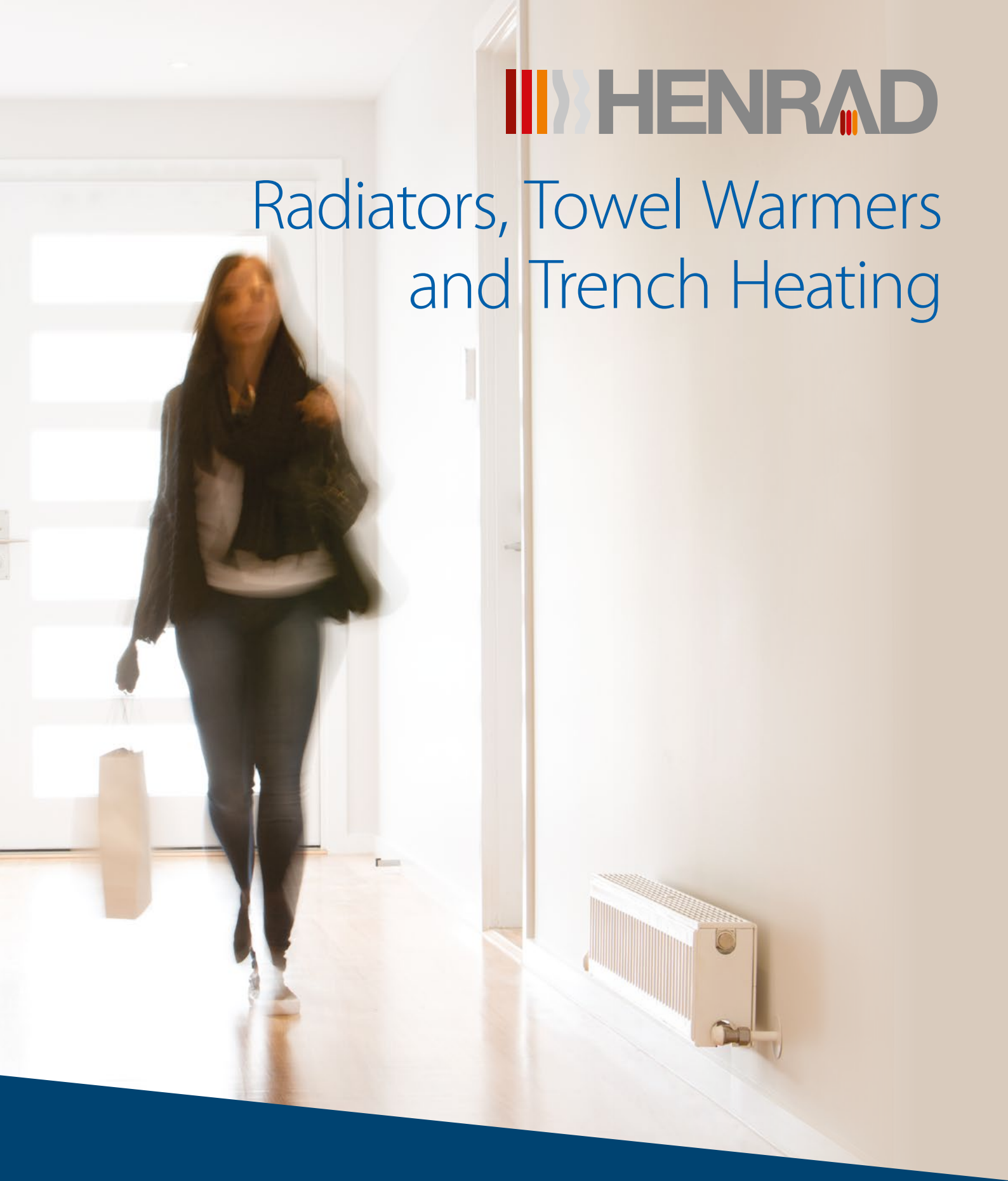
HENRAD

Radiators, Towel Warmers and Trench Heating



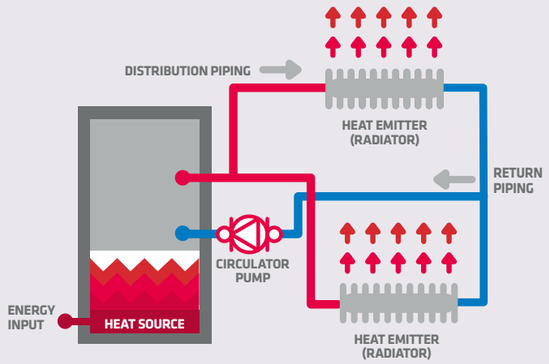
HYDRO HEAT SUPPLIES

QUALITY HYDRONIC HEATING EQUIPMENT

Energy efficient, clean hydronic heating.

Heat done well.

The HydroHeat range of hydronic radiators, towel warmers and trench heaters is one of the most environmental and energy efficient ways to heat your home. Hydronic radiators provide beautiful radiant warmth simply by using natural water as the conduit.
Clean, green and efficient, heat done well.



Typical hydronic heating closed system

The clean way to heat your home

Hydronic heating is beautiful in it's simplicity. The hydronic system simply heats water and moves it through sealed pipes to radiators throughout the home. The sealed system can also be used to heat towel rails, trench heaters, floor slabs and even domestic hot water supply.

Hydronic heating heats water at its source via super energy efficient gas hydronic boilers. Once used the water is returned to be reheated via a reticulating system. Panel radiators operate as 'Heat Emitters' in each room, pushing out natural radiant heat which spreads evenly. The radiators can be individually adjusted to provide ultimate comfort in each room, for instance living areas can be warmer than bedrooms.

Unlike air forced central heating systems there are no airborne particles, providing a totally dust free and allergen free form of safe heating, making it ideal for sufferers of medical conditions such as asthma.

A passion for green warmth

The credentials of hydronic heating as the worlds most efficient and green heating system are genuine.

Hydronic radiators transfer their heat by thermal radiation, reducing air temperature stratification and thus reducing heat loss through ceilings. Maintaining comfort at lower air temperatures when a space is radiantly heated leads to further energy savings. Zoned hydronic radiator systems allow for unoccupied rooms to be kept at lower temperatures, which also lowers heat loss and reduces fuel consumption.

Europe's Leading Brands

HydroHeat import the worlds leading European radiator brands. Europe is the home of hydronic heating and is renowned for quality manufacturing and uncompromising high standards. The ethos of this approach is seen in our exclusive core range of radiators from Henrad which are made from the same high grade anti-corrosive steel as used by luxury vehicle manufacturers. All our brands are backed up with warranty and service support.

HENRAD

IMAS

ISAN

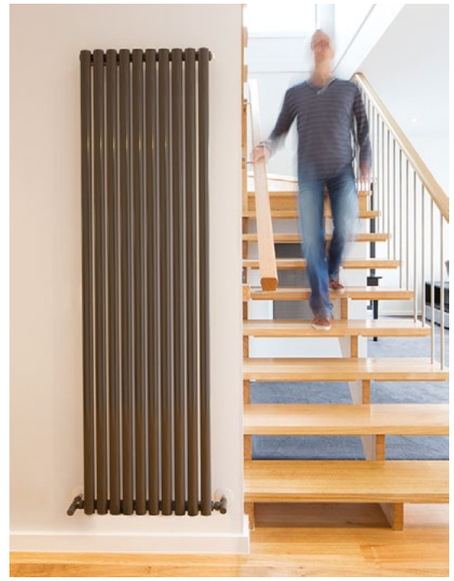
Choose your Radiator Type

Design Your Warmth

Allow your radiator to become part of your home's decor with HydroHeat's range of special order designer radiators and towel warmers.

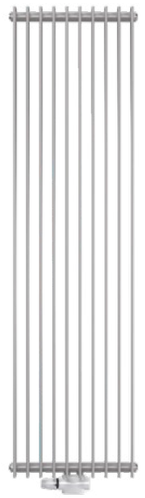
A range of unique Designer Radiators can be special ordered in on request. Let your imagination run wild and allow your radiator to become a feature piece in your home by tailoring a special order to suit the room or interior. Choose from special edition designs ranging from sleek modern minimalist to reproduction antique, then custom colour powder coat to suit your taste.

As one of the largest importers of hydronic heating supplies to Australia HydroHeat regularly ship container loads from Europe which minimizes the delivery time typical of special order products. In addition, shipping costs are amortised into our bulk overseas runs making designer luxury affordable and attainable.

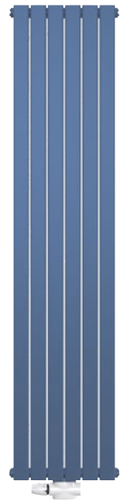


The Henrad premium designer ranges enable you to tailor your design to suit your imagination, with flexibility for any taste. Designer valves and fittings can also be added to complete the look. For the full extent of what's on offer contact HydroHeat for more information, and what options are available for custom colour powder coating.

Henrad Everest Slim Eco



Henrad Verona Slimline



Henrad Verona Vertical

Henrad Alto Slim

Colour Your Warmth

Customise the colour of your radiator to your taste and home decor by powder coating in the shade of your choice. The RAL colour matching system used in Europe is referenced to ensure conformity with colour selections and can be applied to any of the Henrad radiator range with over 100 colours available. Powder coating is done locally in Australia upon delivery.

Dulux Alphatec® Blaze Blue Gloss	Dulux Alphatec® Intensity Leaf	Dulux Alphatec® Flame Red Gloss	Dulux Alphatec® Intensity Summer	Dulux Duralloy® Horizon Blue Gloss	Dulux Alphatec® Yellow Gold Gloss

For more colour info visit **henrad.eu** *RAL / Dulux sample colours shown are indicative only*

Panel Radiators

HENRAD Compact Panel

The Compact radiator is the most popular in the Henrad range. Compact is fully dressed with side panels and a decorative upper grille that seamlessly join the radiator to a high standard of finish to suit any decor. The casing ensures the radiator surface temperature is safe to touch and child friendly.

The Compact range comes in a complete range of single, double or triple panel configurations to suit the heat output required, with stock readily available. A selection of different sizes and specification can be easily chosen to provide a complete home heating solution across multiple rooms as the huge range will fit any interior space, from 400mm to 3000mm wide and six heights up to 900mm.

Features & Benefits

- Made of high quality automotive steel resulting in higher anti corrosion properties
- Available in a range of heights from 300-900mm and widths from 400-3000mm to fit any interior space
- Available in single panel (type 11), double panel (type 21/22), or triple panel (type 33) for varied heat output
- Low temperature radiator covers available for childcare facilities, schools, aged care and hospitals
- Max operating pressure of 10 bar (tested to 13 bar)
- Safe max operating temperature of 110C
- Accreditation to international standard ISO 9002
- 25 Year Supplier's Warranty

Compact Double Panel Type 21

Side panels & upper grille

Suits quality Emmeti & Giacomini valves & connections

25 YEAR WARRANTY

Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available. **See page 3.**

Henrad Compact Heat Outputs

Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C. Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Single Panel Type 11

Depth 61mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	204	270	333	392	447	544
500	255	338	417	490	559	680
600	305	406	500	588	670	816
700	356	473	583	686	782	952
800	407	541	666	784	894	1,088
900	458	608	750	882	1,005	1,224
1000	509	676	833	980	1,117	1,360
1100	560	744	916	1,078	1,229	1,496
1200	611	811	1,000	1,176	1,340	1,632
1400	713	946	1,166	1,372	1,564	1,904
1600	814	1,082	1,333	1,568	1,787	2,176
1800	916	1,217	1,499	1,764	2,011	-
2000	1,018	1,352	1,666	1,960	2,234	-
2200	1,120	1,487	1,833	2,156	-	-
2400	1,222	1,622	1,999	2,352	-	-
2600	1,323	1,758	2,166	2,548	-	-
2800	1,425	1,893	2,332	2,744	-	-
3000	1,527	2,028	2,499	2,940	-	-
Weight (kg)	9.31	12.78	16.24	19.70	22.90	29.30
Volume (Lt)	1.89	2.34	2.80	3.25	3.77	4.80

Double Panel Type 21

Depth 77mm

Length	Height				
mm	**400**	**500**	**600**	**700**	**900**
400	382	461	538	612	753
500	477	577	673	765	942
600	572	692	807	918	1,130
700	668	807	942	1,071	1,318
800	763	922	1,076	1,224	1,506
900	859	1,038	1,211	1,377	1,695
1000	954	1,153	1,345	1,530	1,883
1100	1,049	1,268	1,480	1,683	2,071
1200	1,145	1,384	1,614	1,836	2,260
1400	1,336	1,614	1,883	2,142	2,636
1600	1,526	1,845	2,152	2,448	3,013
1800	1,717	2,075	2,421	2,754	-
2000	1,908	2,306	2,690	3,060	-
2200	2,099	2,537	2,959	-	-
2400	2,290	2,767	3,228	-	-
2600	2,480	2,998	3,497	-	-
2800	2,671	3,228	3,766	-	-
3000	2,862	3,459	4,035	-	-
Weight (kg)	19.46	24.63	29.80	34.50	43.90
Volume (Lt)	4.67	5.63	6.60	7.63	9.70

Double Panel Type 22

Depth 100mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	393	498	598	693	784	958
500	491	623	747	866	981	1,198
600	589	747	896	1,039	1,177	1,437
700	687	872	1,046	1,212	1,373	1,677
800	786	996	1,195	1,386	1,569	1,916
900	884	1,121	1,345	1,559	1,765	2,156
1000	982	1,245	1,494	1,732	1,961	2,395
1100	1,080	1,370	1,643	1,905	2,157	2,635
1200	1,178	1,494	1,793	2,078	2,353	2,874
1400	1,375	1,743	2,092	2,425	2,745	3,353
1600	1,571	1,992	2,390	2,771	3,138	3,832
1800	1,768	2,241	2,689	3,118	3,530	-
2000	1,964	2,490	2,988	3,464	3,922	
2200	2,160	2,739	3,287	3,810	-	-
2400	2,357	2,988	3,586	4,157	-	
2600	2,553	3,237	3,884	4,503	-	-
2800	2,750	3,486	4,183	4,850	-	-
3000	2,946	3,735	4,482	5,196	-	-
Weight (kg)	16.80	22.87	28.93	35.00	40.53	51.60
Volume (Lt)	3.70	4.67	5.63	6.60	7.63	9.70

Triple Panel Type 33

Depth 158mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	540	684	822	956	1,085	1,334
500	675	856	1,028	1,195	1,356	1,667
600	809	1,027	1,234	1,433	1,627	2,000
700	944	1,198	1,439	1,672	1,898	2,334
800	1,079	1,369	1,645	1,911	2,170	2,667
900	1,214	1,540	1,850	2,150	2,441	3,001
1000	1,349	1,711	2,056	2,389	2,712	3,334
1100	1,484	1,882	2,262	2,628	2,983	3,667
1200	1,619	2,053	2,467	2,867	3,254	4,001
1400	1,889	2,395	2,878	3,345	3,797	4,668
1600	2,158	2,738	3,290	3,822	4,339	5,334
1800	2,428	3,080	3,701	4,300	4,882	
2000	2,698	3,422	4,112	4,778	5,424	-
2200	2,968	3,764	4,523	5,256		-
2400	3,238	4,106	4,934	5,734	-	-
2600	3,507	4,449	5,346	6,211	-	-
2800	3,777	4,791	5,757	6,689	-	-
3000	4,047	5,133	6,168	7,167	-	-
Weight (kg)	25.20	34.30	43.40	52.50	60.77	77.30
Volume (Lt)	5.40	6.87	8.33	9.80	11.37	14.50

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Ex-stock subject to prior sales **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

PANEL RADIATORS

HENRAD Premium ECO Panel

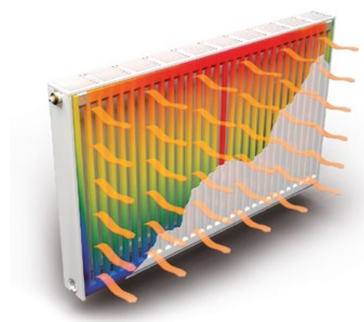
Premium ECO
Double Panel Type 21

The Henrad Premium ECO range is one of the most efficient panel radiators on the market. The Premium ECO features a unique water flow distribution system which directs heated water to the front panel first, enabling the radiator to heat up to 23% faster than a standard panel radiator and maximising available energy.

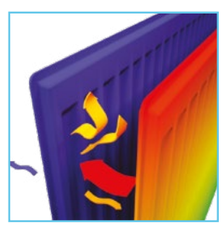
The direct inflow, unique to the Henrad ECO radiator - means the water in the front panel maintains a higher temperature. As a result the radiator emits more radiated heat. This increased warmth still uses the same efficient hydronic system, increasing the overall efficiency whilst lowering energy bills and reducing CO emissions.

Features & Benefits

- Unique Premium ECO greater radiated heat up to 50%
- Higher average surface temperature in the front panel up to 53%
- Heats up to 23% faster, lowers energy bills by up to 12%
- Reduced energy loss / emissions from back panel up to 8.8%
- Pre-set thermostatic valve savings up to 6%
- Optional left or right side valve position
- Fully compatible with renewable energy sources
- Available in single panel (type 11), double panel (type 21/22), or triple panel (type 33) for varied heat output.
- Max operating pressure of 10 bar (tested to 13 bar)
- Safe max operating temperature of 110°C
- Accreditation to international standard ISO 9002
- 25 Year Supplier's Warranty



Unique rapid heat up and greater radiated heat by up to 50%



Higher average surface temperature of up to 53% in the front panel

25 YEAR WARRANTY

Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available.
See page 3.

Henrad Premium ECO Heat Outputs

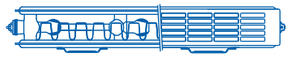
Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C. Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Single Panel Type 11

Depth 61mm

Length	Height					
mm	300	400	500	600	700	900
400	204	270	333	392	447	544
500	255	338	417	490	559	680
600	305	406	500	588	670	816
700	356	473	583	686	782	952
800	407	541	666	784	894	1,088
900	458	608	750	882	1,005	1,224
1000	509	676	833	980	1,117	1,360
1100	560	744	916	1,078	1,229	1,496
1200	611	811	1,000	1,176	1,340	1,632
1400	713	946	1,166	1,372	1,564	1,904
1600	-	1,082	1,333	1,568	1,787	2,176
1800	-	1,217	1,499	1,764	2,011	2,448
2000	-	1,352	1,666	1,960	2,234	2,720
2200	-	-	1,833	2,156	-	-
2400	-	-	1,999	2,352	-	-
Weight (kg)	9.31	12.78	16.24	19.70	22.90	29.30
Volume (Lt)	1.89	2.34	2.80	3.25	3.77	4.80



Double Panel Type 21

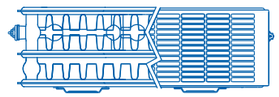
Depth 77mm

Length	Height					
mm	300	400	500	600	700	900
400	298	371	443	515	587	734
500	372	464	554	644	734	918
600	446	556	664	772	880	1,102
700	521	649	775	901	1,027	1,285
800	595	742	886	1,030	1,174	1,469
900	670	834	996	1,158	1,320	1,652
1000	744	927	1,107	1,287	1,467	1,836
1100	818	1,020	1,218	1,416	1,614	2,020
1200	893	1,112	1,328	1,544	1,760	2,203
1400	1,042	1,298	1,550	1,802	2,054	2,570
1600	1,190	1,483	1,771	2,059	2,347	2,938
1800	1,339	1,669	1,993	2,317	2,641	3,305
2000	1,488	1,854	2,214	2,574	2,934	3,672
2200	1,637	2,039	2,435	2,831	-	-
2400	1,786	2,225	2,657	3,089	-	-
Weight (kg)	14.30	18.83	23.37	27.90	32.70	42.30
Volume (Lt)	3.80	4.80	5.80	6.80	7.57	9.10

Double Panel Type 22

Depth 100mm

Length	Height					
mm	300	400	500	600	700	900
400	373	469	560	647	730	888
500	467	587	701	809	912	1,110
600	560	704	841	970	1,094	1,332
700	653	821	981	1,132	1,277	1,554
800	746	938	1,121	1,294	1,459	1,776
900	840	1,056	1,261	1,455	1,642	1,998
1000	933	1,173	1,401	1,617	1,824	2,220
1100	1,026	1,290	1,541	1,779	2,006	2,442
1200	1,120	1,408	1,681	1,940	2,189	2,664
1400	1,306	1,642	1,961	2,264	2,554	3,108
1600	1,493	1,877	2,242	2,587	2,918	3,552
1800	1,679	2,111	2,522	2,911	3,283	3,996
2000	1,866	2,346	2,802	3,234	3,648	4,440
2200	2,053	2,581	3,082	3,557	-	-
2400	2,239	2,815	3,362	3,881	-	-
2600	2,426	3,050	3,643	4,204	-	-
2800	2,612	3,284	3,923	4,528	-	-
3000	2,799	3,519	4,203	4,851	-	-
Weight (kg)	16.50	21.83	27.17	32.50	38.07	49.20
Volume (Lt)	3.70	4.77	5.83	6.90	7.63	9.10



Triple Panel Type 33

Depth 158mm

Length	Height					
mm	300	400	500	600	700	900
400	539	674	803	925	1,043	1,272
500	674	843	1,004	1,157	1,304	1,590
600	808	1,012	1,204	1,388	1,564	1,908
700	943	1,180	1,405	1,619	1,825	2,226
800	1,078	1,349	1,606	1,850	2,086	2,544
900	1,212	1,517	1,806	2,082	2,346	2,862
1000	1,347	1,686	2,007	2,313	2,607	3,180
1100	1,482	1,855	2,208	2,544	2,868	3,498
1200	1,616	2,023	2,408	2,776	3,128	3,816
1400	1,886	2,360	2,810	3,238	3,650	4,452
1600	2,155	2,698	3,211	3,701	4,171	5,088
1800	2,425	3,035	3,613	4,163	4,693	5,724
2000	2,694	3,372	4,014	4,626	5,214	6,360
2200	2,963	3,709	4,415	5,089	-	-
2400	3,233	4,046	4,817	5,551	-	-
2600	3,502	-	-	-	-	-
2800	3,772	-	-	-	-	-
3000	4,041	-	-	-	-	-
Weight (kg)	24.70	32.63	40.57	48.50	57.00	74.00
Volume (Lt)	5.20	6.80	8.40	10.00	11.25	13.75

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

HENRAD Everest Plan & Line Panel

The Everest Plan and Line deco panel range feature a modern and minimalist design approach. The flat fronts and closely fitting upper grille and side panels of the Everest range result in a sleek and timeless design. Everest Plan and Line are decorative radiators that create an atmosphere of light and space with simplicity that blends with modern decors. Everest Plan and Line can be connected either as a valved or as a compact radiator.

Both Plan and Line ranges feature the same efficiency of the Compact range, in a selection of single, double, or triple panel configurations, from 400mm to 3000mm wide and six heights up to 900mm.

Features & Benefits

- Everest panel radiators are available in flat Plan design or horizontal Line design
- Single, double and triple panels
- 6 heights from 300-900mm
- 18 standard lengths 400-3000mm
- Top grille and side panel on all models
- Max operating pressure of 10 bar (tested to 13 bar)
- Safe Max operating temperature of 110°C
- Accreditation to international standard ISO 9002
- 25 Year Supplier's Warranty

Everest Line Type 22
Double Panel

Everest Plan Type 22
Double Panel

Sleek and timeless Plan design grille and side panel

Adjustable Emmeti & Giacomini valves control desired temperature

25 YEAR WARRANTY

Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available.
See page 3.

Henrad Everest Plan Heat Outputs

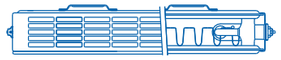
Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C. Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Single Panel Type 11

Depth 63mm

Length	Height				
mm	**400**	**500**	**600**	**700**	**900**
400	-	310	364	-	504
500	313	387	456	519	630
600	376	464	547	623	756
700	438	542	638	-	882
800	501	619	729	830	1,008
900	563	697	820	-	1,134
1000	626	774	911	1,038	1,260
1100	689	-	1,002	-	1,386
1200	751	929	1,093	-	1,512
1400	876	1,084	1,275	-	1,764
1600	1,002	1,238	1,458	-	2,016
1800	1,127	1,393	1,640	-	2,268
2000	1,252	1,548	1,822	-	-
Weight (kg)	16.13	20.39	24.65	28.94	37.43
Volume (Lt)	2.34	2.80	3.25	3.77	4.80



Double Panel Type 21

Depth 79mm

Length	Height			
mm	**500**	**600**	**700**	**900**
400	-	491	-	-
500	531	614	694	845
600	637	736	832	1,014
700	743	859	971	1,183
800	850	982	1,110	1,352
900	956	1,104	1,248	1,521
1000	1,062	1,227	1,387	1,690
1100	-	1,350	-	-
1200	1,274	1,472	-	2,028
1400	1,487	1,718	-	2,366
1600	1,699	1,963	-	-
1800	1,912	2,209	-	-
2000	2,124	2,454	-	-
2200	-	2,699	-	-
2400	-	2,945	-	-
Weight (kg)	28.89	34.90	40.91	52.94
Volume (Lt)	5.63	6.60	7.63	9.70

Double Panel Type 22

Depth 102mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	-	-	564	654	-	900
500	-	589	706	817	924	1,126
600	-	706	847	980	1,109	1,351
700	-	824	988	1,144	1,294	1,576
800	743	942	1,129	1,307	1,478	1,801
900	836	1,059	1,270	1,471	1,663	2,026
1000	929	1,177	1,411	1,634	1,848	2,251
1100	-	-	1,552	1,797	-	2,476
1200	1,115	1,412	1,693	1,961	-	2,701
1400	1,301	1,648	1,975	2,288	-	3,151
1600	1,486	1,883	2,258	2,614	-	3,602
1800	1,672	2,119	2,540	2,941	-	4,052
2000	1,858	2,354	2,822	3,268	-	-
2200	2,044	2,589	3,104	3,595	-	-
2400	2,230	2,825	3,386	3,922	-	-
2600	2,415	3,060	3,669	4,248	-	-
2800	2,601	3,296	3,951	4,575	-	-
3000	2,787	3,531	4,233	4,902	-	-
Weight (kg)	19.60	26.40	33.20	40.00	46.80	60.40
Volume (Lt)	3.70	4.67	5.63	6.60	7.63	9.70

Triple Panel Type 33

Depth 160mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	-	-	807	933	-	1,290
500	-	-	1,009	1,166	1,319	1,613
600	-	-	1,210	1,399	1,582	1,935
700	-	-	1,412	1,632	1,846	2,258
800	1,077	1,352	1,614	1,866	2,110	2,580
900	1,211	1,521	1,815	2,099	2,373	2,903
1000	1,346	1,690	2,017	2,332	2,637	3,225
1100	-	-	2,219	2,565	-	3,548
1200	1,615	2,028	2,420	2,798	-	3,870
1400	1,884	2,366	2,824	3,265	-	4,515
1600	2,154	2,704	3,227	3,731	-	-
1800	2,423	3,042	3,631	4,198	-	-
2000	2,692	3,380	4,034	4,664	-	-
2200	2,961	3,718	4,437	5,130	-	-
2400	3,230	4,056	-	5,597	-	-
2600	3,500	4,394	-	-	-	-
2800	3,769	4,732	-	-	-	-
3000	4,038	5,070	-	-	-	-
Weight (kg)	28.00	38.13	48.27	58.40	68.53	88.80
Volume (Lt)	5.40	6.87	8.33	9.80	11.37	14.50

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

Henrad Everest Line Heat Outputs

Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C. Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Single Panel Type 11

Depth 63mm

Length	Height				
mm	**400**	**500**	**600**	**700**	**900**
400	-	-	-	-	-
500	307	373	435	494	600
600	368	448	522	592	720
700	430	522	609	691	840
800	491	597	696	790	960
900	553	671	783	888	1,080
1000	614	746	870	987	1,200
1100	-	-	-	-	-
1200	737	895	1,044	1,184	1,440
1400	860	1,044	1,218	1,382	-
1600	982	1,194	1,392	1,579	-
1800	-	-	-	-	-
2000	1,228	1,492	1,740	-	-
Weight (kg)	16.2	20.23	24.27	28.30	35.90
Volume (L/t)	2.30	2.77	3.23	3.70	4.50

Double Panel Type 21

Depth 79mm

Length	Height				
mm	**500**	**600**	**700**	**900**
400	-	-	-	-
500	519	598	675	825
600	623	718	810	989
700	727	837	945	1,154
800	830	957	1,080	1,319
900	934	1,076	1,215	1,484
1000	1,038	1,196	1,350	1,649
1100	-	-	-	-
1200	1,246	1,435	1,620	1,979
1400	1,453	1,674	1,890	-
1600	1,661	1,914	2,160	-
1800	-	-	-	-
2000	2,076	2,392	-	-
Weight (kg)	28.00	33.60	39.20	50.60
Volume (Lt)	5.20	6.25	7.30	9.00

Double Panel Type 22

Depth 102mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	-	-	-	-	-	-
500	449	577	694	801	898	1,066
600	-	692	833	961	1,078	1,279
700	-	807	972	1,121	1,257	1,492
800	-	922	1,110	1,281	1,437	1,706
900	-	1,038	1,249	1,441	1,616	1,919
1000	898	1,153	1,388	1,601	1,796	2,132
1100	-	-	-	-	-	-
1200	-	1,384	1,666	1,921	2,155	2,558
1400	1,257	1,614	1,943	2,241	2,514	-
1600	-	1,845	2,221	2,562	2,874	-
1800	-	-	-	-	-	-
2000	1,796	2,306	2,776	3,202	-	-
Weight (kg)	19.30	25.67	32.03	38.40	44.70	57.30
Volume (Lt)	3.10	4.13	5.17	6.20	7.03	8.70

Triple Panel Type 33

Depth 160mm

Length	Height					
mm	**300**	**400**	**500**	**600**	**700**	**900**
400	-	-	-	-	-	-
500	644	825	990	1,140	1,277	1,511
600	-	989	1,187	1,368	1,532	1,813
700	-	1,154	1,385	1,596	1,787	2,115
800	-	1,319	1,583	1,824	2,042	2,418
900	-	1,484	1,781	2,052	2,298	2,720
1000	1,287	1,649	1,979	2,280	2,553	3,022
1100	-	-	-	-	-	-
1200	-	1,979	2,375	2,736	3,064	3,626
1400	1,802	2,309	2,771	3,192	3,574	-
1600	-	2,638	3,166	3,648	4,085	-
1800	-	-	-	-	-	-
2000	2,574	3,298	3,958	4,560	-	-
Weight (kg)	27.60	36.63	45.67	54.70	63.60	81.40
Volume (Lt)	5.40	6.63	7.87	9.10	10.63	13.70

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

Vertical Radiators

HENRAD

Alto Vertical Compact, Plan & Line

You only have limited space to fit a radiator? The ALTO vertical radiator range takes up a minimum of wall space with its narrow footprint, and is ideal for optimally heating a room or space such as the kitchen, lounge, bathroom or entrance hall.

Vertical radiators are suitable for use in apartments and open plan layouts where wall space is at a premium and must be efficiently used. Choose from Alto Compact, Line or Plan casings to suit your style.

The Alto Compact offers all the premium features with a versatile presence that adapts to any home, whereas the Alto Plan and Line ranges add a sleek and decorative appearance and are perfect for applications where a modern decor is desirable.

Alto Compact Type 21 Double Panel

Alto Plan Type 21 Double Panel

Alto Line Type 21 Double Panel

Features & Benefits

- Made of high quality automotive steel resulting in higher anti corrosion properties
- Vertical format makes the Alto range ideal for smaller spaces and apartments
- Available in a range of heights from 1600-2200mm and 5 widths from 300-700mm
- Towel rail can be added as additional bathroom accessory
- Max operating pressure of 10 bar (tested to 13 bar)
- Safe Max operating temperature of 110°C
- Accreditation to international standard ISO 9002
- 25 Year Supplier's Warranty

Made from high quality automotive steel

Towel rail attachments available

25 YEAR WARRANTY

Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available.
See page 3.

Henrad Alto Compact Heat Outputs

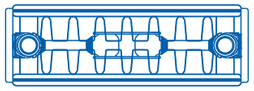
Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.
Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Double Panel Type 21

Depth 77mm

Length	Height			
mm	**1600**	**1800**	**2000**	**2200**
300	909	999	1,080	1,161
400	1,212	1,332	1,440	1,548
500	1,515	1,665	1,800	1,935
600	1,818	1,998	2,160	2,322
700	2,121	2,331	2,520	2,709
Weight (kg)	71.10	80.10	89.10	98.40
Volume (Lt)	14.10	16.50	18.60	20.10



Double Panel Type 22

Depth 100mm

Length	Height			
mm	**1600**	**1800**	**2000**	**2200**
300	1,089	1,188	1,287	1,386
400	1,452	1,584	1,716	1,848
500	1,815	1,980	2,145	2,310
600	2,178	2,376	2,574	2,772
700	2,541	2,772	3,003	3,234
Weight (kg)	80.70	88.80	96.60	108.90
Volume (Lt)	14.10	16.20	18.00	20.10

Henrad Alto Plan & Line Heat Outputs

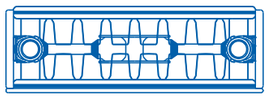
Use these heat output guides to configure radiators to your available wall space & calculate heat outputs to suit each room area. Single Panel type radiators are ideal for heating small spaces or rooms, whereas Double and Triple Panel types have greater heat output to suit larger areas or areas with high ceilings. To further assist an online heat calculator is available at **hydroheat.com.au**

Outputs shown in WATTS based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.
Use EN442 Standard for correct heat output, calculating with higher temperatures will give a false inflated heat output.

Double Panel Type 21

Depth 79mm

Length	Height			
mm	**1600**	**1800**	**2000**	**2200**
300	842	918	981	1,053
400	1,123	1,224	1,308	1,404
500	1,404	1,530	1,635	1,755
600	1,685	1,836	1,962	2,106
700	1,966	2,142	2,289	2,457
Weight (kg)	85.80	96.00	106.20	116.40
Volume (Lt)	14.10	15.90	17.70	20.10



Double Panel Type 22

Depth 102mm

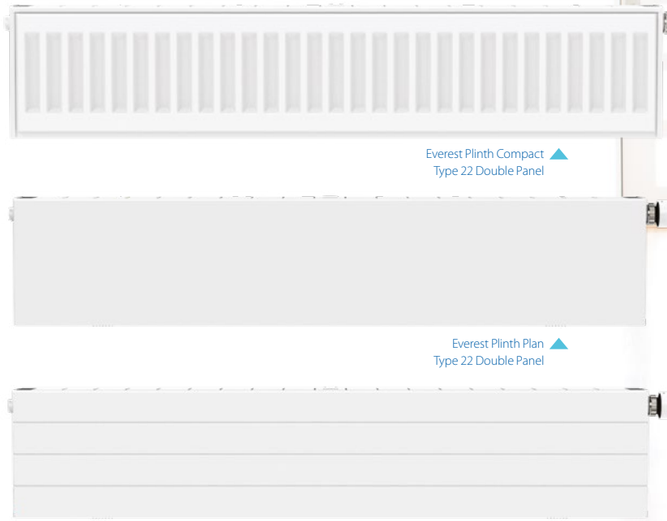
Length	Height			
mm	**1600**	**1800**	**2000**	**2200**
300	1,026	1,107	1,188	1,269
400	1,368	1,476	1,584	1,692
500	1,710	1,845	1,980	2,115
600	2,052	2,214	2,376	2,538
700	2,394	2,583	2,772	2,961
Weight (kg)	94.20	105.30	116.40	126.60
Volume (Lt)	14.10	15.90	17.70	20.10

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

Plinth Radiators

HENRAD

Plinth Compact, Plan & Line



Everest Plinth Compact
Type 22 Double Panel

Everest Plinth Plan
Type 22 Double Panel

Everest Plinth Line
Type 22 Double Panel

The Plinth radiator range is a perfect solution for locations where vertical space is limited but maximum warmth is still required with nominal height intrusion. Henrad are the only plinth radiator range in Australia available in 200mm height.

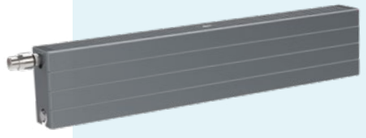
Spaces with large floor to ceiling windows, shop windows, benches, alfresco winter gardens and offices are ideally suited to plinth radiators. They can be used to create cosy curtains blocking cold air close to windows or used as free standing room dividers behind couches or furniture. Compact Plinth comes in the standard ribbed finish, whereas Plan & Line Plinths are available in single faced models designed for use against walls with the decor facing outwards or double faced for use in applications where the radiator is viewed from both sides.

With a completely flat front, decorative upper grille and side panels the Plan & Line Plinth radiator ranges add a sleek and stylish finish. Moreover all Plinth radiators can be connected either as valved or as a compact radiators.

Features & Benefits

- Super compact 200mm height makes Henrad Plinths ideal for installation in front of windows, or below sills & benches
- Used under windows creates a warm air curtain to prevent cold air entering
- Plan and Line finishes with stylish front, upper grille and side panels
- Available in nine widths from 1000 to 2600mm
- Thermostatic valve insert is factory set in relation to the size of the radiator, allowing optimum heat throughout in the radiator
- Comes with pre-set Heimeier valve insert, air vent and blind plugs
- Double, Triple or Quad panel configuration to maximise heat output
- Max operating pressure of 10 bar (tested to 13 bar)
- Safe max operating temperature of 110°C
- Conformity to European standard EN442
- 25 Year Supplier's Warranty

25 YEAR WARRANTY

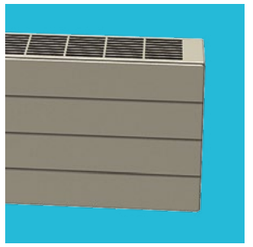


Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available.
See page 3.

Ideal where minimal height intrusion required

Popular Compact range provides optimal heat



Plinth Line fascia suits modern home decor

Quality Emmeti & Giacomini valves and fittings

Henrad Compact Plinth Heat Outputs

The Compact Plinth range provides optimal heat, at a minimum height of only 200mm. These low radiators are ideally suited for spaces with floor to ceiling windows, shop windows, or under window sills or benches. Use the dimensions guide and online radiator calculator at **hydroheat.com.au** to help calculate your heating requirements.

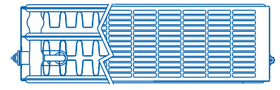
The versatile Compact range is available in Double, Triple or Quad Panel configuration to maximise heat output form the compact height. All radiator heat outputs shown in WATTS. Based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.

Double Panel Type 22

Depth 100mm

Length mm	Output W
1000	651
1200	781
1400	911
1600	1,042
1800	1,172
2000	1,302
2200	1,432
2400	1,562
2600	1,693
Weight (kg)	9.67
Volume (Lt)	2.83

All Plinths 200mm height

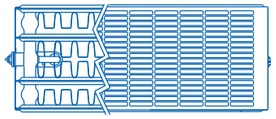


Triple Panel Type 33

Depth 158mm

Length mm	Output W
1000	933
1200	1,120
1400	1,306
1600	1,493
1800	1,679
2000	1,866
2200	2,053
2400	2,239
2600	2,426
Weight (kg)	15.40
Volume (Lt)	4.20

All Plinths 200mm height



Quad Panel Type 44

Depth 216mm

Length mm	Output W
1000	1,212
1200	1,454
1400	1,697
1600	1,939
1800	2,182
2000	2,424
2200	2,666
2400	2,909
2600	3,151
Weight (kg)	20.80
Volume (Lt)	5.60

All Plinths 200mm height

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

Henrad Plan & Line Plinth Heat Outputs

The Plan and Line range adds a styled finish to your plinth radiator, still providing optimal heat at a minimum height. Use the dimensions guide and online radiator calculator at **hydroheat.com.au** to help calculate your heating requirements.

Available in Single Face for use against walls (finish applied to one side only), or Double Face for applications where radiator will be viewed from both sides. Both types available in Double, Triple or Quad Panel configuration. All radiator heat outputs shown in WATTS. Based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.

Single Faced - Double Panel Type 22

Depth 102mm

Length mm	Output W
1000	611
1200	733
1400	855
1600	978
1800	1,100
2000	1,222
2200	1,344
2400	1,466
2600	1,589
Weight (kg)	12.30
Volume (Lt)	2.80

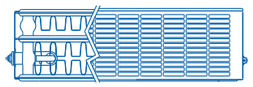
All Plinths 200mm height

Double Faced - Double Panel Type 22

Depth 104mm

Length mm	Output W
1000	576
1200	691
1400	806
1600	922
1800	1,037
2000	1,152
2200	1,267
2400	1,382
2600	1,498
Weight (kg)	13.50
Volume (Lt)	2.80

All Plinths 200mm height



Single Faced - Triple Panel Type 33

Depth 160mm

Length mm	Output W
1000	918
1200	1,102
1400	1,285
1600	1,469
1800	1,652
2000	1,836
2200	2,020
2400	2,203
2600	2,387
Weight (kg)	17.60
Volume (Lt)	4.20

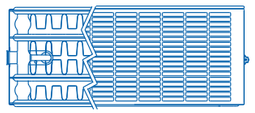
All Plinths 200mm height

Double Faced - Triple Panel Type 33

Depth 162mm

Length mm	Output W
1000	906
1200	1,087
1400	1,268
1600	1,450
1800	1,631
2000	1,812
2200	1,993
2400	2,174
2600	2,356
Weight (kg)	19.30
Volume (Lt)	4.20

All Plinths 200mm height

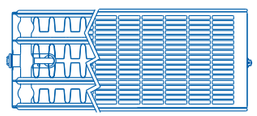


Single Faced - Quad Panel Type 44

Depth 218mm

Length mm	Output W
1000	1,197
1200	1,436
1400	1,676
1600	1,915
1800	2,155
2000	2,394
2200	2,633
2400	2,873
2600	3,112
Weight (kg)	20.00
Volume (Lt)	5.60

All Plinths 200mm height



Double Faced - Quad Panel Type 44

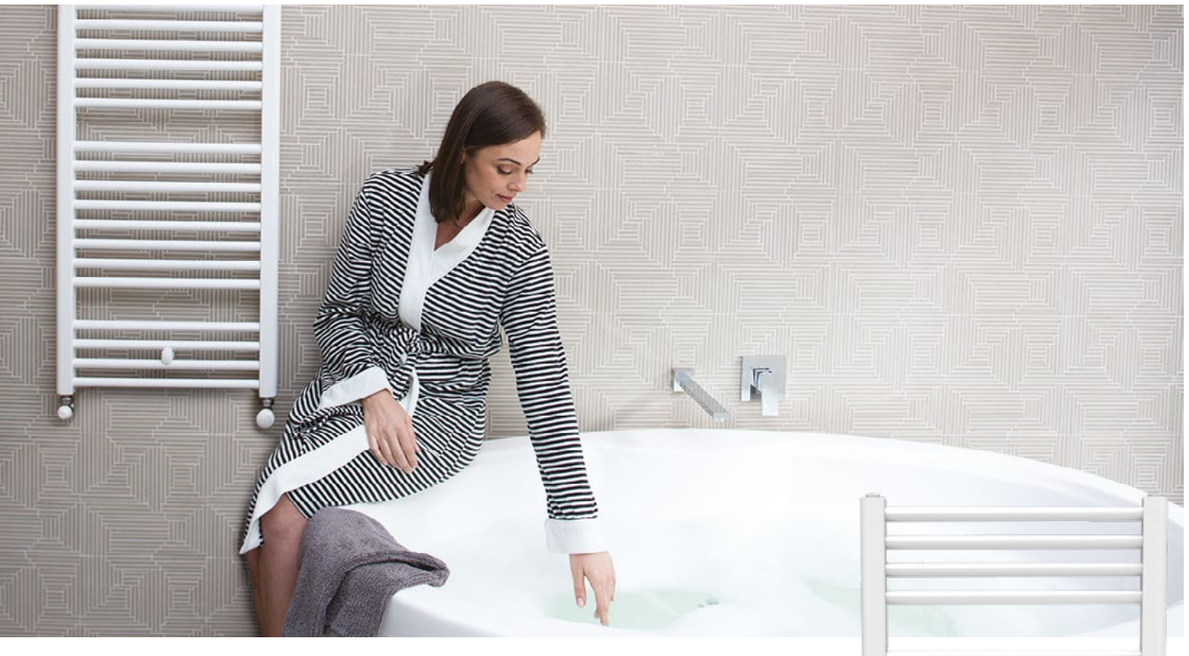
Depth 220mm

Length mm	Output W
1000	1,181
1200	1,417
1400	1,653
1600	1,890
1800	2,126
2000	2,362
2200	2,598
2400	2,834
2600	3,071
Weight (kg)	24.60
Volume (Lt)	5.60

All Plinths 200mm height

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Please check prior to ordering **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

HENRAD Oceanus Towel Warmer



The Henrad Oceanus bathroom towel warmer radiator blends in with simplicity and symmetry with elegant, round tubes and D-shaped collectors. The Oceanus comes in a powder coated white finish or can be custom coated to the colour of your choice. Available in 3 heights and 3 widths and can also be used as a dividing feature.

Features & Benefits

- Comes in three heights and three widths to suit any size bathroom
- Powder coated RAL white finish, or can be custom coloured to choice
- Wall mounting brackets, air vent included
- Optional electric elements available for towel warming in summer
- Max operating pressure of 10 bar, 1000kPa (tested to 13 bar, 1300kPa)
- Safe max operating temperature of 95°C
- Accreditation to international standard ISO 9002
- Made in the Netherlands by Henrad
- 5 Year Supplier's Warranty

Oceanus Towel Warmer

Henrad Oceanus Heat Outputs

775mm High

Width (mm)	495	585	737
Output (W)	367	425	520
Weight (kg)	6.00	6.89	8.40
Volume (Lt)	3.60	4.01	4.70

1181mm High

Width (mm)	495	585	737
Output (W)	541	627	768
Weight (kg)	9.00	10.23	12.30
Volume (Lt)	5.40	6.03	7.10

1763mm High

Width (mm)	495	585	737
Output (W)	807	934	1,145
Weight (kg)	13.40	15.26	18.40
Volume (Lt)	7.99	8.94	10.55

Colour Your Warmth

Customise your radiator to suit your decor with colour powder coating. Over 100 custom colours available.
See page 3.

5 YEAR WARRANTY

Towel Warmer heat outputs shown in WATTS. Based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Ex-stock subject to prior sales **Accreditation:** ISO 9002 **Outputs:** In accordance with EN442

NUOVA IMAS San Remo Towel Warmer

The IMAS San Remo chrome plated towel warmer comes in 4 different heights and 3 different widths with the highest quality chrome plated finish. Since 1960, Italian Nuova IMAS has manufactured quality chrome plated towel warmers. HydroHeat import a selection of IMAS towel warmers to compliment our Henrad powder coated steel range.

Features & Benefits

- Comes in four heights and three widths to suit any size bathroom
- Stylish chrome plated finish
- Wall mounting brackets, air vent included
- Optional electric elements available for towel warming in summer
- Max operating pressure of 6 bar, 600kPa (tested at 6 bar, 600kPa)
- Safe max operating temperature of 90°C
- Accreditation to international standard ISO 9002
- Made in Italy by IMAS
- 1 Year Supplier's Warranty

San Remo Towel Warmer

Imas San Remo Heat Outputs

690mm High

Width (mm)	500	600
Output (W)	273	314
Weight (kg)	6.70	7.80
Volume (Lt)	3.00	3.50

1110mm High

Width(mm)	500	600
Output (W)	415	486
Weight (kg)	10.10	11.40
Volume (Lt)	5.50	6.50

1430mm High

Width (mm)	500	600
Output (W)	544	637
Weight (kg)	12.30	14.00
Volume (Lt)	6.50	7.50

1700mm High

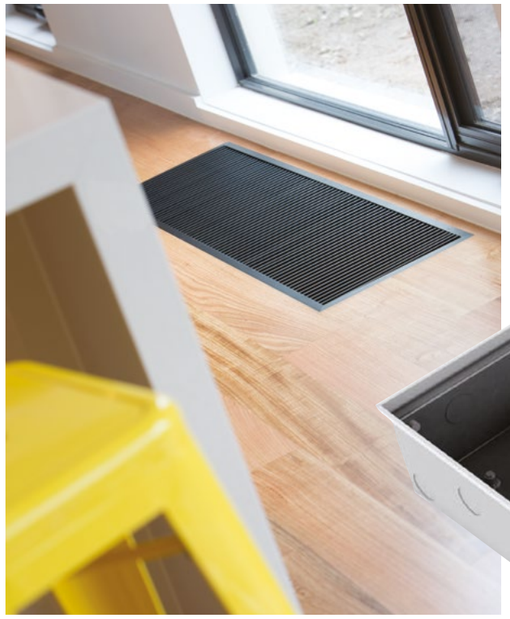
Width (mm)	500	600	750
Output (W)	652	764	930
Weight (kg)	16.90	20.00	23.30
Volume (Lt)	8.20	9.70	11.30

Towel Warmer heat outputs shown in WATTS. Based on EN442 Inlet Temp 80°C / Outlet Temp 60°C / Room Temp 20°C.

For further specification and installation requirements visit **hydroheat.com.au**
Availability: Ex-stock subject to prior sales **Rated Outputs:** In accordance with EN442

Trench Heating

ISAN TERMO Trench Convectors



Lamellar Heat Exchanger with fan assisted convection.

ISAN Termo trench convector radiators are ideal when limited wall space or large window expanses require a heat source emitting from the floor. Trench heating also suits a minimalist aesthetic where no wall fittings are desired.

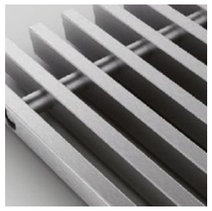
Termo trench heaters are extremely energy efficient, with safe 24V DC operating voltage, energy saving fans and galvanised steel convector tanks. The Lamellar heat exchanger aids rapid heat exchange and a power supply is placed in the trench heater which converts the mains 230V AC to a safe voltage of 24V DC. Extensive variability of lengths, heat outputs and a selection of grille styles in wood, aluminium or stainless steel are available.

Operating Voltage	24 VOLTAGE
Lamellar Heat Exchanger	
Fan Assisted	
Natural Convection	

Features & Benefits

- 24V DC safe low voltage
- 24V Power Supply converts mains 230V
- Lamellar Al-Cu heat exchanger
- Energy saving convection by tangential fans
- Low power consumption, high efficiency
- Galvanised steel convector tank
- Range of designer grilles
- Suits residential and commercial use
- Variable lengths available from 700 - 4800mm

A range of grille options in wood, aluminium or stainless steel.



Termo Trench Specification

700mm - 4800mm Lengths

Widths	200mm - 250mm
Height	90mm
Max Temp	110ºC
Max Pressure	10 Bar

All Trenches are 90mm height

24V Power Supply converts mains 230V to 24V operation

Roll up or linear style grilles available

For Trench Heating information visit **hydroheat.com.au** or call **(03) 9588 1299**
Availability: On order **Rated Outputs:** In accordance with EN442

HYDRO HEAT SUPPLIES

Hydroheat Supplies Pty. Ltd.
6 Helen Kob Drive
Braeside, Victoria 3195
Phone: (03) 9588 1299
Email: info@hydroheat.com.au
Web: hydroheat.com.au

Available from

*For more details on the HydroHeat product range call **03 9588 1299** or visit **hydroheat.com.au***

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