

PRODUCT FEATURES

Description
Based in Belgium, Henrad is one of the largest panel radiator manufacturers in Europe. Henrad radiators are available in Type 11-single panel, Type 22-double panel and Type 33-triple panel. Sizes are produced in 18 different lengths, from 400 to 3000mm and 6 heights, 300, 400 , 500, 600, 700 and 900mm high.

Material
The material is of the highest quality Automotive steel as used by German car manufacturers, Mercedes, BMW, VW and Audi. The use of Automotive steel, with its higher anti corrosion properties, makes Henrad stand out from the other southern European radiator manufacturers. Throughout the manufacturing process, the material thickness and quality is constantly tested at 1.25mm. The convector fins are directly welded to the waterways to increase the effective heating surface, convector fin 0.4mm.

Pressure test
Prior to painting all the radiators are pressure tested to 1300 kPa. This allows Henrad radiators to have a suitable maximum working pressure of 1000 kPa.

Surface finish
All Henrad radiators are firstly degreased at high temperature, a unique under coat applied, electro coated paint dip which penetrates between all the fins and radiator surfaces. Final coat is a hard wearing epoxy powder coat baked at 200°C. Colour is RAL 9016 white.

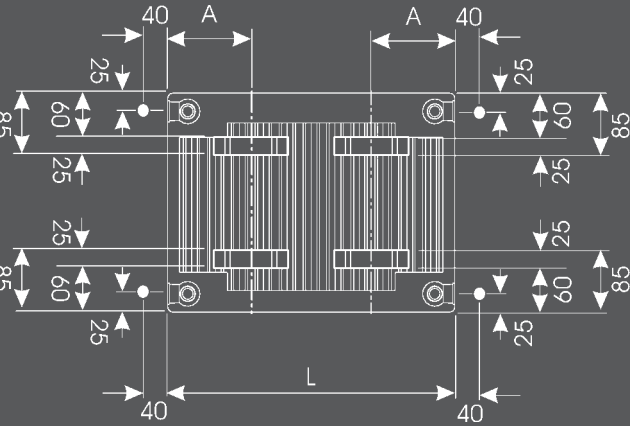
Quality control
Henrad panel radiators are manufactured under the ISO9001.2008 quality system. This guarantees you that the quality of the material used, the measure, the welding process, pressure testing, painting etc. is always at the highest standard. The European standard requires radiators to withstand a salt spray test of 100 hours. Henrad's standards far exceed this norm, with no corrosion evident after 240 hours. In addition, a 400 hour humidity test indicates a markedly higher corrosion resistant product.

Packaging
All radiators are delivered in our standard transportation packaging: including plastic bracket protectors, all wrapped in cardboard and a secure plastic protective shrink wrap covering. When installed only the corners where the valves are installed have to be removed. This gives protection to the radiator until your building project is completed. Note: All packaging must be removed before the panels are heated for the first time.

Accessories
1 x air bleed valve ½" BSP with 'O' ring seal.
1 x Plain plug ½" BSP with 'O' ring seal.
Side covers and top grill on single, double, and triple panels.
Concealed wall mounting brackets with plastic inserts.
Note: Special bathroom pre galvanised Sanirad radiators have no grills.

Connections
4 x ½" BSP

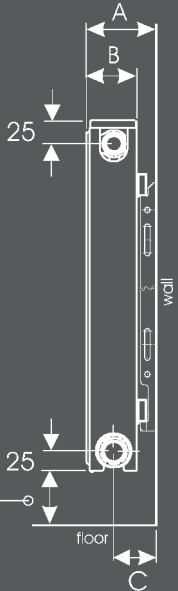
TECHNICAL DRAWINGS



Single Panel		Double & Triple Panel	
TYPE 11		TYPE 22	TYPE 33
L	A	L	A
400	117	400	133
500-1100	150	500-1100	133
1200-1600	283	1200-1600	267
1800-3000	283	1800-3000	267

Measurements shown in millimetres

	A	B	C
TYPE 11	*86 or 102	61	*54 or 70
TYPE 22	*126 or 142	100	*76 or 92
TYPE 33	*184 or 200	158	*76 or 92



100 to 125mm Distance from bottom of panel to finished floor

Note: *A and C dimension depends which side the angle mounting brackets are installed. Pipe centers are based on Giacomini radiator valves

Warranty
25 year warranty is granted on Henrad Compact radiators for all defects caused by faulty materials or manufacturing.
The conditions that apply are:
• Correct installation, no leaks in the system and the system has correct chemical dosing.
• Radiator replacement only, this does not cover site labour fees.



HENRAD RADIATORS



Due to our constant endeavour for improvement, we reserve the right to change product specifications without notice.



SHOWROOM
6 Helen Kob Drive
Braeside Victoria 3195
Ph: (+613) 9588 1299
Fax: (+613) 9588 2199
www.hydroheat.com.au

Made in Belgium by Henrad

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HYDROHEAT
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Compact
Pressed Panel

GENERAL INFORMATION

- Compact panel radiators are available in pressed panel design with vertical ribs.
- Single, double and triple panels.
- 6 Heights 300, 400, 500, 600, 700 and 900mm.
- 18 standard lengths 400 - 3000mm.
- Working pressure 1000kPa.
- Pressure tested up to 1300kPa.
- Powder coated in semi gloss white.
- Top grill and side panel standard on all compact models.
- Sanirad radiators for Bathrooms and Laundry (no top grill or side panels).



Henrad radiators are designed and manufactured in Europe to meet the highest international manufacturing standards ISO9001.2008 and EN442 European radiator standards. This accreditation assures you that the quality of the Henrad radiator is always consistent and will give you many years of quality Hydronic heating.

Henrad radiators, once installed, become just as much a part of your home as do the other fixtures, complementing decorating schemes and furnishings, whilst providing the clean and healthy heating you require.

Compact Pressed panel radiators are available in 18 lengths from 400mm to 3000mm.

All radiators come complete with wall mounting brackets radiator plugs and bleeders.

Free standing feet are available, which means radiators can be mounted just about anywhere.

The rounded corners and edges on the Henrad radiators are child safe and are widely used throughout Australia in homes, hospitals, nursing homes, schools and hostels.



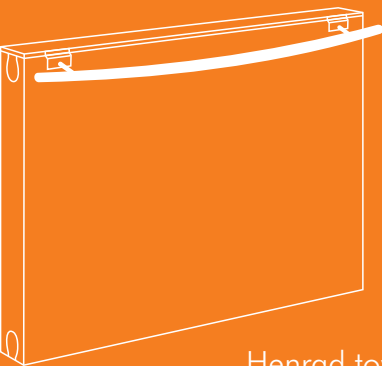
Sanirads are pre galvanised radiators used for wet areas offering superior wet area corrosion resistance.

With a towel rail Sanirads are perfect for bathrooms and laundry areas where humidity and moisture is high.

Please note: Sanirad side panels and top grills are available as an option. Sanirads are available in certain sizes, please consult your installer.



HENRAD ACCESSORIES



Henrad towel hanger

Length (mm)	Model No.
400	T1149
500	T1150
600	T1151
800	T1152
1000	T1153



Henrad mounting feet

Type 11- Single panel - HEAT OUTPUT (Watt)							
Length (mm)	Height	300	400	500	600	700	900
	400	-	343	422	496	565	688
	500	324	429	528	620	707	861
	600	389	515	634	744	848	1033
	700	-	601	739	868	990	1205
	800	518	687	845	992	1131	1377
	900	-	-	951	1116	1272	1549
	1000	648	859	1056	1240	1414	1721
	1100	-	944	1162	1364	1555	1893
	1200	777	1030	1267	1488	1696	2065
	1400	907	1202	1479	1736	1979	2410
	1600	1036	1374	1690	1984	2262	2754
	1800	1166	1546	1901	2233	2545	-
	2000	1295	1717	2112	2481	2827	-
	2200	-	-	2324	2729	-	-
	2400	-	-	2535	2977	-	-
	2600	-	-	2746	-	-	-
	2800	-	-	-	-	-	-
	3000	-	-	-	-	-	-
Weight (kg/m)		9.31	12.78	16.24	19.70	22.90	29.3
Volume (L/m)		1.89	2.34	2.80	3.25	3.77	4.80

Type 22- Double panel - HEAT OUTPUT (Watt)							
Length (mm)	Height	300	400	500	600	700	900
	400	-	635	762	844	1001	1225
	500	625	793	952	1105	1252	1531
	600	750	952	1143	1325	1502	1837
	700	-	1110	1333	1546	1752	2143
	800	1001	1269	1524	1767	2002	2449
	900	-	1428	1714	1988	2253	2755
	1000	1251	1586	1905	2209	2503	3061
	1100	-	1745	2095	2430	2753	3367
	1200	1501	1904	2286	2651	3004	3674
	1400	1751	2221	2666	3093	3504	4286
	1600	2001	2538	3047	3535	4005	4898
	1800	2251	2855	3428	3976	4505	5510
	2000	2501	3173	3809	4418	5006	6123
	2200	2751	3490	4190	4860	5507	6735
	2400	3002	3807	4571	5302	6007	7347
	2600	3252	4125	4952	5744	6508	7959
	2800	3502	4442	5333	6186	7008	8572
	3000	3752	4759	5714	6627	7509	9184
Weight (kg/m)		16.80	22.87	28.93	35.00	40.53	51.60
Volume (L/m)		3.7	4.67	5.63	6.6	7.63	9.70

Type 33- Triple panel - HEAT OUTPUT (Watt)							
Length (mm)	Height	300	400	500	600	700	900
	400	-	-	1046	1216	-	1712
	500	857	1088	1308	1520	1731	2140
	600	1028	1305	1569	1825	2077	2569
	700	-	-	1831	2129	2423	2997
	800	1371	1740	2092	2433	2770	3425
	900	-	1958	2354	2737	3116	3853
	1000	1714	2175	2616	3041	3462	4281
	1100	-	2393	2877	3345	3808	4709
	1200	2057	2610	3139	3649	4154	5137
	1400	2400	3045	3662	4257	4847	5993
	1600	2743	3481	4185	4865	5539	6850
	1800	3085	3916	4708	5474	6232	-
	2000	3428	4351	5231	6082	6924	-
	2200	3771	4786	5754	-	-	-
	2400	4114	-	6277	-	-	-
	2600	4457	-	-	-	-	-
	2800	4799	-	-	-	-	-
	3000	5142	-	-	-	-	-
Weight (kg/m)		25.20	34.30	43.40	52.50	60.77	77.30
Volume (L/m)		5.40	6.87	8.33	9.8	11.37	14.50

All HENRAD outputs are based on EN 442 Delta T, 60 deg. C.