179.05**	**228.05**	**230.60**	**251.10**	**271.90**	**297.55**	**323.15**
1100	43 ¼"		BTU/hr 200/160/68°F	2601	3303	3952	4571	5074	5702	6333
			Watt ΔT 50°K	576	732	876	1014	1127	1268	1409
			US$	**187.50**	**236.70**	**240.15**	**261.65**	**284.00**	**311.40**	**338.85**
1200	47 ¼"		BTU/hr 200/160/68°F	2837	3603	4311	4987	5535	6221	6908
			Watt ΔT 50°K	628	798	956	1107	1230	1383	1537
			US$	**195.95**	**245.35**	**249.75**	**272.20**	**296.05**	**325.30**	**354.60**
1300	51 ⅛"		BTU/hr 200/160/68°F	3074	3903	4671	5402	5996	6739	7484
			Watt ΔT 50°K	680	865	1036	1119	1332	1498	1665
			US$	**212.80**	**262.60**	**267.15**	**293.20**	**339.60**	**362.85**	**386.05**
1400	55 ⅛"		BTU/hr 200/160/68°F	3310	4204	5030	5818	6458	7258	8060
			Watt ΔT 50°K	733	931	1115	1291	1434	1614	1793
			US$	**221.25**	**271.30**	**275.90**	**303.70**	**352.75**	**377.30**	**401.85**
1500	59"		BTU/hr 200/160/68°F	3546	4504	5389	6233	6919	7776	8635
			Watt ΔT 50°K	785	998	1195	1383	1537	1729	1922
			US$	**229.65**	**279.95**	**284.60**	**314.30**	**365.90**	**391.75**	**417.60**
1600	63"		BTU/hr 200/160/68°F	3783	4804	5748	6649	7380	8294	9211
			Watt ΔT 50°K	837	1064	1275	1476	1639	1844	2050
			US$	**246.55**	**297.25**	**302.05**	**335.30**	**392.15**	**420.55**	**449.00**
1700	66 ⅞"		BTU/hr 200/160/68°F	4019	5105	6108	7064	7841	8813	9787
			Watt ΔT 50°K	890	1131	1354	1568	1742	1959	2178
			US$	**255.00**	**305.90**	**310.80**	**345.80**	**405.30**	**435.00**	**464.75**
1800	70 ⅞"		BTU/hr 200/160/68°F	4256	5405	6467	7480	8303	9331	10362
			Watt ΔT 50°K	942	1197	1434	1660	1844	2075	2306
			US$	**263.50**	**314.55**	**319.50**	**356.25**	**418.40**	**449.45**	**480.45**

Type 11: right hand connection is standard - left connection available at additional cost.

Stock in USA for RAL 9016

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Integral - type 21

Order Code: I N T 2 1 X X X Y Y Y Y Z
Example: I N T 2 1 6 0 0 1 2 0 0 X
radiator
type
height
length
Z = L : left conn. • R : right conn. • X: reverse

type 21		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.315	1.314	1.313	1.311	1.310	1.308	1.307
mm	inch									
400	15 ¾"	BTU/hr 200/160/68°F		1382	1748	2093	2420	2640	3041	3195
		Watt ΔT 50°K		305	386	462	535	584	673	707
		US$		**167.35**	**175.20**	**181.95**	**195.05**	**220.30**	**229.35**	**238.40**
500	19 ⅝"	BTU/hr 200/160/68°F		1727	2185	2616	3025	3301	3802	3993
		Watt ΔT 50°K		381	483	578	669	730	841	884
		US$		**179.50**	**188.40**	**195.80**	**211.15**	**237.10**	**247.45**	**257.75**
600	23 ⅝"	BTU/hr 200/160/68°F		2073	2622	3139	3630	3961	4562	4792
		Watt ΔT 50°K		458	579	694	802	876	1009	1060
		US$		**191.70**	**201.60**	**209.60**	**227.25**	**253.90**	**265.45**	**277.05**
700	27 ½"	BTU/hr 200/160/68°F		2418	3059	3662	4235	4621	5322	5591
		Watt ΔT 50°K		534	676	809	936	1022	1177	1237
		US$		**216.10**	**228.00**	**236.70**	**258.95**	**287.55**	**301.55**	**315.60**
800	31 ½"	BTU/hr 200/160/68°F		2764	3496	4185	4841	5281	6083	6389
		Watt ΔT 50°K		610	772	925	1070	1168	1345	1414
		US$		**219.80**	**241.20**	**250.55**	**275.05**	**304.35**	**319.65**	**334.95**
900	35 ⅜"	BTU/hr 200/160/68°F		3109	3933	4708	5446	5941	6843	7188
		Watt ΔT 50°K		687	869	1040	1204	1314	1514	1590
		US$		**223.45**	**243.15**	**264.35**	**291.10**	**321.20**	**337.70**	**354.25**
1000	39 ⅜"	BTU/hr 200/160/68°F		3455	4370	5231	6051	6601	7603	7987
		Watt ΔT 50°K		763	965	1156	1337	1460	1682	1767
		US$		**260.50**	**280.75**	**291.65**	**322.95**	**384.10**	**388.45**	**392.75**
1100	43 ¼"	BTU/hr 200/160/68°F		3800	4807	5755	6656	7261	8364	8786
		Watt ΔT 50°K		839	1062	1272	1471	1606	1850	1944
		US$		**279.05**	**293.95**	**310.20**	**338.95**	**396.00**	**408.35**	**420.70**
1200	47 ¼"	BTU/hr 200/160/68°F		4146	5244	6278	7261	7921	9124	9584
		Watt ΔT 50°K		916	1158	1387	1605	1751	2018	2120
		US$		**297.60**	**307.10**	**328.75**	**354.95**	**407.85**	**428.25**	**448.65**
1300	51 ⅛"	BTU/hr 200/160/68°F		4491	5680	6801	7866	8581	9885	10383
		Watt ΔT 50°K		992	1255	1503	1739	1897	2186	2297
		US$		**313.65**	**333.50**	**355.65**	**396.70**	**439.00**	**463.90**	**488.75**
1400	55 ⅛"	BTU/hr 200/160/68°F		4836	6117	7324	8471	9242	10645	11182
		Watt ΔT 50°K		1068	1351	1618	1872	2043	2354	2474
		US$		**324.85**	**346.70**	**364.70**	**407.80**	**458.80**	**485.05**	**511.35**

Stock in USA for RAL 9016

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Integral - type 21

Order Code: I N T | 2 1 | X X X | Y Y Y Y | Z
Example: I N T | 2 1 | 6 0 0 | 1 2 0 0 | X

radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse

type 21		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.315	1.314	1.313	1.311	1.310	1.308	1.307
mm	inch									
1500	59"		BTU/hr 200/160/68°F	5182	6554	7847	9076	9902	11405	11980
			Watt ΔT 50°K	1144	1448	1734	2006	2189	2523	2651
			US$	**336.05**	**359.95**	**373.80**	**418.95**	**478.50**	**506.25**	**534.00**
1600	63"		BTU/hr 200/160/68°F	5527	6991	8370	9681	10562	12166	12779
			Watt ΔT 50°K	1221	1544	1850	2140	2335	2691	2827
			US$	**362.50**	**386.25**	**409.50**	**462.45**	**513.85**	**544.15**	**574.45**
1700	66 ⅞"		BTU/hr 200/160/68°F	5873	7428	8893	10286	11222	12926	13578
			Watt ΔT 50°K	1297	1641	1965	2274	2481	2859	3004
			US$	**374.70**	**399.45**	**422.95**	**480.25**	**534.15**	**565.90**	**597.70**
1800	70 ⅞"		BTU/hr 200/160/68°F	6218	7865	9417	10891	11882	13686	14376
			Watt ΔT 50°K	1373	1378	2081	2407	2627	3027	3181
			US$	**386.90**	**412.70**	**436.45**	**498.10**	**554.40**	**587.65**	**620.85**
1900	74 ¾"		BTU/hr 200/160/68°F	6564	8302	9940	11496	12542	14447	15175
			Watt ΔT 50°K	1450	1834	2196	2541	2773	3195	3357
			US$	**411.25**	**439.05**	**463.25**	**529.30**	**590.05**	**625.90**	**661.75**
2000	78 ¾"		BTU/hr 200/160/68°F	6909	8739	10463	12101	13202	15207	15974
			Watt ΔT 50°K	1526	1931	2312	2675	2919	3363	3534
			US$	**423.45**	**452.25**	**476.75**	**547.55**	**610.80**	**648.15**	**685.50**
2200	86 ⅝"		BTU/hr 200/160/68°F	7600	9613	11509	13311	14522	16728	17571
			Watt ΔT 50°K	1678	2124	2543	2942	3211	3700	3887
			US$	**460.05**	**491.85**	**517.10**	**597.35**	**667.55**	**709.10**	**750.60**
2400	94 ½"		BTU/hr 200/160/68°F	8291	10487	12555	14522	15843	18248	19168
			Watt ΔT 50°K	1831	2317	2774	3210	3503	4036	4241
			US$	**484.50**	**518.20**	**544.00**	**634.80**	**710.15**	**754.70**	**799.25**
2600	102 ⅜"		BTU/hr 200/160/68°F	8982	11361	13602	15732	17163	19769	20766
			Watt ΔT 50°K	1984	2510	3006	3477	3795	4372	4594
			US$	**521.10**	**557.80**	**584.40**	**685.80**	**768.25**	**817.05**	**865.90**
2800	110 ¼"		BTU/hr 200/160/68°F	9673	12235	14648	16942	18483	21290	22363
			Watt ΔT 50°K	2136	2703	3237	3745	4087	4709	4948
			US$	**557.70**	**597.35**	**624.75**	**737.10**	**826.70**	**879.80**	**932.85**
3000	118 ⅛"		BTU/hr 200/160/68°F	10364	13109	15694	18152	19803	22810	23960
			Watt ΔT 50°K	2289	2896	3468	4012	4379	5045	5301
			US$	**582.10**	**623.80**	**651.70**	**769.25**	**863.35**	**919.15**	**974.85**

Stock in USA for RAL 9016

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Integral - type 22

Order Code: I N T 2 2 X X X Y Y Y Y Z
Example: I N T 2 2 6 0 0 1 2 0 0 X
radiator
type
height
length
Z = L : left conn. • R : right conn. • X: reverse

type 22		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.316	1.319	1.322	1.325	1.328	1.331	1.334
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	1772	2231	2677	3113	3441	3971	4153
			Watt ΔT 50°K	391	492	590	686	758	874	914
			US$	**183.10**	**197.90**	**212.85**	**234.95**	**248.55**	**266.00**	**283.55**
500	19 ⅝"		BTU/hr 200/160/68°F	2215	2788	3346	3892	4301	4969	5191
			Watt ΔT 50°K	489	615	738	858	947	1093	1141
			US$	**188.20**	**221.85**	**230.60**	**256.35**	**272.30**	**293.15**	**313.95**
600	23 ⅝"		BTU/hr 200/160/68°F	2658	3346	4015	4670	5161	5957	6230
			Watt ΔT 50°K	587	738	886	1029	1137	1311	1370
			US$	**193.30**	**228.25**	**248.30**	**277.70**	**296.05**	**320.25**	**344.40**
700	27 ½"		BTU/hr 200/160/68°F	3101	3903	4685	5449	6021	6950	7268
			Watt ΔT 50°K	685	861	1033	1201	1326	1530	1599
			US$	**213.00**	**258.45**	**283.20**	**320.20**	**343.60**	**374.50**	**405.40**
800	31 ½"		BTU/hr 200/160/68°F	3544	4461	5354	6227	6881	7942	8306
			Watt ΔT 50°K	782	984	1181	1372	1516	1748	1827
			US$	**223.10**	**292.20**	**300.85**	**341.55**	**367.30**	**401.55**	**435.80**
900	35 ⅜"		BTU/hr 200/160/68°F	3987	5019	6023	7005	7742	8935	9345
			Watt ΔT 50°K	880	1107	1328	1544	1705	1967	2056
			US$	**233.25**	**308.10**	**318.45**	**362.95**	**391.10**	**428.65**	**466.25**
1000	39 ⅜"		BTU/hr 200/160/68°F	4430	5576	6692	7784	8602	9928	10383
			Watt ΔT 50°K	978	1230	1476	1715	1895	2185	2284
			US$	**272.20**	**319.20**	**353.90**	**405.60**	**438.65**	**482.95**	**527.20**
1100	43 ¼"		BTU/hr 200/160/68°F	4873	6134	7362	8562	9462	10921	11421
			Watt ΔT 50°K	1076	1353	1623	1887	2084	2404	2512
			US$	**283.90**	**355.80**	**365.15**	**426.90**	**462.40**	**510.05**	**557.65**
1200	47 ¼"		BTU/hr 200/160/68°F	5316	6692	8031	9340	10322	11914	12460
			Watt ΔT 50°K	1174	1477	1771	2058	2273	2622	2741
			US$	**295.60**	**371.70**	**376.45**	**448.20**	**486.10**	**537.10**	**588.15**
1300	51 ⅛"		BTU/hr 200/160/68°F	5759	7249	8700	10119	11182	12906	13498
			Watt ΔT 50°K	1272	1600	1919	2230	2463	2841	2969
			US$	**319.00**	**403.50**	**408.75**	**446.60**	**533.60**	**591.35**	**649.05**
1400	55 ⅛"		BTU/hr 200/160/68°F	6202	7807	9369	10897	12042	13899	14536
			Watt ΔT 50°K	1369	1723	2066	2402	2652	3059	3198
			US$	**330.65**	**419.35**	**424.85**	**490.10**	**557.40**	**618.45**	**679.45**

Stock in USA for RAL 9016

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Integral - type 22

Order Code: I N T 2 2 X X X Y Y Y Y Z
Example: I N T 2 2 6 0 0 1 2 0 0 X
radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse

type 22		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.316	1.319	1.322	1.325	1.328	1.331	1.334
mm	inch									
1500	59"	BTU/hr 200/160/68°F		6645	8364	10039	11676	12903	14892	15574
		Watt ΔT 50°K		1467	1846	2214	2573	2842	3278	3426
		US$		**342.35**	**435.20**	**440.95**	**533.55**	**581.15**	**645.55**	**709.90**
1600	63"	BTU/hr 200/160/68°F		7088	8922	10708	12454	13763	15885	16613
		Watt ΔT 50°K		1565	1969	2361	2745	3031	3496	3654
		US$		**424.20**	**467.05**	**473.25**	**521.35**	**628.70**	**699.80**	**770.90**
1700	66 ⅞"	BTU/hr 200/160/68°F		7531	9480	11377	13232	14623	16878	17651
		Watt ΔT 50°K		1663	2092	2509	2916	3221	3715	3883
		US$		**437.95**	**482.95**	**494.40**	**570.10**	**659.20**	**734.40**	**809.65**
1800	70 ⅞"	BTU/hr 200/160/68°F		7974	10037	12046	14011	15483	17870	18689
		Watt ΔT 50°K		1761	2215	2657	3088	3410	3933	4111
		US$		**451.70**	**498.80**	**515.60**	**618.80**	**689.75**	**769.05**	**848.40**
1900	74 ¾"	BTU/hr 200/160/68°F		8417	10595	12716	14789	16343	18863	19728
		Watt ΔT 50°K		1858	2338	2804	3259	3600	4152	4340
		US$		**479.05**	**530.65**	**548.45**	**608.05**	**738.25**	**824.40**	**910.55**
2000	78 ¾"	BTU/hr 200/160/68°F		8860	11153	13385	15567	17203	19856	20766
		Watt ΔT 50°K		1956	2461	2952	3431	3789	4371	4568
		US$		**492.80**	**546.50**	**567.70**	**630.30**	**766.30**	**856.35**	**946.40**
2200	86 ⅝"	BTU/hr 200/160/68°F		9746	12268	14723	17124	18924	21842	22843
		Watt ΔT 50°K		2152	2707	3247	3774	4169	4808	5025
		US$		**533.95**	**594.15**	**620.30**	**691.05**	**843.35**	**944.10**	**1,044.95**
2400	94 ½"	BTU/hr 200/160/68°F		10632	13383	16062	18681	20644	23827	24919
		Watt ΔT 50°K		2347	2953	3542	4117	4547	5245	5482
		US$		**561.30**	**625.95**	**659.85**	**736.70**	**900.90**	**1,009.70**	**1,118.45**
2600	102 ⅜"	BTU/hr 200/160/68°F		11517	14498	17400	20238	22364	25813	26996
		Watt ΔT 50°K		2543	3199	3837	4460	4926	5682	5938
		US$		**602.45**	**673.60**	**713.65**	**798.90**	**979.85**	**1,099.70**	**1,219.50**
2800	110 ¼"	BTU/hr 200/160/68°F		12403	15614	18739	21794	24085	27798	29072
		Watt ΔT 50°K		2739	3445	4132	4803	5305	6119	6395
		US$		**643.55**	**721.30**	**767.80**	**861.50**	**1,059.30**	**1,190.20**	**1,321.15**
3000	118 ⅛"	BTU/hr 200/160/68°F		13289	16729	20077	23351	25805	29784	31149
		Watt ΔT 50°K		2934	3691	4428	5146	5684	6556	6852
		US$		**670.95**	**753.05**	**801.60**	**900.80**	**1,109.20**	**1,247.15**	**1,385.10**

Stock in USA for RAL 9016

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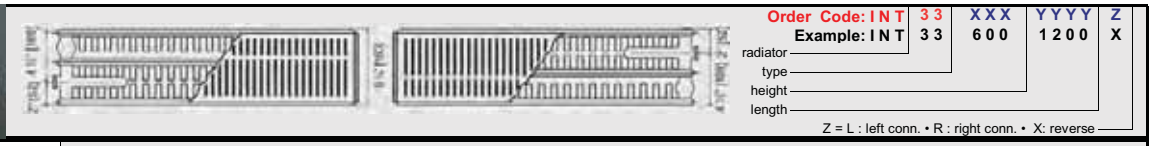
Integral - type 33



type 33		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.314	1.316	1.318	1.321	1.323	1.325	1.327
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	2508	3160	3790	4405	4713	5602	5978
			Watt ΔT 50°K	554	698	836	972	1039	1235	1317
			US$	**251.80**	**261.35**	**269.50**	**323.70**	**330.30**	**359.10**	**387.85**
500	19 ⅝"		BTU/hr 200/160/68°F	3135	3950	4737	5507	5892	7003	7472
			Watt ΔT 50°K	693	872	1046	1215	1299	1543	1646
			US$	**276.30**	**283.95**	**304.40**	**348.90**	**364.60**	**398.50**	**432.40**
600	23 ⅝"		BTU/hr 200/160/68°F	3762	4740	5685	6608	7070	8403	8967
			Watt ΔT 50°K	831	1047	1255	158	1559	1852	1975
			US$	**300.85**	**306.55**	**339.30**	**374.05**	**398.90**	**437.95**	**476.95**
700	27 ½"		BTU/hr 200/160/68°F	4389	5530	6632	7709	8248	9804	10461
			Watt ΔT 50°K	970	1221	1464	1701	1819	2161	2304
			US$	**339.20**	**350.60**	**378.90**	**425.10**	**467.45**	**516.80**	**566.05**
800	31 ½"		BTU/hr 200/160/68°F	5016	6321	7580	8811	9427	11204	11955
			Watt ΔT 50°K	1108	1396	1673	1944	2079	2469	2634
			US$	**358.35**	**372.60**	**406.30**	**465.90**	**501.70**	**556.15**	**610.65**
900	35 ⅜"		BTU/hr 200/160/68°F	5643	7111	8527	9912	10605	12605	13450
			Watt ΔT 50°K	1247	1570	1882	2187	2388	2778	2963
			US$	**377.50**	**394.55**	**433.65**	**506.65**	**536.00**	**595.55**	**655.20**
1000	39 ⅜"		BTU/hr 200/160/68°F	6270	7901	9475	11013	11783	14005	14944
			Watt ΔT 50°K	1385	1744	2091	2429	2598	3087	3292
			US$	**415.90**	**438.50**	**488.40**	**572.80**	**604.55**	**674.45**	**744.35**
1100	43 ¼"		BTU/hr 200/160/68°F	6897	8691	10422	12115	12962	15406	16439
			Watt ΔT 50°K	1524	1919	2300	2672	2858	3395	3621
			US$	**458.95**	**485.95**	**514.85**	**605.85**	**638.85**	**713.85**	**788.90**
1200	47 ¼"		BTU/hr 200/160/68°F	7524	9481	11370	13216	14140	16806	17933
			Watt ΔT 50°K	1662	2093	2509	2915	3118	3704	3950
			US$	**502.00**	**533.30**	**541.40**	**639.00**	**673.10**	**753.25**	**833.45**
1300	51 ⅛"		BTU/hr 200/160/68°F	8151	10271	12317	14317	15318	18207	19428
			Watt ΔT 50°K	1801	2268	2718	3158	3378	4013	4280
			US$	**544.35**	**581.85**	**591.40**	**661.30**	**830.30**	**876.40**	**922.55**
1400	55 ⅛"		BTU/hr 200/160/68°F	8779	11061	13265	15419	16497	19607	20922
			Watt ΔT 50°K	1939	2442	2927	3401	3637	4321	4609
			US$	**565.55**	**606.20**	**616.40**	**716.40**	**870.45**	**918.80**	**967.10**
1500	59"		BTU/hr 200/160/68°F	9405	11851	14212	16520	17675	21008	22417
			Watt ΔT 50°K	2075	2617	3137	3644	3897	4630	4938
			US$	**586.75**	**630.50**	**641.40**	**771.45**	**910.55**	**961.10**	**1,011.65**
1600	63"		BTU/hr 200/160/68°F	10032	12641	15160	17621	18853	22408	23911
			Watt ΔT 50°K	2216	2791	3346	3887	4157	4939	5267
			US$	**629.60**	**679.15**	**691.40**	**779.45**	**990.75**	**1,045.75**	**1,100.80**
1700	66 ⅞"		BTU/hr 200/160/68°F	10659	13431	16107	18723	20032	23809	25405
			Watt ΔT 50°K	2355	2966	3555	4130	4417	5247	5596
			US$	**657.25**	**710.70**	**723.85**	**841.65**	**1,030.85**	**1,088.05**	**1,145.35**
1800	70 ⅞"		BTU/hr 200/160/68°F	11286	14221	17054	19824	21210	25209	26900
			Watt ΔT 50°K	2493	3140	3764	4373	4677	5556	5926
			US$	**684.85**	**742.25**	**756.25**	**903.85**	**1,070.90**	**1,130.40**	**1,189.90**

Stock in USA for RAL 9016

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Plainor

The Plainor has a flat front. With this unique water conducting front panel the Plainor combines elegance with comfortable heat. The Plainor is provided with neatly finished top and side panels, with connecting pipes concealed behind.

- Accessories included in the packaging and the price :
  brackets, Kv-adjustable thermostatic valve body,
  1 rotating air vent, 3 chromed blind stops, screws and plugs.
- The pipe system is integrated on the right side
  (left on demand and with an extra cost).
- Installation : 11 series radiators w/ 4 to 6 welded straps and are RH connection standard, LH available at additional cost.
  21, 22 & 33 series radiators are mounted w/ 2 to 3 universal wall hangers. Available in RH or LH connection, same price but must be noted at time of order.
- Connections : 6 × Ø½" (15/21).
- Colors : standard color is RAL 9016.
  Other colors available at an extra cost of $ 250.00 : see CHAPTER VII
- Accessories : see CHAPTER V

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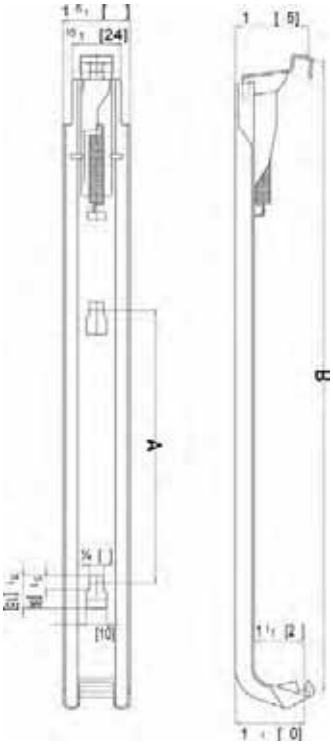
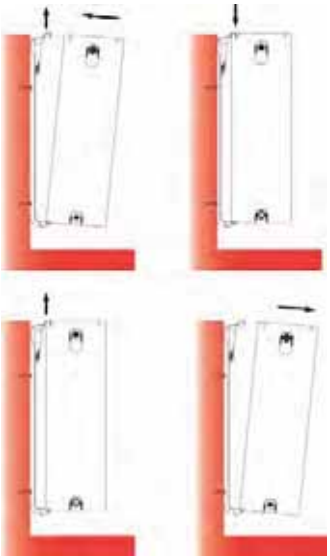
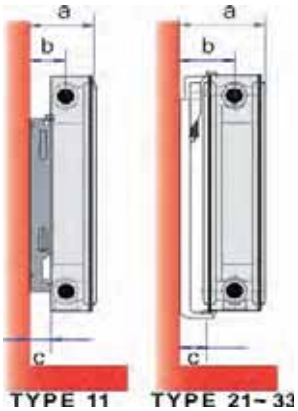
Integral

Installation specifications

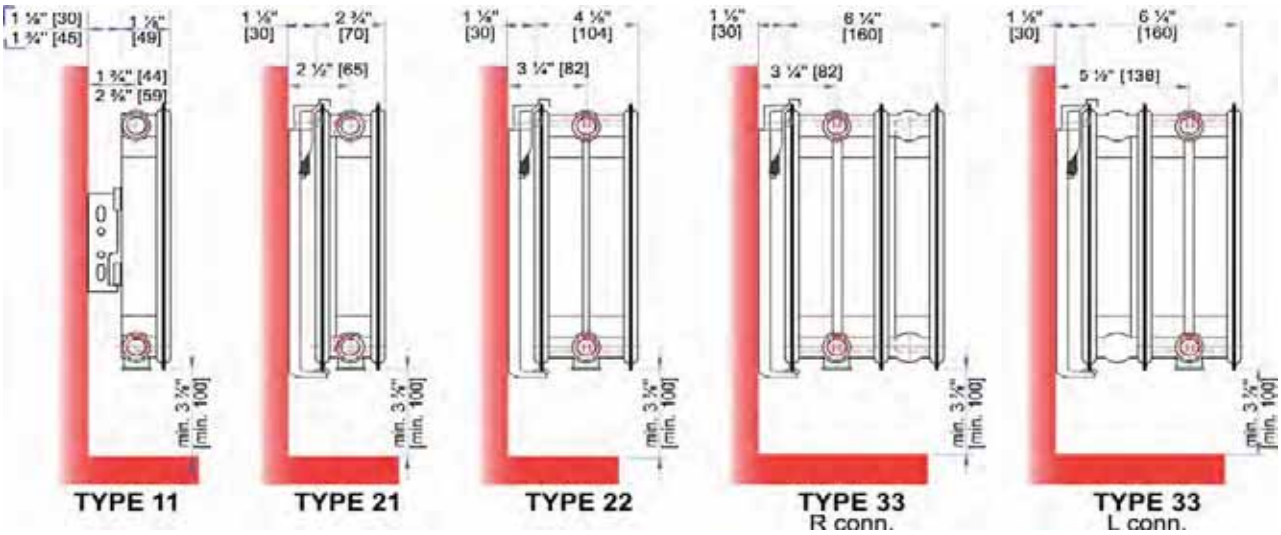


bracket type "monclac"					
height		a		b	
inch	mm	inch	mm	inch	mm
11 ¾"	300	4 ⅞"	125	11 ¾"	298
15 ¾"	400	8 ⅞"	225	15 ⅝"	398
19 ⅝"	500	12 ¾"	325	19 ⅝"	498
23 ⅝"	600	16 ¾"	425	23 ½"	598
27 ½"	700	20 ⅝"	525	27 ½"	698
31 ½"	800	24 ⅝"	625	31 ⅜"	798
35 ⅜"	900	28 ½"	725	35 ⅜"	898





Type	a		b		c	
	inch	mm	inch	mm	inch	mm
11 narrow assembly	3 ⅛"	79	1 ¾"	44	1 ⅛"	30
11 wide assembly	3 ¾"	94	2 ⅜"	59	1 ¾"	45
21	3 ⅞"	100	2 ½"	65	1 ⅛"	30
22	5 ¼"	134	3 ¼"	82	1 ⅛"	30
33 right connection	7 ½"	190	3 ¼"	82	1 ⅛"	30
33 left connection	7 ½"	190	5 ½"	138	1 ⅛"	30



type 11: right hand connection is standard - left is available for additional charge

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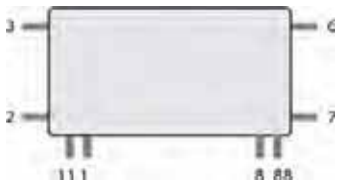
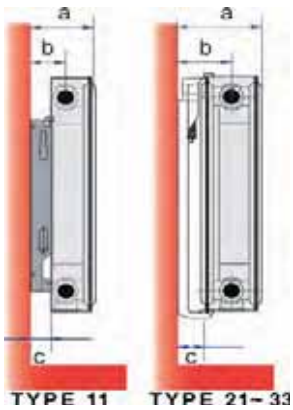
phone 413.543.8733 fax 413.543.8737
email: info@hydronicalternatives.com

Plainor

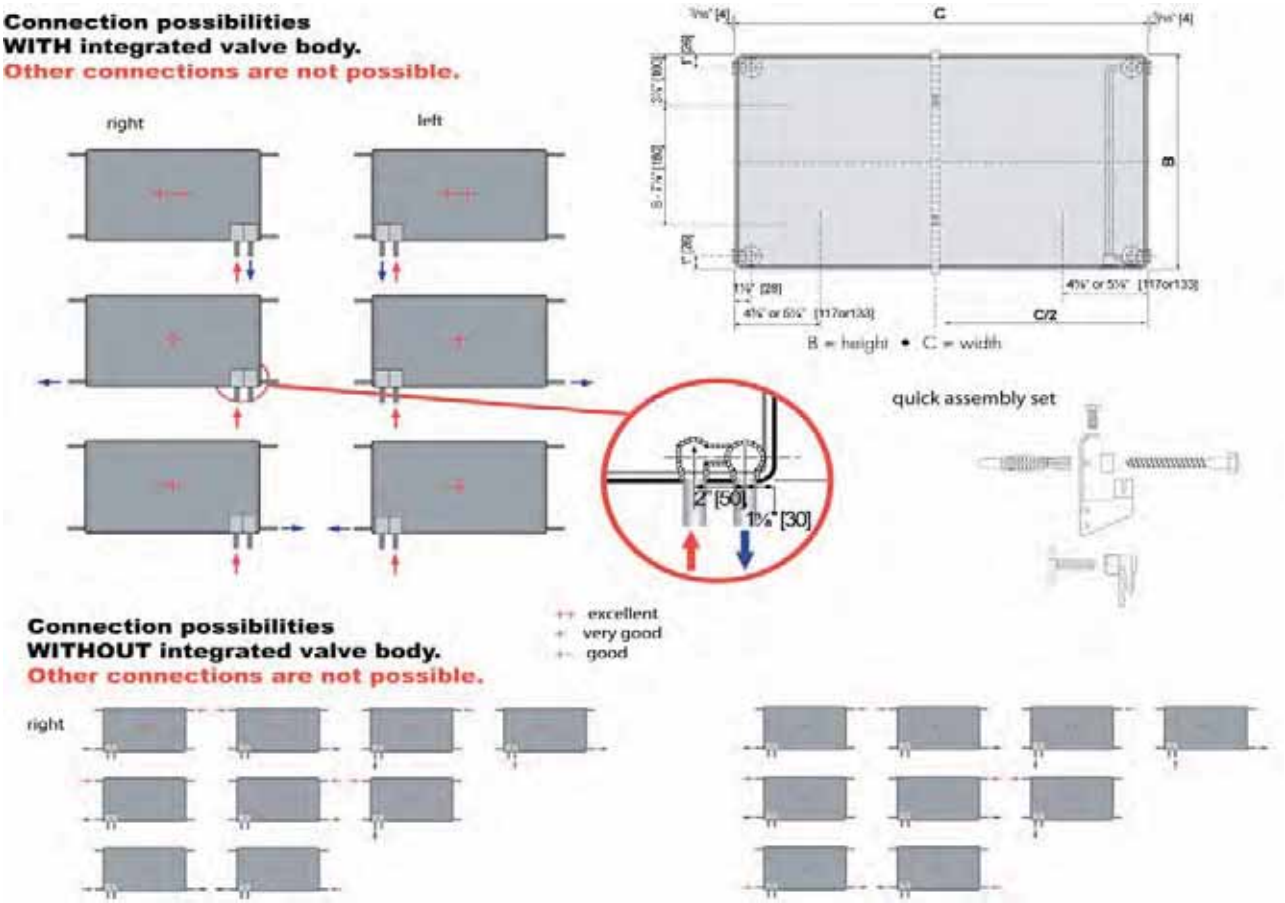
Height mm / inch	400 / 15 ¾"	500 / 19 ⅝"	600 / 23 ⅝"
Type			
volume: gal / ft			
11	1.21	1.47	1.73
21	3.21	3.73	4.42
22	3.21	3.73	4.42
volume: L / m			
11	1.4	1.7	2.0
21	3.7	4.3	5.1
22	3.7	4.3	5.1
weight: lb / ft			
11	10.82	13.17	15.86
21	15.39	19.62	23.52
22	16.73	21.44	25.80
weight: kg / m			
11	16.1	19.6	23.6
21	22.9	29.2	35.0
22	24.9	31.9	38.4





type	a inch	a mm	b inch	b mm
11	3 ¾"	95	2 ½"	62
21	4 ⅛"	106	2 ⅝"	66
22	5 ⅝"	142	3 ½"	89

connections



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Plainor - type 11

Order Code:	P L A	1 1	X X X	Y Y Y Y	Z
Example:	P L A	1 1	6 0 0	1 2 0 0	X
	radiator	type	height	length	

Z = L : left conn. • R : right conn. • X: reverse

type 11		height	mm	300	400	500	600	700	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.280
mm	inch								
400	15 ¾"		BTU/hr 200/160/68°F	842	1069	1279	1479	1642	2050
			Watt ΔT 50°K	186	237	284	328	365	456
			US$	**156.00**	**208.50**	**216.05**	**227.80**	**240.80**	**274.10**
500	19 ⅝"		BTU/hr 200/160/68°F	1052	1336	1598	1849	2052	2561
			Watt ΔT 50°K	233	296	354	410	456	570
			US$	**169.55**	**223.50**	**231.80**	**250.40**	**262.60**	**301.85**
600	23 ⅝"		BTU/hr 200/160/68°F	1263	1604	1919	2219	2464	3074
			Watt ΔT 50°K	279	355	425	492	547	684
			US$	**182.25**	**237.30**	**247.25**	**272.05**	**284.55**	**328.50**
700	27 ½"		BTU/hr 200/160/68°F	1473	1871	2238	2589	2874	3587
			Watt ΔT 50°K	326	415	497	575	638	798
			US$	**205.65**	**262.40**	**273.20**	**302.95**	**352.65**	**373.60**
800	31 ½"		BTU/hr 200/160/68°F	1683	2138	2558	2958	3284	4099
			Watt ΔT 50°K	373	473	567	657	730	912
			US$	**220.65**	**278.90**	**290.75**	**319.90**	**379.85**	**402.95**
900	35 ⅜"		BTU/hr 200/160/68°F	1894	2405	2877	3329	3694	4611
			Watt ΔT 50°K	419	533	638	739	821	1026
			US$	**233.35**	**293.15**	**306.10**	**334.20**	**404.90**	**429.80**
1000	39 ⅜"		BTU/hr 200/160/68°F	2104	2673	3198	3699	4106	5124
			Watt ΔT 50°K	465	592	709	821	912	1140
			US$	**254.95**	**316.05**	**330.75**	**364.30**	**404.75**	**466.00**
1100	43 ¼"		BTU/hr 200/160/68°F	2315	2940	3517	4068	4516	5636
			Watt ΔT 50°K	513	651	780	902	1003	1254
			US$	**269.10**	**332.10**	**348.55**	**384.40**	**429.85**	**501.75**
1200	47 ¼"		BTU/hr 200/160/68°F	2525	3207	3837	4438	4926	6148
			Watt ΔT 50°K	559	710	851	985	1095	1368
			US$	**283.65**	**347.75**	**366.45**	**404.50**	**454.90**	**530.35**
1300	51 ⅛"		BTU/hr 200/160/68°F	2736	3474	4157	4808	5336	6661
			Watt ΔT 50°K	605	770	922	1067	1185	1482
			US$	**306.10**	**372.35**	**392.05**	**435.40**	**510.00**	**575.00**
1400	55 ⅛"		BTU/hr 200/160/68°F	2946	3742	4477	5178	5748	7173
			Watt ΔT 50°K	652	829	992	1149	1276	1596
			US$	**319.65**	**386.55**	**408.05**	**453.50**	**536.10**	**602.20**
1500	59"		BTU/hr 200/160/68°F	3156	4009	4796	5547	6158	7685
			Watt ΔT 50°K	699	888	1064	1231	1368	1711
			US$	**334.10**	**402.65**	**424.10**	**474.10**	**562.20**	**631.65**
1600	63"		BTU/hr 200/160/68°F	3367	4276	5116	5918	6568	8198
			Watt ΔT 50°K	745	947	1135	1314	1459	1825
			US$	**356.75**	**426.95**	**450.75**	**503.70**	**601.90**	**675.00**
1700	66 ⅞"		BTU/hr 200/160/68°F	3577	4543	5436	6287	6978	8710
			Watt ΔT 50°K	792	1007	1205	1396	1550	1938
			US$	**369.85**	**441.60**	**466.80**	**524.60**	**626.70**	**703.55**
1800	70 ⅞"		BTU/hr 200/160/68°F	3788	4810	5756	6657	7390	9222
			Watt ΔT 50°K	838	1065	1276	1477	1641	2052
			US$	**383.50**	**456.75**	**482.85**	**541.85**	**650.95**	**730.70**

Type 11: right hand connection is standard - left connection is optional

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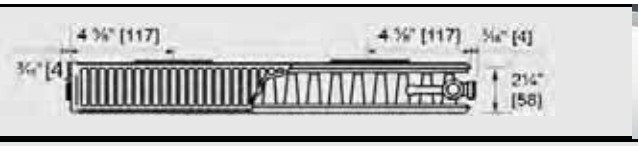
Plainor - type 21

Order Code: P L A | 2 1 | X X X | Y Y Y Y | Z
Example: P L A | 2 1 | 6 0 0 | 1 2 0 0 | X
radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse



type21		height	mm	300	400	500	600	700	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.280
mm	inch								
400	15 ¾"	BTU/hr 200/160/68°F		1230	1556	1863	2154	2350	2844
		Watt ΔT 50°K		271	344	411	476	520	629
		US$		**211.90**	**224.80**	**236.50**	**255.85**	**285.75**	**315.25**
500	19 ⅝"	BTU/hr 200/160/68°F		1537	1945	2328	2692	2938	3554
		Watt ΔT 50°K		339	430	514	595	650	787
		US$		**229.15**	**244.40**	**257.50**	**280.55**	**312.30**	**346.60**
600	23 ⅝"	BTU/hr 200/160/68°F		1845	2334	2794	3231	3525	4265
		Watt ΔT 50°K		408	515	618	714	780	943
		US$		**245.60**	**262.75**	**278.20**	**304.35**	**339.00**	**376.85**
700	27 ½"	BTU/hr 200/160/68°F		2152	2723	3259	3769	4113	4976
		Watt ΔT 50°K		475	602	720	833	910	1101
		US$		**276.50**	**296.95**	**313.95**	**345.95**	**385.10**	**429.00**
800	31 ½"	BTU/hr 200/160/68°F		2460	3111	3725	4308	4700	5686
		Watt ΔT 50°K		543	687	823	952	1040	1258
		US$		**286.75**	**318.00**	**336.90**	**371.95**	**414.80**	**462.00**
900	35 ⅜"	BTU/hr 200/160/68°F		2767	3500	4190	4847	5287	6397
		Watt ΔT 50°K		611	773	926	1072	1169	1415
		US$		**294.65**	**325.55**	**357.60**	**395.15**	**442.40**	**492.40**
1000	39 ⅜"	BTU/hr 200/160/68°F		3075	3889	4656	5385	5875	7108
		Watt ΔT 50°K		679	859	1029	1190	1299	1573
		US$		**336.40**	**368.75**	**391.80**	**436.15**	**516.95**	**535.60**
1100	43 ¼"	BTU/hr 200/160/68°F		3382	4278	5122	5924	6462	7820
		Watt ΔT 50°K		747	945	1132	1309	1429	1730
		US$		**360.65**	**389.35**	**418.60**	**461.70**	**541.85**	**583.60**
1200	47 ¼"	BTU/hr 200/160/68°F		3690	4667	5587	6462	7050	8530
		Watt ΔT 50°K		815	1031	1234	1428	1558	1887
		US$		**385.30**	**409.50**	**445.45**	**487.25**	**566.70**	**624.40**
1300	51 ⅛"	BTU/hr 200/160/68°F		3997	5055	6053	7001	7637	9241
		Watt ΔT 50°K		883	1117	1338	1548	1688	2044
		US$		**406.95**	**443.25**	**480.55**	**538.90**	**609.40**	**677.70**
1400	55 ⅛"	BTU/hr 200/160/68°F		4304	5444	6518	7539	8225	9952
		Watt ΔT 50°K		951	1202	1440	1666	1818	2202
		US$		**423.25**	**461.95**	**496.85**	**557.60**	**642.15**	**711.70**
1500	59"	BTU/hr 200/160/68°F		4612	5833	6984	8078	8813	10662
		Watt ΔT 50°K		1018	1289	1543	1785	1948	2359
		US$		**440.55**	**482.65**	**513.30**	**578.75**	**674.80**	**748.05**
1600	63"	BTU/hr 200/160/68°F		4919	6222	7449	8616	9400	11373
		Watt ΔT 50°K		1087	1374	1647	1905	2078	2516
		US$		**472.70**	**515.95**	**558.20**	**630.85**	**723.60**	**800.45**
1700	66 ⅞"	BTU/hr 200/160/68°F		5227	6611	7915	9155	9988	12084
		Watt ΔT 50°K		1154	1460	1749	2024	2208	2674
		US$		**489.55**	**535.15**	**578.95**	**659.05**	**755.55**	**836.50**
1800	70 ⅞"	BTU/hr 200/160/68°F		5534	7000	8381	9693	10575	12795
		Watt ΔT 50°K		1222	1547	1852	2142	2338	2831
		US$		**506.90**	**554.90**	**599.80**	**683.70**	**786.95**	**871.10**
1900	74 ¾"	BTU/hr 200/160/68°F		5842	7389	8847	10231	11162	13506
		Watt ΔT 50°K		1291	1632	1954	2261	2468	2988
		US$		**537.40**	**588.65**	**635.30**	**727.10**	**835.10**	**925.75**
2000	78 ¾"	BTU/hr 200/160/68°F		6149	7778	9312	10770	11750	14217
		Watt ΔT 50°K		1358	1719	2058	2381	2598	3145
		US$		**555.70**	**608.85**	**657.10**	**752.65**	**868.00**	**962.30**

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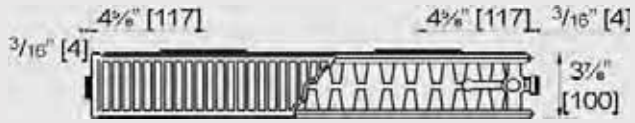
Plainor - type 22



Order Code:	P L A	2 2	X X X	Y Y Y Y	Z
Example:	P L A	2 2	6 0 0	1 2 0 0	X
	radiator	type	height	length	

Z = L : left conn. • R : right conn. • X: reverse

type 22		height	mm	300	400	500	600	700	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.280
mm	inch								
400	15 ¾"	BTU/hr 200/160/68°F		1577	1986	2383	2771	3062	3696
		Watt ΔT 50°K		348	438	525	611	675	813
		US$		**227.65**	**247.50**	**267.40**	**295.75**	**314.00**	**360.40**
500	19 ⅝"	BTU/hr 200/160/68°F		1971	2481	2978	3464	3828	4620
		Watt ΔT 50°K		435	547	657	764	843	1016
		US$		**237.85**	**277.85**	**292.30**	**325.75**	**347.50**	**402.80**
600	23 ⅝"	BTU/hr 200/160/68°F		2366	2978	3573	4156	4593	5545
		Watt ΔT 50°K		522	657	789	916	1012	1219
		US$		**247.20**	**289.40**	**316.90**	**354.80**	**381.15**	**444.20**
700	27 ½"	BTU/hr 200/160/68°F		2760	3474	4170	4850	5359	6469
		Watt ΔT 50°K		610	766	919	1069	1180	1423
		US$		**273.40**	**327.40**	**360.45**	**407.20**	**441.15**	**518.80**
800	31 ½"	BTU/hr 200/160/68°F		3154	3970	4765	5542	6124	7392
		Watt ΔT 50°K		696	876	1051	1221	1349	1626
		US$		**290.05**	**369.00**	**387.20**	**438.45**	**477.75**	**562.85**
900	35 ⅜"	BTU/hr 200/160/68°F		3548	4467	5360	6234	6890	8317
		Watt ΔT 50°K		783	985	1182	1374	1517	1830
		US$		**304.45**	**390.50**	**411.70**	**467.00**	**512.30**	**604.40**
1000	39 ⅜"	BTU/hr 200/160/68°F		3943	4963	5956	6928	7656	9241
		Watt ΔT 50°K		870	1095	1314	1526	1687	2033
		US$		**348.10**	**407.20**	**454.05**	**518.80**	**571.50**	**670.05**
1100	43 ¼"	BTU/hr 200/160/68°F		4337	5459	6552	7620	8421	10165
		Watt ΔT 50°K		958	1204	1444	1679	1855	2236
		US$		**365.50**	**451.20**	**473.55**	**549.65**	**608.25**	**720.55**
1200	47 ¼"	BTU/hr 200/160/68°F		4731	5956	7148	8313	9187	11089
		Watt ΔT 50°K		1045	1315	1576	1832	2023	2439
		US$		**383.30**	**474.10**	**493.15**	**580.50**	**644.95**	**763.90**
1300	51 ⅛"	BTU/hr 200/160/68°F		5126	6452	7743	9006	9952	12013
		Watt ΔT 50°K		1132	1424	1708	1985	2192	2642
		US$		**412.30**	**513.25**	**533.65**	**588.80**	**704.00**	**838.00**
1400	55 ⅛"	BTU/hr 200/160/68°F		5520	6948	8338	9698	10717	12937
		Watt ΔT 50°K		1218	1533	1839	2138	2360	2846
		US$		**429.05**	**534.60**	**557.00**	**639.90**	**740.75**	**879.80**
1500	59"	BTU/hr 200/160/68°F		5914	7444	8935	10392	11484	13861
		Watt ΔT 50°K		1306	1643	1970	2290	2529	3049
		US$		**446.85**	**557.90**	**580.45**	**693.35**	**777.45**	**923.95**
1600	63"	BTU/hr 200/160/68°F		6308	7941	9530	11084	12249	14786
		Watt ΔT 50°K		1393	1752	2101	2443	2698	3252
		US$		**534.40**	**596.75**	**621.95**	**689.75**	**838.45**	**996.90**
1700	66 ⅞"	BTU/hr 200/160/68°F		6703	8437	10126	11776	13014	15709
		Watt ΔT 50°K		1480	1862	2233	2595	2867	3456
		US$		**552.80**	**618.65**	**650.40**	**748.90**	**880.60**	**1,048.45**
1800	70 ⅞"	BTU/hr 200/160/68°F		7097	8933	10721	12470	13780	16633
		Watt ΔT 50°K		1567	1971	2365	2748	3035	3659
		US$		**571.70**	**641.00**	**678.95**	**804.40**	**922.30**	**1,098.65**
1900	74 ¾"	BTU/hr 200/160/68°F		7491	9430	11317	13162	14545	17558
		Watt ΔT 50°K		1654	2081	2496	2901	3204	3863
		US$		**605.20**	**680.25**	**720.50**	**805.85**	**983.30**	**1,174.55**
2000	78 ¾"	BTU/hr 200/160/68°F		7885	9926	11913	13855	15311	18482
		Watt ΔT 50°K		1741	2190	2627	3054	3372	4066
		US$		**625.05**	**703.10**	**748.05**	**835.40**	**1,023.50**	**1,223.20**

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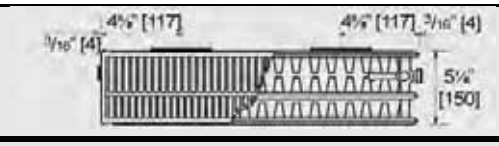
Plainor - type 33

Order Code: P L A	3 3	X X X	Y Y Y Y	Z
Example: P L A	3 3	6 0 0	1 2 0 0	X
radiator				
type				
height				
length				

Z = L:left conn. • R:right conn. • X:reverse



type 33		height	mm	300	400	500	600	700	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.280
mm	inch								
400	15 ¾"	BTU/hr 200/160/68°F		2232	2812	3373	3920	4195	5320
		Watt ΔT 50°K		493	621	744	865	925	1172
		US$		**296.35**	**310.95**	**324.05**	**384.50**	**395.75**	**464.70**
500	19 ⅝"	BTU/hr 200/160/68°F		2790	3516	4216	4901	5244	6650
		Watt ΔT 50°K		617	776	931	1081	1156	1465
		US$		**325.95**	**339.95**	**366.10**	**418.30**	**439.80**	**521.25**
600	23 ⅝"	BTU/hr 200/160/68°F		3348	4219	5060	5881	6292	7981
		Watt ΔT 50°K		740	932	1117	1298	1388	1758
		US$		**354.75**	**367.70**	**407.90**	**451.15**	**484.00**	**576.75**
700	27 ½"	BTU/hr 200/160/68°F		3906	4922	5902	6861	7341	9310
		Watt ΔT 50°K		863	1087	1303	1514	1619	2051
		US$		**399.60**	**419.55**	**456.15**	**512.10**	**565.00**	**679.45**
800	31 ½"	BTU/hr 200/160/68°F		4464	5626	6746	7842	8390	10640
		Watt ΔT 50°K		986	1242	1489	1730	1850	2344
		US$		**425.30**	**449.40**	**492.65**	**562.80**	**612.15**	**737.70**
900	35 ⅜"	BTU/hr 200/160/68°F		5022	6329	7589	8822	9438	11971
		Watt ΔT 50°K		1110	1397	1675	1946	2081	2637
		US$		**448.70**	**476.95**	**526.90**	**610.70**	**657.20**	**793.35**
1000	39 ⅜"	BTU/hr 200/160/68°F		5580	7032	8433	9802	10487	13300
		Watt ΔT 50°K		1233	1552	1861	2162	2312	2930
		US$		**491.80**	**526.50**	**588.55**	**686.00**	**737.40**	**887.20**
1100	43 ¼"	BTU/hr 200/160/68°F		6138	7735	9276	10782	11536	14631
		Watt ΔT 50°K		1356	1708	2047	2378	2544	3223
		US$		**540.55**	**581.35**	**623.25**	**728.60**	**784.70**	**951.80**
1200	47 ¼"	BTU/hr 200/160/68°F		6696	8438	10119	11762	12585	15960
		Watt ΔT 50°K		1479	1863	2233	2594	2775	3516
		US$		**589.70**	**635.70**	**658.10**	**771.30**	**831.95**	**1,009.20**
1300	51 ⅛"	BTU/hr 200/160/68°F		7254	9141	10962	12742	13633	17291
		Watt ΔT 50°K		1603	2019	2419	2811	3006	3809
		US$		**637.65**	**691.60**	**716.30**	**803.50**	**1,000.70**	**1,111.50**
1400	55 ⅛"	BTU/hr 200/160/68°F		7812	9844	11806	13723	14682	18621
		Watt ΔT 50°K		1726	2173	2605	3027	3237	4102
		US$		**663.95**	**721.45**	**748.55**	**866.20**	**1,053.80**	**1,167.45**
1500	59"	BTU/hr 200/160/68°F		8370	10547	12649	14703	15731	19951
		Watt ΔT 50°K		1849	2329	2792	3243	3468	4395
		US$		**691.25**	**753.20**	**780.90**	**931.25**	**1,106.85**	**1,225.70**
1600	63"	BTU/hr 200/160/68°F		8928	11250	13492	15683	16779	21281
		Watt ΔT 50°K		1972	2484	2978	3459	3700	4688
		US$		**739.80**	**808.85**	**840.10**	**947.85**	**1,200.50**	**1,326.80**
1700	66 ⅞"	BTU/hr 200/160/68°F		9487	11954	14335	16663	17828	22610
		Watt ΔT 50°K		2096	2640	3164	3676	3931	4980
		US$		**772.10**	**846.40**	**879.85**	**1,020.45**	**1,252.25**	**1,384.15**
1800	70 ⅞"	BTU/hr 200/160/68°F		10045	12657	15178	17643	18877	23941
		Watt ΔT 50°K		2219	2795	3350	3892	4163	5274
		US$		**804.85**	**884.45**	**919.60**	**1,089.45**	**1,303.45**	**1,440.15**

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Compact

A compact radiator is provided with attractive top and side covers, offering protection as well as pleasing appearance. The compact's profile is also safely rounded. The piping is visible.

- Accessories included in the packaging and the price : brackets, 1 rotating air vent, 1 blind stop, screws and plugs.
- Installation : 4 or 6 welded-on hanging strips for
  2 or 3 L-brackets, narrow or wide assembly is possible.
- Connections : 4 × Ø½" (15/21).
- Colors : standard color is RAL 9016.
  Other available colors : see CHAPTER VII.
- Accessories : see CHAPTER V

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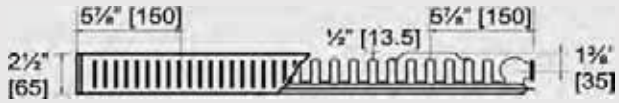
Compact - type 11

Order Code: C O M | 1 1 | X X X | Y Y Y Y | Z
Example: C O M | 1 1 | 6 0 0 | 1 2 0 0 | X

- radiator
- type
- height
- length
- Z = L:left conn. • R:right conn. • X:reverse



type 11		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.305	1.301	1.297	1.293	1.288	1.284	1.280
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	946	1201	1437	1662	1845	2074	2303
			Watt ΔT 50°K	209	266	319	369	410	461	512
			US$	**80.85**	**81.20**	**89.75**	**95.85**	**110.95**	**118.55**	**125.20**
500	19 ⅝"		BTU/hr 200/160/68°F	1182	1501	1796	2078	2306	2592	2878
			Watt ΔT 50°K	262	333	398	461	512	576	641
			US$	**89.75**	**90.15**	**100.00**	**108.55**	**127.25**	**137.60**	**145.20**
600	23 ⅝"		BTU/hr 200/160/68°F	1419	1802	2156	2493	2768	3110	3454
			Watt ΔT 50°K	314	399	478	553	615	692	769
			US$	**107.70**	**108.20**	**120.00**	**130.25**	**152.70**	**165.10**	**174.25**
700	27 ½"		BTU/hr 200/160/68°F	1655	2102	2515	2909	3229	3629	4030
			Watt ΔT 50°K	366	466	558	646	717	807	897
			US$	**116.15**	**116.70**	**129.75**	**142.45**	**168.50**	**183.75**	**193.80**
800	31 ½"		BTU/hr 200/160/68°F	1891	2402	2874	3324	3690	4147	4606
			Watt ΔT 50°K	419	532	637	738	820	922	1025
			US$	**125.50**	**126.20**	**140.50**	**155.60**	**185.25**	**203.20**	**214.25**
900	35 ⅜"		BTU/hr 200/160/68°F	2128	2702	3233	3740	4151	4666	5181
			Watt ΔT 50°K	471	599	717	830	922	1037	1153
			US$	**141.15**	**141.95**	**158.10**	**175.05**	**208.40**	**228.60**	**241.05**
1000	39 ⅜"		BTU/hr 200/160/68°F	2364	3003	3593	4156	4613	5184	5757
			Watt ΔT 50°K	523	665	797	922	1025	1153	1281
			US$	**150.40**	**151.25**	**168.65**	**187.95**	**214.45**	**235.95**	**261.35**
1100	43 ¼"		BTU/hr 200/160/68°F	2601	3303	3952	4571	5074	5702	6333
			Watt ΔT 50°K	576	732	876	1014	1127	1268	1409
			US$	**160.05**	**161.05**	**179.80**	**201.45**	**230.35**	**254.40**	**282.15**
1200	47 ¼"		BTU/hr 200/160/68°F	2837	3603	4311	4987	5535	6221	6908
			Watt ΔT 50°K	628	798	956	1107	1230	1383	1537
			US$	**174.60**	**175.65**	**196.15**	**219.75**	**251.30**	**277.50**	**307.80**
1300	51 ⅛"		BTU/hr 200/160/68°F	3074	3903	4671	5402	5996	6739	7484
			Watt ΔT 50°K	680	865	1036	1199	1332	1498	1665
			US$	**184.30**	**185.45**	**207.20**	**233.15**	**267.05**	**295.80**	**328.55**
1400	55 ⅛"		BTU/hr 200/160/68°F	3310	4204	5030	5818	6458	7258	8060
			Watt ΔT 50°K	733	931	1115	1291	1434	1614	1793
			US$	**194.25**	**195.50**	**218.60**	**246.90**	**283.20**	**314.45**	**349.60**
1500	59"		BTU/hr 200/160/68°F	3546	4504	5389	6233	6919	7776	8635
			Watt ΔT 50°K	785	998	1195	1383	1537	1729	1922
			US$	**208.10**	**209.50**	**234.20**	**264.55**	**303.45**	**336.90**	**374.60**
1600	63"		BTU/hr 200/160/68°F	3783	4804	5748	6649	7380	8294	9211
			Watt ΔT 50°K	837	1064	1275	1476	1639	1844	2050
			US$	**218.05**	**219.45**	**245.55**	**278.15**	**319.50**	**355.50**	**395.60**
1700	66 ⅞"		BTU/hr 200/160/68°F	4019	5105	6108	7064	7841	8813	9787
			Watt ΔT 50°K	890	1131	1354	1568	1742	1959	2178
			US$	**228.20**	**229.65**	**257.15**	**292.10**	**335.80**	**374.30**	**416.85**
1800	70 ⅞"		BTU/hr 200/160/68°F	4256	5405	6467	7480	8303	9331	10362
			Watt ΔT 50°K	942	1197	1434	1660	1844	2075	2306
			US$	**241.60**	**243.20**	**272.25**	**309.30**	**355.55**	**396.35**	**441.35**

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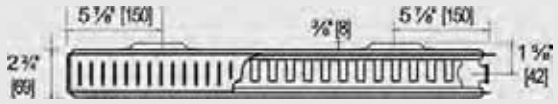
Compact - type 21



Order Code: C O M 2 1 X X X Y Y Y Y Z
Example: C O M 2 1 6 0 0 1 2 0 0 X
radiator
type
height
length
Z = L : left conn. • R : right conn. • X: reverse

type 21		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.315	1.314	1.313	1.311	1.310	1.308	1.307
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	1382	1748	2093	2420	2640	3041	3195
			Watt ΔT 50°K	305	386	462	535	584	673	707
			US$	**100.35**	**106.80**	**114.65**	**135.80**	**153.90**	**166.05**	**181.60**
500	19 ⅝"		BTU/hr 200/160/68°F	1727	2185	2616	3025	3301	3802	3993
			Watt ΔT 50°K	381	483	578	669	730	841	884
			US$	**114.95**	**123.05**	**133.90**	**157.00**	**179.95**	**194.10**	**209.50**
600	23 ⅝"		BTU/hr 200/160/68°F	2073	2622	3139	3630	3961	4562	4792
			Watt ΔT 50°K	458	579	694	802	876	1009	1060
			US$	**137.90**	**147.65**	**160.70**	**188.35**	**215.90**	**232.90**	**251.35**
700	27 ½"		BTU/hr 200/160/68°F	2418	3059	3662	4235	4621	5322	5591
			Watt ΔT 50°K	534	676	809	936	1022	1177	1237
			US$	**152.05**	**163.35**	**179.55**	**209.05**	**241.40**	**260.30**	**278.45**
800	31 ½"		BTU/hr 200/160/68°F	2764	3496	4185	4841	5281	6083	6389
			Watt ΔT 50°K	610	772	925	1070	1168	1345	1414
			US$	**167.00**	**179.95**	**199.10**	**230.65**	**267.90**	**288.85**	**307.00**
900	35 ⅜"		BTU/hr 200/160/68°F	3109	3933	4708	5446	5941	6843	7188
			Watt ΔT 50°K	687	869	1040	1204	1314	1514	1590
			US$	**187.90**	**202.45**	**224.00**	**259.50**	**301.40**	**324.95**	**345.40**
1000	39 ⅜"		BTU/hr 200/160/68°F	3455	4370	5231	6051	6601	7603	7987
			Watt ΔT 50°K	763	965	1156	1337	1460	1682	1767
			US$	**202.75**	**218.90**	**243.55**	**281.05**	**327.75**	**353.30**	**373.70**
1100	43 ¼"		BTU/hr 200/160/68°F	3800	4807	5755	6656	7261	8364	8786
			Watt ΔT 50°K	839	1062	1272	1471	1606	1850	1944
			US$	**218.05**	**235.80**	**252.90**	**290.95**	**340.40**	**366.90**	**386.70**
1200	47 ¼"		BTU/hr 200/160/68°F	4146	5244	6278	7261	7921	9124	9584
			Watt ΔT 50°K	916	1158	1387	1605	1751	2018	2120
			US$	**237.90**	**257.25**	**275.90**	**317.40**	**371.35**	**400.30**	**421.85**
1300	51 ⅛"		BTU/hr 200/160/68°F	4491	5680	6801	7866	8581	9885	10383
			Watt ΔT 50°K	992	1255	1503	1739	1897	2186	2297
			US$	**253.15**	**274.10**	**295.00**	**338.55**	**397.15**	**428.00**	**449.70**
1400	55 ⅛"		BTU/hr 200/160/68°F	4836	6117	7324	8471	9242	10645	11182
			Watt ΔT 50°K	1068	1351	1618	1872	2043	2354	2474
			US$	**268.65**	**291.25**	**311.00**	**356.25**	**418.80**	**451.35**	**473.05**
1500	59"		BTU/hr 200/160/68°F	5182	6554	7847	9076	9902	11405	11980
			Watt ΔT 50°K	1144	1448	1734	2006	2189	2523	2651
			US$	**287.85**	**312.05**	**333.20**	**381.70**	**448.70**	**483.60**	**506.85**
1600	63"		BTU/hr 200/160/68°F	5527	6991	8370	9681	10562	12166	12779
			Watt ΔT 50°K	1221	1544	1850	2140	2335	2691	2827
			US$	**303.35**	**329.20**	**352.30**	**402.90**	**474.50**	**511.35**	**534.75**

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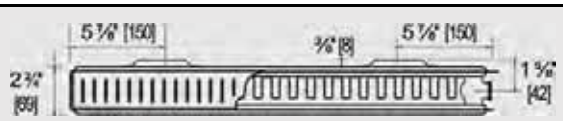
Compact - type 21

Order Code: C O M | 2 1 | X X X | Y Y Y Y | Z
Example: C O M | 2 1 | 6 0 0 | 1 2 0 0 | X

radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse



type 21		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.315	1.314	1.313	1.311	1.310	1.308	1.307
mm	inch									
1700	66 ⅞"		BTU/hr 200/160/68°F	5873	7428	8893	10286	11222	12926	13578
			Watt ΔT 50°K	1297	1641	1965	2274	2481	2859	3004
			US$	**319.05**	**346.55**	**367.60**	**419.80**	**495.20**	**533.65**	**557.10**
1800	70 ⅞"		BTU/hr 200/160/68°F	6218	7865	9417	10891	11882	13686	14376
			Watt ΔT 50°K	1373	1738	2081	2407	2627	3027	3181
			US$	**337.85**	**366.90**	**389.25**	**444.50**	**524.30**	**565.05**	**589.90**
1900	74 ¾"		BTU/hr 200/160/68°F	6564	8302	9940	11496	12542	14447	15175
			Watt ΔT 50°K	1450	1834	2196	2541	2773	3195	3357
			US$	**353.50**	**384.20**	**417.00**	**465.70**	**550.05**	**592.75**	**617.85**
2000	78 ¾"		BTU/hr 200/160/68°F	6909	8739	10463	12101	13202	15207	15974
			Watt ΔT 50°K	1526	1931	2312	2675	2919	3363	3534
			US$	**369.35**	**401.65**	**422.90**	**481.85**	**569.75**	**613.95**	**639.10**
2100	82 ⅝"		BTU/hr 200/160/68°F	7253	9178	10986	12705	13862	15965	16883
			Watt ΔT 50°K	1602	2028	2428	2809	3065	3532	3711
			US$	**387.80**	**421.75**	**444.05**	**505.95**	**598.20**	**644.65**	**671.05**
2200	86 ⅝"		BTU/hr 200/160/68°F	7600	9613	11509	13311	14522	16728	17571
			Watt ΔT 50°K	1678	2124	2543	2942	3211	3700	3887
			US$	**403.65**	**439.15**	**463.00**	**527.05**	**623.80**	**672.20**	**698.90**
2300	90 ½"		BTU/hr 200/160/68°F	7944	10052	12032	13915	15183	17487	18491
			Watt ΔT 50°K	1755	2221	2659	3076	3357	3868	4064
			US$	**419.55**	**456.70**	**476.80**	**542.35**	**642.50**	**692.30**	**719.10**
2400	94 ½"		BTU/hr 200/160/68°F	8291	10487	12555	14522	15843	18248	19168
			Watt ΔT 50°K	1831	2317	2774	3210	3503	4036	4241
			US$	**437.80**	**476.55**	**497.55**	**565.95**	**670.45**	**722.40**	**750.40**
2500	98 ⅜"		BTU/hr 200/160/68°F	8637	10925	13079	15125	16504	19006	20100
			Watt ΔT 50°K	1908	2414	2890	3344	3649	4204	4418
			US$	**453.70**	**494.05**	**516.35**	**586.90**	**695.85**	**749.80**	**778.10**
2600	102 ⅜"		BTU/hr 200/160/68°F	8982	11361	13602	15732	17163	19769	20766
			Watt ΔT 50°K	1984	2510	3006	3477	3795	4372	4594
			US$	**469.70**	**511.70**	**529.40**	**601.40**	**713.50**	**768.80**	**797.15**
2700	106 ¼"		BTU/hr 200/160/68°F	9327	11799	14127	16335	17824	20527	21708
			Watt ΔT 50°K	2060	2607	3122	3611	3941	4541	4771
			US$	**487.80**	**531.35**	**549.80**	**624.55**	**740.95**	**798.35**	**827.80**
2800	110 ¼"		BTU/hr 200/160/68°F	9673	12235	14648	16942	18483	21290	22363
			Watt ΔT 50°K	2136	2703	3237	3745	4087	4709	4948
			US$	**501.90**	**547.15**	**566.95**	**643.30**	**764.15**	**823.30**	**852.50**
3000	118 ⅛"		BTU/hr 200/160/68°F	10364	13109	15694	18152	19803	22810	23960
			Watt ΔT 50°K	2289	2896	3468	4012	4379	5045	5301
			US$	**537.75**	**586.20**	**607.45**	**689.25**	**818.70**	**882.10**	**913.40**

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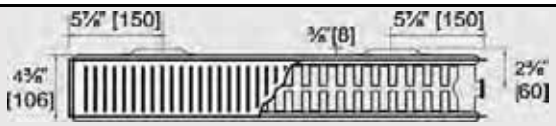
Compact - type 22



Order Code: C O M 2 2 X X X Y Y Y Y Z
Example: C O M 2 2 6 0 0 1 2 0 0 X
radiator
type
height
length
Z = L : left conn. • R : right conn. • X: reverse

type 22		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.316	1.319	1.322	1.325	1.328	1.331	1.334
mm	inch									
400	15 ¾"		BTU/hr 200/160/68°F	1772	2231	2677	3113	3441	3971	4153
			Watt ΔT 50°K	391	492	590	686	758	874	914
			US$	**132.60**	**138.80**	**140.60**	**147.05**	**169.05**	**200.30**	**206.00**
500	19 ⅝"		BTU/hr 200/160/68°F	2215	2788	3346	3892	4301	4964	5191
			Watt ΔT 50°K	489	615	738	858	947	1093	1142
			US$	**148.40**	**155.65**	**161.20**	**171.05**	**193.90**	**233.00**	**247.05**
600	23 ⅝"		BTU/hr 200/160/68°F	2658	3346	4015	4670	5161	5957	6230
			Watt ΔT 50°K	587	738	886	1029	1137	1311	1370
			US$	**178.10**	**186.80**	**193.40**	**205.30**	**232.65**	**279.60**	**296.45**
700	27 ½"		BTU/hr 200/160/68°F	3101	3903	4685	5449	6021	6950	7268
			Watt ΔT 50°K	685	861	1033	1201	1326	1530	1599
			US$	**192.85**	**201.90**	**213.35**	**228.85**	**256.80**	**311.60**	**337.15**
800	31 ½"		BTU/hr 200/160/68°F	3544	4461	5354	6227	6881	7942	8306
			Watt ΔT 50°K	782	984	1181	1372	1516	1748	1827
			US$	**209.80**	**218.55**	**234.50**	**253.40**	**282.40**	**344.95**	**378.65**
900	35 ⅜"		BTU/hr 200/160/68°F	3987	5019	6023	7005	7742	8935	9345
			Watt ΔT 50°K	880	1107	1328	1544	1705	1967	2056
			US$	**236.05**	**245.85**	**263.80**	**285.10**	**317.70**	**388.10**	**426.00**
1000	39 ⅜"		BTU/hr 200/160/68°F	4430	5576	6692	7784	8602	9928	10383
			Watt ΔT 50°K	978	1230	1476	1715	1895	2185	2284
			US$	**252.40**	**262.30**	**284.75**	**309.50**	**343.00**	**421.25**	**467.35**
1100	43 ¼"		BTU/hr 200/160/68°F	4873	6134	7362	8562	9462	10921	11421
			Watt ΔT 50°K	1076	1353	1623	1887	2084	2404	2512
			US$	**269.45**	**279.55**	**306.25**	**334.45**	**369.10**	**455.20**	**509.20**
1200	47 ¼"		BTU/hr 200/160/68°F	5316	6692	8031	9340	10322	11914	12460
			Watt ΔT 50°K	1174	1477	1771	2058	2273	2622	2741
			US$	**293.95**	**304.95**	**334.10**	**364.80**	**402.65**	**496.55**	**555.50**
1300	51 ⅛"		BTU/hr 200/160/68°F	5759	7249	8700	10119	11182	12906	13498
			Watt ΔT 50°K	1272	1600	1919	2230	2463	2841	2969
			US$	**310.95**	**322.10**	**355.65**	**389.75**	**428.65**	**530.40**	**597.25**
1400	55 ⅛"		BTU/hr 200/160/68°F	6202	7807	9369	10897	12042	13899	14536
			Watt ΔT 50°K	1369	1723	2066	2402	2652	3059	3198
			US$	**328.45**	**339.75**	**377.55**	**415.00**	**455.15**	**564.75**	**639.35**
1500	59"		BTU/hr 200/160/68°F	6645	8364	10039	11676	12903	14892	15574
			Watt ΔT 50°K	1467	1846	2214	2573	2842	3278	3426
			US$	**351.90**	**364.05**	**404.50**	**444.60**	**487.65**	**605.10**	**685.00**
1600	63"		BTU/hr 200/160/68°F	7088	8922	10708	12454	13763	15885	16613
			Watt ΔT 50°K	1565	1969	2361	2745	3031	3496	3654
			US$	**369.30**	**381.65**	**426.40**	**469.85**	**514.10**	**639.35**	**727.05**

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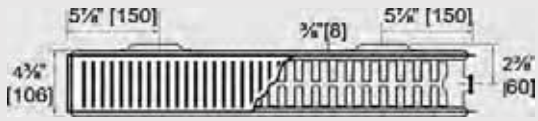
Compact - type 22

Order Code: C O M 2 2 X X X Y Y Y Y Z
Example: C O M 2 2 5 0 0 1 2 0 0 X

radiator
type
height
length
Z = L:left conn. • R:right conn. • X:reverse



type22		height	mm	300	400	500	600	700	800	900
			inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length			n exponent	1.316	1.319	1.322	1.325	1.328	1.331	1.334
mm	inch									
			BTU/hr 200/160/68°F	7531	9480	11377	13232	14623	16878	17651
1700	66 ⅞"		Watt ΔT 50°K	1663	2092	2509	2916	3221	3715	3883
			US$	**387.05**	**399.65**	**448.50**	**495.25**	**540.85**	**673.90**	**769.25**
			BTU/hr 200/160/68°F	7974	10037	12046	14011	15483	17870	18689
1800	70 ⅞"		Watt ΔT 50°K	1761	2215	2657	3088	3410	3933	4111
			US$	**409.80**	**423.15**	**474.85**	**524.35**	**572.65**	**713.55**	**814.50**
			BTU/hr 200/160/68°F	8417	10595	12716	14789	16343	18863	19728
1900	74 ¾"		Watt ΔT 50°K	1858	2338	2804	3259	3600	4152	4340
			US$	**427.55**	**441.05**	**496.95**	**549.80**	**599.35**	**748.10**	**856.75**
			BTU/hr 200/160/68°F	8860	11153	13385	15567	17203	19856	20766
2000	78 ¾"		Watt ΔT 50°K	1956	2461	2952	3431	3789	4371	4568
			US$	**445.45**	**459.25**	**519.30**	**575.40**	**626.30**	**782.90**	**899.05**
			BTU/hr 200/160/68°F	9302	11710	14055	16346	18064	20851	21806
2100	82 ⅝"		Watt ΔT 50°K	2054	2584	3100	3603	3979	4590	4797
			US$	**467.70**	**482.20**	**545.25**	**604.15**	**657.65**	**822.05**	**944.00**
			BTU/hr 200/160/68°F	9746	12268	14723	17124	18924	21842	22843
2200	86 ⅝"		Watt ΔT 50°K	2152	2707	3247	3774	4168	4808	5025
			US$	**485.65**	**500.40**	**567.55**	**629.75**	**684.55**	**856.80**	**986.30**
			BTU/hr 200/160/68°F	10187	12824	15392	17902	19785	22837	23884
2300	90 ½"		Watt ΔT 50°K	2250	2830	3395	3946	4358	5027	5254
			US$	**503.75**	**518.75**	**589.90**	**655.60**	**711.80**	**891.75**	**1,028.75**
			BTU/hr 200/160/68°F	10632	13383	16062	18681	20644	23827	24919
2400	94 ½"		Watt ΔT 50°K	2347	2953	3542	4117	4547	5245	5482
			US$	**525.65**	**541.35**	**615.55**	**684.15**	**742.75**	**930.55**	**1,073.45**
			BTU/hr 200/160/68°F	11073	13939	16730	19459	21505	24822	25959
2500	98 ⅜"		Watt ΔT 50°K	2445	3076	3690	4289	4737	5464	5710
			US$	**543.75**	**559.70**	**638.05**	**709.65**	**769.75**	**965.45**	**1,115.90**
			BTU/hr 200/160/68°F	11517	14498	17400	20238	22364	25813	26996
2600	102 ⅜"		Watt ΔT 50°K	2543	3199	3837	4460	4926	5682	5938
			US$	**561.95**	**578.15**	**660.55**	**735.45**	**796.95**	**1,000.55**	**1,158.45**
			BTU/hr 200/160/68°F	11960	15054	18068	21015	23226	26808	28034
2700	106 ¼"		Watt ΔT 50°K	2641	3322	3985	4632	5116	5901	6167
			US$	**583.60**	**600.40**	**685.95**	**763.70**	**827.60**	**1,039.00**	**1,203.00**
			BTU/hr 200/160/68°F	12403	15614	18739	21794	24085	27798	29072
2800	110 ¼"		Watt ΔT 50°K	2739	3445	4132	4803	5305	6119	6395
			US$	**598.75**	**615.55**	**705.90**	**787.30**	**851.80**	**1,071.00**	**1,243.60**
			BTU/hr 200/160/68°F	13289	16729	20077	23351	25805	29784	31149
3000	118 ⅛"		Watt ΔT 50°K	2934	3691	4428	5146	5684	6556	6852
			US$	**641.50**	**659.50**	**756.30**	**843.50**	**912.60**	**1,147.50**	**1,332.45**

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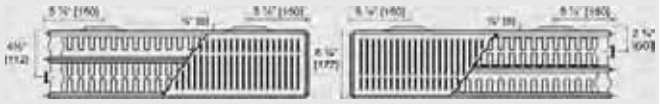
Compact - type 33



Order Code: C O M 3 3 X X X Y Y Y Y Z
Example: C O M 3 3 6 0 0 1 2 0 0 X

radiator
type
height
length

Z = L : left conn. • R : right conn. • X: reverse

type 33	height	mm	300	400	500	600	700	800	900
		inch	11 ¾"	15 ¾"	19 ⅝"	23 ⅝"	27 ½"	31 ½"	35 ⅜"
length		n exponent	1.314	1.316	1.318	1.321	1.323	1.325	1.327
mm	inch								
400	15 ¾"	BTU/hr 200/160/68°F	2508	3160	3790	4405	4713	5602	5978
		Watt ΔT 50°K	554	698	836	972	1039	1235	1317
		US$	**195.00**	**206.85**	**224.70**	**228.25**	**248.50**	**287.40**	**304.45**
500	19 ⅝"	BTU/hr 200/160/68°F	3135	3950	4737	5507	5892	7003	7472
		Watt ΔT 50°K	693	872	1046	1215	1299	1543	1646
		US$	**235.80**	**238.40**	**253.25**	**266.20**	**292.60**	**342.80**	**364.60**
600	23 ⅝"	BTU/hr 200/160/68°F	3762	4740	5685	6608	7070	8403	8967
		Watt ΔT 50°K	831	1047	1255	1458	1559	1852	1975
		US$	**283.00**	**286.05**	**303.85**	**319.45**	**351.15**	**411.40**	**437.55**
700	27 ½"	BTU/hr 200/160/68°F	4389	5530	6632	7709	8248	9804	10461
		Watt ΔT 50°K	970	1221	1464	1701	1819	2161	2304
		US$	**306.45**	**310.15**	**322.80**	**356.65**	**394.60**	**466.20**	**497.05**
800	31 ½"	BTU/hr 200/160/68°F	5016	6321	7580	8811	9427	11204	11955
		Watt ΔT 50°K	1108	1396	1673	1944	2079	2469	2634
		US$	**332.20**	**336.45**	**354.50**	**395.45**	**439.50**	**522.25**	**557.85**
900	35 ⅜"	BTU/hr 200/160/68°F	5643	7111	8527	9912	10605	12605	13450
		Watt ΔT 50°K	1247	1570	1882	2187	2338	2778	2963
		US$	**373.75**	**378.55**	**398.80**	**444.90**	**494.45**	**587.50**	**627.60**
1000	39 ⅜"	BTU/hr 200/160/68°F	6270	7901	9475	11013	11783	14005	14944
		Watt ΔT 50°K	1385	1744	2091	2429	2598	3087	3292
		US$	**399.20**	**404.50**	**430.15**	**483.45**	**539.15**	**643.40**	**688.20**
1100	43 ¼"	BTU/hr 200/160/68°F	6897	8691	10422	12115	12962	15406	16439
		Watt ΔT 50°K	1524	1919	2300	2672	2858	3395	3621
		US$	**425.85**	**431.65**	**462.55**	**522.80**	**584.55**	**700.00**	**749.50**
1200	47 ¼"	BTU/hr 200/160/68°F	7524	9481	11370	13216	14140	16806	17933
		Watt ΔT 50°K	1662	2093	2509	2915	3118	3704	3950
		US$	**464.55**	**470.85**	**504.60**	**570.30**	**637.70**	**763.65**	**817.65**
1300	51 ⅛"	BTU/hr 200/160/68°F	8151	10271	12317	14317	15318	18207	19428
		Watt ΔT 50°K	1801	2268	2718	3158	3378	4013	4280
		US$	**491.10**	**497.95**	**536.85**	**609.60**	**683.10**	**820.15**	**878.85**
1400	55 ⅛"	BTU/hr 200/160/68°F	8778	11061	13265	15419	16497	19607	20922
		Watt ΔT 50°K	1939	2442	2927	3401	3637	4321	4609
		US$	**518.35**	**525.75**	**569.70**	**649.35**	**721.25**	**859.60**	**921.75**
1500	59"	BTU/hr 200/160/68°F	9405	11851	14212	16520	17675	21008	22417
		Watt ΔT 50°K	2078	2617	3137	3644	3897	4630	4938
		US$	**555.40**	**563.35**	**610.35**	**695.75**	**772.80**	**921.00**	**987.60**
1600	63"	BTU/hr 200/160/68°F	10032	12641	15160	17621	18853	22408	23911
		Watt ΔT 50°K	2216	2791	3346	3887	4157	4939	5267
		US$	**582.55**	**591.00**	**643.20**	**735.50**	**811.45**	**968.75**	**1,047.90**
1700	66 ⅞"	BTU/hr 200/160/68°F	10659	13431	16107	18723	20032	23809	25405
		Watt ΔT 50°K	2355	2966	3555	4130	4417	5247	5596
		US$	**610.30**	**619.30**	**676.35**	**775.55**	**852.55**	**1,014.40**	**1,097.30**
1800	70 ⅞"	BTU/hr 200/160/68°F	11286	14221	17054	19824	21210	25209	26900
		Watt ΔT 50°K	2493	3140	3764	4373	4677	5556	5926
		US$	**646.20**	**655.75**	**716.15**	**821.15**	**902.70**	**1,074.05**	**1,161.85**

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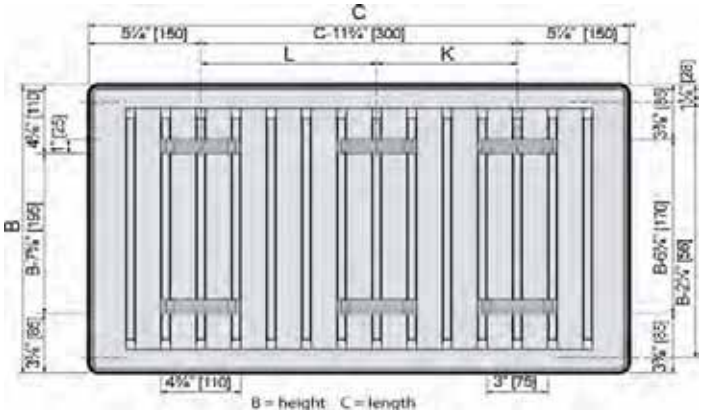
Compact

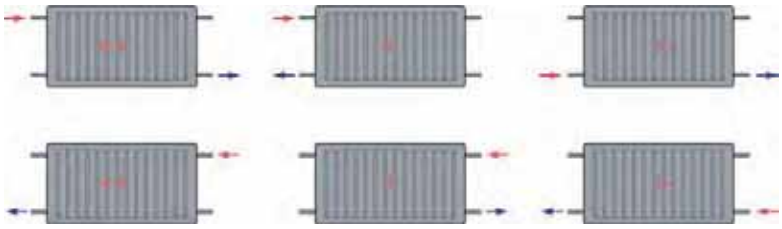
Type	height inch	height mm	B inch	B mm	depth inch	depth mm	weight lbs/ft	weight kg/m	volume gallon/ft	volume Ltr./m	length: from - to inch		length: from - to mm	
11	11 ¾"	300	9 ¾"	249	2 ⅝"	66	6.18	9.20	0.14	1.70	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	10.28	15.30	0.28	3.50	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	11.56	17.20	0.28	3.50	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	17.47	26.00	0.39	4.90	15 ¾"	70 ⅞"	400	1800
11	15 ¾"	400	13 ¾"	349	2 ⅝"	66	8.11	12.07	0.17	2.17	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	13.64	20.30	0.35	4.40	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	15.41	22.93	0.35	4.40	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	23.14	34.43	0.51	6.33	15 ¾"	70 ⅞"	400	1800
11	19 ⅝"	500	17 ⅝"	449	2 ⅝"	66	10.03	14.93	0.21	2.63	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	17.00	25.30	0.43	5.30	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	19.27	28.67	0.43	5.30	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	28.81	42.87	0.63	7.77	15 ¾"	70 ⅞"	400	1800
11	23 ⅝"	600	21 ⅝"	549	2 ⅝"	66	11.96	17.80	0.25	3.10	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	20.36	30.30	0.50	6.20	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	23.12	34.40	0.50	6.20	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	34.47	51.30	0.74	9.20	15 ¾"	70 ⅞"	400	1800
11	27 ½"	700	25 ½"	649	2 ⅝"	66	13.89	20.67	0.29	3.56	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	23.72	35.30	0.57	7.10	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	26.97	40.13	0.57	7.10	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	40.14	59.73	0.86	10.64	15 ¾"	70 ⅞"	400	1800
11	31 ½"	800	29 ½"	749	2 ⅝"	66	15.81	23.53	0.32	4.03	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	27.08	40.30	0.64	8.00	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	30.82	45.87	0.64	8.00	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	45.81	68.17	0.97	12.07	15 ¾"	70 ⅞"	400	1800
11	35 ⅜"	900	33 ⅜"	849	2 ⅝"	66	18.08	26.90	0.35	4.40	15 ¾"	70 ⅞"	400	1800
21					2 ¾"	70	30.53	45.44	0.71	8.87	15 ¾"	118 ⅛"	400	3000
22					4 ⅛"	104	34.88	51.90	0.73	9.10	15 ¾"	118 ⅛"	400	3000
33					6 ¼"	160	41.66	62.00	0.87	10.80	15 ¾"	70 ⅞"	400	1800



Type	a inch	a mm	b inch	b mm	c inch	c mm
narrow assembly						
11	3 ¼"	81	2"	50	⅞"	21.5
21	3 ½"	90	2 ⅛"	55	⅞"	21.5
22	5"	127	2 ⅞"	74	⅞"	21.5
33	7 ¾"	198	2 ⅞"	74	⅞"	21.5
wide assembly						
11	4 ¼"	107	3"	76	1 ⅞"	47.5
21	4 ⅝"	116	3 ¼"	81	1 ⅞"	47.5
22	6"	153	3 ⅞"	100	1 ⅞"	47.5
33	8 ⅞"	224	3 ⅞"	100	1 ⅞"	47.5

Connections

Other connections are not possible.



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Niva

The Niva Horizontal Lacquered is available with 1 (NH1L1, NH2L1) or 2 rows (NH2L2) of steel fins at the back of the tubes in order to increase the heat output.

- Accessories included in the packaging and the price :
  brackets, installation clips, 1 bore template,
  1 rotating airvent, 3 blind stops, screws and plugs.
- Installation : 2 wall mount brackets in RAL7016 (anthracite grey)
  Optional RAL 9016 with fine textured finish for brackets.
- Connections : 4 x Ø ½" (Lateral) and 2 x Ø ¾" (Base)
- Colors : standard color is RAL 9016 with fine textured finish.
  Other available colors : see CHAPTER VII.
- Accessories : see CHAPTER V

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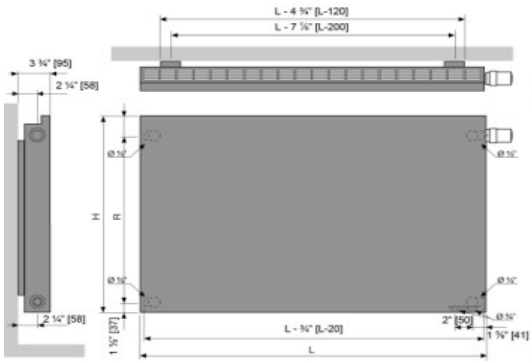
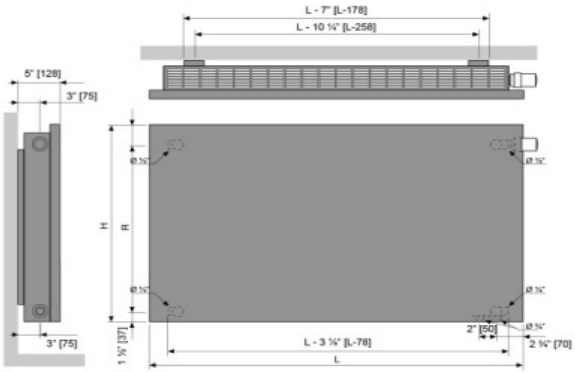
Niva Horizontal

Type	height		depth		weight		volume		length: from - to			
	inch	mm	inch	mm	lbs/ft	kg/m	gallon/ft	L/m	inch		mm	
NH1L1	17 ¾"	450	3 ¾"	95	9.68	14.40	0.18	2.29	20 ½"	20 ½"	520	520
NH1L1	21 ¾"	550	3 ¾"	95	12.04	17.92	0.22	2.68	24 ⅜"	48 ⅛"	620	1220
NH2L1			3 ¾"	95	18.70	27.82	0.42	5.27	24 ⅜"	63 ⅞"	620	1620
NH2L2			5"	128	20.32	30.24	0.40	5.01	26 ¾"	66 ⅛"	678	1678
NH1L1	25 ⅝"	650	3 ¾"	95	14.39	21.42	0.25	3.09	24 ⅜"	48 ⅛"	620	1220
NH2L1			3 ¾"	95	22.43	33.38	0.50	6.18	24 ⅜"	63 ⅞"	620	1620
NH2L2			5"	128	24.06	35.81	0.47	5.80	26 ¾"	66 ⅛"	678	1678
NH1L1	37 ⅜"	950	3 ¾"	95	21.01	31.26	0.35	4.31	40 ¼"	48 ⅛"	1020	1220
NH2L1			3 ¾"	95	33.08	49.22	0.72	8.90	40 ¼"	48 ⅛"	1020	1220
NH2L2			5"	128	36.09	53.71	0.67	8.35	42 ½"	50 ⅜"	1078	1278



NH1L1 / NH2L1



NH2L2

Radiator in white: Thermostatic head in white included in the price standard.

Radiator in color: Thermostatic head in chrome plated standard, included in the price.

Thermostatic head in another color:

Radiator in white: Thermostatic head in chrome:

Ref. nr. 01686 **101.60 US$**

Thermostatic head in stainless steel:

Ref. nr. 01687 **117.30 US$**

Radiator in color: Thermostatic head in white:

Ref. nr. 01685 **78.20 US$**

Thermostatic head in stainless steel:

Ref. nr. 01687 **117.30 US$**

Integrated Valve

Standard delivered with integrated valve on the right (4 x ½" lateral or 2 x ¾" outer thread on 50 mm, supply on the left).

A designer thermostatic head (white or chrome plated, dependent on the color of the radiator) is delivered (at the top on the right).

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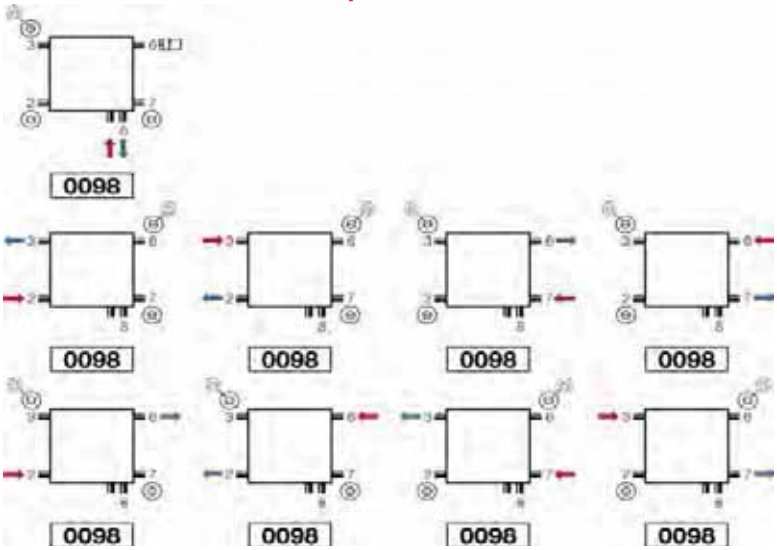
Niva Horizontal Lacquered

			Type NH1L1				Type NH2L1		
		height mm	450	550	650	950	550	650	950
		height inch	17 ¾"	21 ¾"	25 ⅝"	37 ⅜"	21 ¾"	25 ⅝"	37 ⅜"
length		n exponent	1.260	1.260	1.270	1.280	1.280	1.270	1.300
mm	inch								
520	20 ½"	BTU/hr 200/160/68°F	1347						
		Watt ΔT 50°K	301						
		US$ White	**914.30**						
		US$ Color	**1,050.10**						
620	24 ⅜"	BTU/hr 200/160/68°F		1902	2197		2746	3175	
		Watt ΔT 50°K		425	490		611	708	
		US$ White		**1,022.95**	**1,149.65**		**1,336.75**	**1,566.10**	
		US$ Color		**1,176.85**	**1,321.65**		**1,535.90**	**1,801.45**	
820	32 ⅜"	BTU/hr 200/160/68°F		2515	2910		3635	4197	
		Watt ΔT 50°K		562	649		809	936	
		US$ White		**1,191.90**	**1,315.65**		**1,523.85**	**1,756.15**	
		US$ Color		**1,369.95**	**1,511.75**		**1,753.15**	**2,018.70**	
1020	40 ¼"	BTU/hr 200/160/68°F		3128	3619	5051	4521	5224	7356
		Watt ΔT 50°K		699	807	1124	1006	1165	1630
		US$ White		**1,357.85**	**1,484.60**	**1,834.65**	**1,713.95**	**1,943.25**	**2,335.50**
		US$ Color		**1,563.05**	**1,707.90**	**2,109.20**	**1,970.40**	**2,235.95**	**2,685.55**
1220	48 ⅛"	BTU/hr 200/160/68°F		3741	4327	6040	5406	6246	8801
		Watt ΔT 50°K		836	965	1344	1203	1393	1950
		US$ White		**1,523.85**	**1,650.55**	**2,003.60**	**1,901.00**	**2,130.35**	**2,504.50**
		US$ Color		**1,753.15**	**1,898.00**	**2,305.35**	**2,187.65**	**2,450.20**	**2,881.70**
1420	56"	BTU/hr 200/160/68°F					6291	7273	
		Watt ΔT 50°K					1400	1622	
		US$ White					**2,211.80**	**2,480.35**	
		US$ Color					**2,543.70**	**2,851.50**	
1620	63 ⅞"	BTU/hr 200/160/68°F					7176	8296	
		Watt ΔT 50°K					1597	1850	
		US$ White					**2,522.60**	**2,830.40**	
		US$ Color					**2,899.80**	**3,255.85**	

Connections

Other connections are not possible.



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Niva Horizontal Lacquered

			Type NH2L2		
		height mm	550	650	950
		height inch	21 ¾"	25 ⅝"	37 ⅜"
length		n exponent	1.290	1.290	1.900
mm	inch				
678	26 ¾"	BTU/hr 200/160/68°F	3621	4238	
		Watt ΔT 50°K	804	941	
		US$	**1,671.70**	**1,964.40**	
			1,922.15	**2,260.10**	
878	34 ⅝"	BTU/hr 200/160/68°F	4688	5490	
		Watt ΔT 50°K	1041	1219	
		US$	**1,922.15**	**2,214.80**	
			2,211.80	**2,546.75**	
1078	42 ½"	BTU/hr 200/160/68°F	5760	6737	9148
		Watt ΔT 50°K	1279	1496	2027
		US$	**2,172.60**	**2,465.25**	**2,920.90**
			2,498.45	**2,836.40**	**3,358.45**
1278	50 ⅜"	BTU/hr 200/160/68°F	6827	7989	10845
		Watt ΔT 50°K	1516	1774	2403
		US$	**2,423.05**	**2,715.70**	**3,171.35**
			2,785.10	**3,123.05**	**3,648.10**
1478	58 ¼"	BTU/hr 200/160/68°F	7894	9236	
		Watt ΔT 50°K	1753	2051	
		US$	**2,803.20**	**3,141.20**	
			3,222.65	**3,611.90**	
1678	66 ⅛"	BTU/hr 200/160/68°F	8962	10488	
		Watt ΔT 50°K	1990	2329	
		US$	**3,180.40**	**3,566.65**	
			3,657.15	**4,100.70**	

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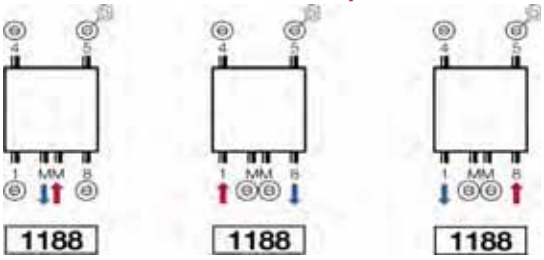
Niva Vertical

The Niva Vertical is ideal for fitting where there is little space on the wall that you want or can use.
The Niva Vertical is available with squared edges in stainless steel or lacquered finish,
or with rounded edges in a lacquered finish.

- Accessories included in the packaging and the price:
  brackets, installation clips, 1 bore template,
  1 rotating air vent, 3 blind stops, screws and plugs.
- Installation : 2 welded-on hanging strips for2 wall brackets.
- Connections : 6 x Ø ½“ (15/21).
- Colors : standard color is RAL 9016 with fine textured finish.
  Stainless steel look is available in limited sizes.
  Other available colors : see CHAPTER VII.
- Accessories : see CHAPTER V

Connections

Other connections are not possible.



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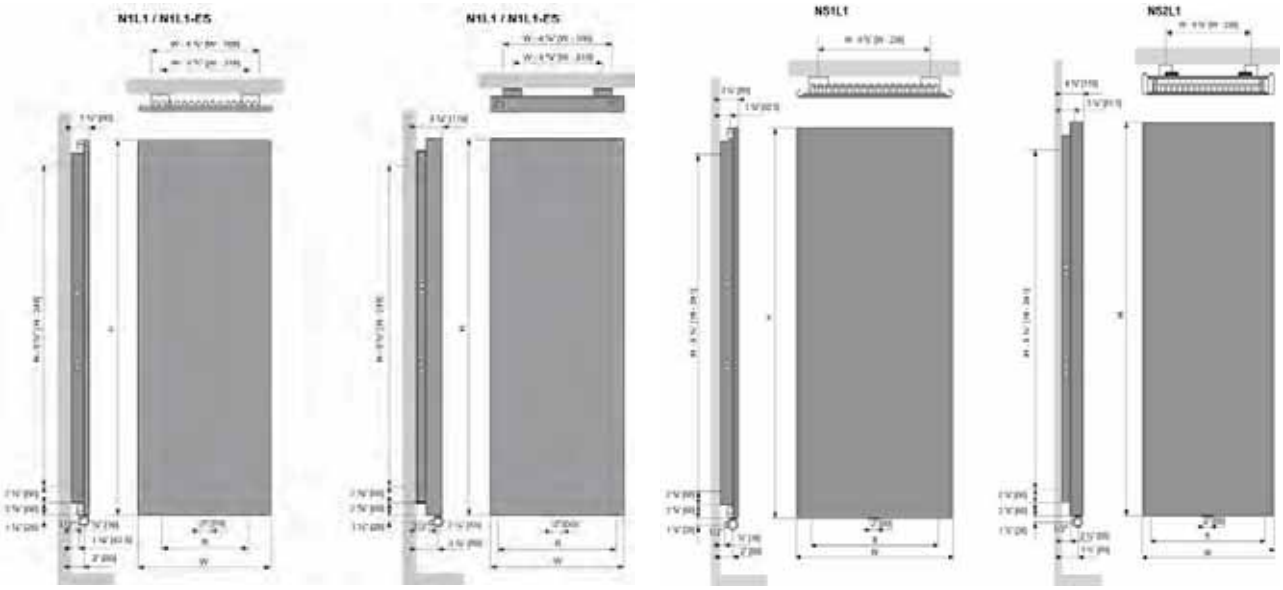
Niva Vertical

Type	height		depth		weight		volume		width: from - to			
	inch	mm	inch	mm	lbs/ft	kg/m	gallon/ft	L/m	inch		mm	
N1L1	48 ⅛"	1220	3 ¼"	80	25.68	38.21	0.45	5.57	16 ½"	24 ⅜"	420	620
N2L1			4 ¾"	119	40.81	60.73	0.88	10.92	16 ½"	24 ⅜"	420	620
N1L1	71 ⅜"	1820	3 ¼"	80	38.55	57.37	0.71	8.82	16 ½"	28 ⅜"	420	720
N2L1			4 ¾"	119	61.78	91.94	1.40	17.42	16 ½"	28 ⅜"	420	720
N1L1-ES			3 ¼"	80	39.09	58.17	0.70	8.65	20 ½"	24 ⅜"	520	620
N2L1-ES			4 ¾"	119	63.07	93.85	1.36	16.92	20 ½"	24 ⅜"	520	620
N1L1	79 ½"	2020	3 ¼"	80	42.32	62.98	0.78	9.71	16 ½"	28 ⅜"	420	720
N2L1			4 ¾"	119	67.76	100.83	1.55	19.23	16 ½"	28 ⅜"	420	720
N1L1-ES			3 ¼"	80	42.13	62.69	0.77	9.52	20 ½"	24 ⅜"	520	620
N2L1-ES			4 ¾"	119	69.85	103.94	1.53	18.94	20 ½"	24 ⅜"	520	620
N1L1	87 ⅜"	2220	3 ¼"	80	45.45	67.63	0.85	10.56	16 ½"	28 ⅜"	420	720
N2L1			4 ¾"	119	74.57	110.96	1.69	20.96	16 ½"	28 ⅜"	420	720

			Type N1L1				Type N2L1			
		height mm	1220	1820	2020	2220	1220	1820	2020	2220
		height inch	48 ⅛"	71 ⅜"	79 ½"	87 ⅜"	48 ⅛"	71 ⅜"	79 ½"	87 ⅜"
width		n exponent	1.290	1.340	1.380	1.410	1.370	1.320	1.300	1.270
mm	inch									
420	16 ½"	BTU/hr 200/160/68°F	2469	3482	3866		4109	5453	5853	6237
		Watt ΔT 50°K	547	765	842		891	1203	1297	1391
		US$ White	**998.80**	**1,161.75**	**1,231.15**		**1,499.70**	**1,741.10**	**1,807.45**	**1,913.10**
		US$ Color	**1,149.65**	**1,336.75**	**1,415.20**		**1,726.00**	**2,003.60**	**2,079.05**	**2,199.75**
520	20 ½"	BTU/hr 200/160/68°F	2765	4315	4789	5259	4641	6749	7248	7726
		Watt ΔT 50°K	614	948	1043	1138	1013	1489	1606	1723
		US$ White	**1,128.55**	**1,309.60**	**1,388.05**	**1,493.65**	**1,686.75**	**1,961.35**	**2,033.80**	**2,151.45**
		US$ Color	**1,297.50**	**1,505.75**	**1,596.25**	**1,716.95**	**1,940.25**	**2,257.05**	**2,338.55**	**2,474.30**
		US$ Stainless		**2,423.05**	**2,564.85**			**3,627.00**	**3,762.75**	
620	24 ⅜"	BTU/hr 200/160/68°F	3056	5144	5707	6266	5171	8050	8643	9210
		Watt ΔT 50°K	680	1130	1243	1356	1136	1776	1915	2054
		US$ White	**1,170.80**	**1,363.90**	**1,445.40**	**1,566.10**	**1,756.15**	**2,039.80**	**2,121.30**	**2,257.05**
		US$ Color	**1,345.80**	**1,569.10**	**1,662.65**	**1,801.45**	**2,018.70**	**2,344.55**	**2,438.10**	**2,595.00**
		US$ Stainless		**2,522.60**	**2,673.45**			**3,774.85**	**3,922.70**	
720	28 ⅜"	BTU/hr 200/160/68°F		5972	6630	7278		9346	10037	10695
		Watt ΔT 50°K		1312	1444	1575		2062	2224	2385
		US$ White		**1,415.20**	**1,508.75**	**1,638.50**		**2,118.25**	**2,211.80**	**2,362.70**
		US$ Color		**1,626.40**	**1,735.05**	**1,882.90**		**2,435.10**	**2,543.70**	**2,715.70**



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Vertical

The Vertical is ideal for fitting where there is little space on the wall that you want or can use.
The front panel is profiled.

- Accessories included in the packaging and the price :
  brackets, 2 side covers, installation clips, 1 bore template,
  1 rotating airvent, 3 blind stops, screws and plugs.
- Installation : 6 welded-on hanging strips for 3 U-brackets.
- Connections : 6 x Ø ½“ (15/21).
- A vertical radiator can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.
- Top connection is possible, if the radiator can be switched vertically.
- Colors : standard color is RAL 9016.
  Other available colors : see CHAPTER VII.
- Accessories : see CHAPTER V

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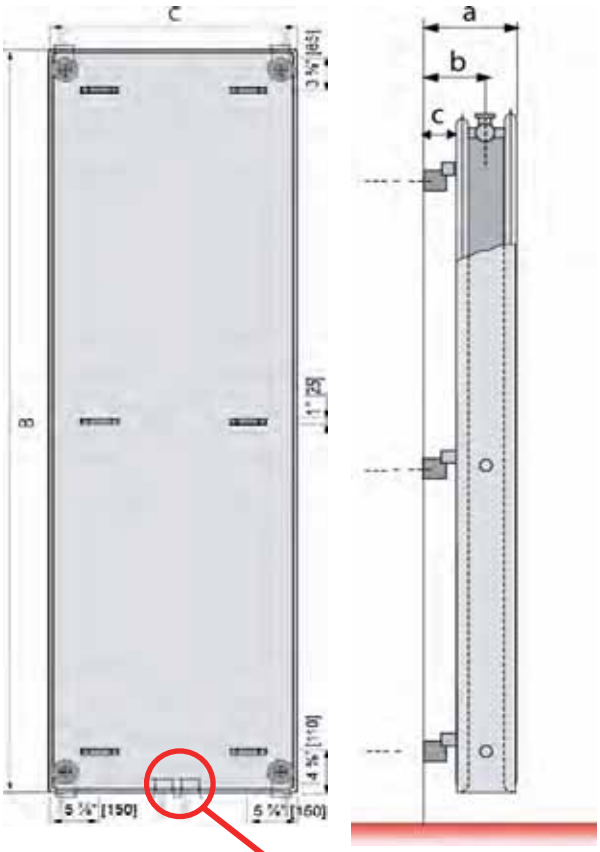
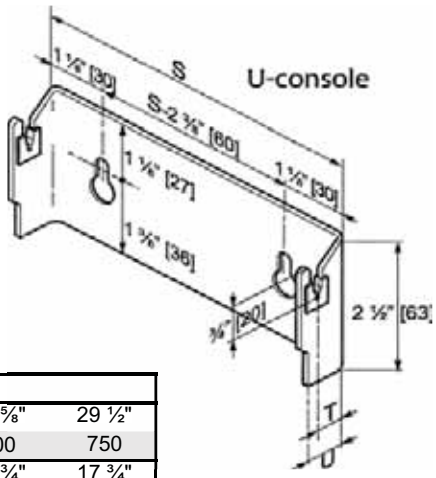
Vertical



	inch	mm
a	4 ⅛"	105
b	2 ½"	62
c	1"	24



U - Console				
length	inch	17 ¾"	23 ⅝"	29 ½"
	mm	450	600	750
S	inch	5 ⅞"	11 ¾"	17 ¾"
	mm	150	300	450
T	inch	½"	½"	½"
	mm	14	14	14
U	inch	⅞"	⅞"	⅞"
	mm	22	22	22

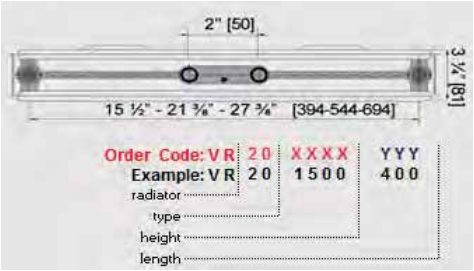
installation

sizes in inches [mm]

- Top connection is possible if the radiator can be switched vertically.

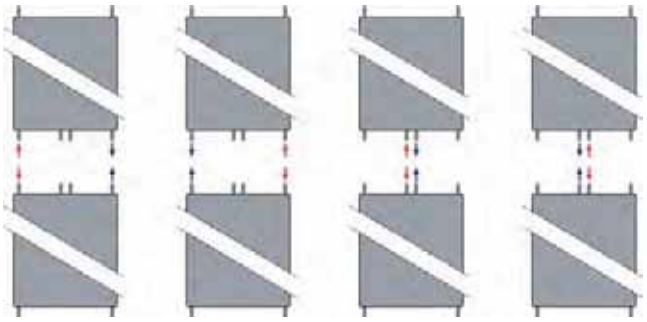
height	mm	1500	1800
	inch	59"	70 ⅞"
volume: gal/ft		1.441	1.440503
volume: L/m		17.89	21.47
weight: lb/ft		39.94	47.93
weight: kg/m		59.44	71.33

50mm (2") Center valve sets w/ thermostat available. See CHAPTER V Radiator Accessories



Vertical			Type 20	
		height mm	1500	1800
		height inch	59"	70 ⅞"
width		n exponent	1.305	1.309
mm	inch			
400	15 ¾"	BTU/hr 200/160/68°F	2930	5262
		Watt ΔT 50°K	384	640
		US$ White	**422.85**	**445.00**
500	19 ⅝"	BTU/hr 200/160/68°F	3924	5558
		Watt ΔT 50°K	384	768
		US$ White	**575.80**	**732.45**
600	23 ⅝"	BTU/hr 200/160/68°F	4696	7407
		Watt ΔT 50°K	512	896
		US$ White	**715.85**	**772.50**

Stock in USA for RAL 9016

Connections

Other connections are not possible.