

# Vetta

aluminium  
radiators



# Vetta

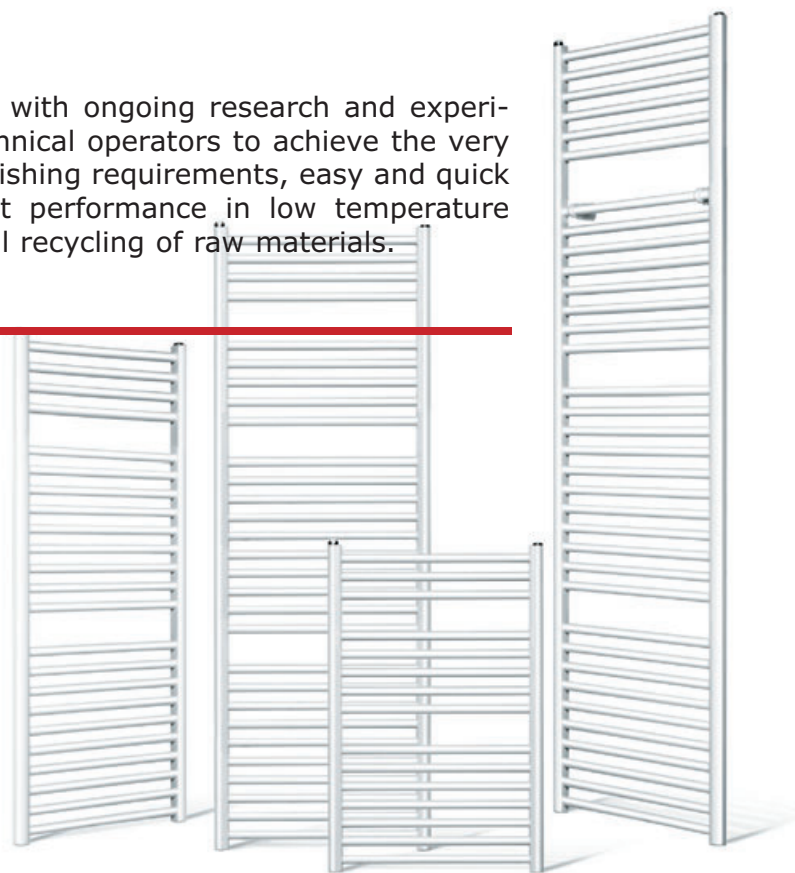
Design rewards spontaneity and everyday practicality. This product is made entirely of aluminium making it outstandingly lightweight and flexible to use, meeting all the expected requirements of a constantly evolving market.



Extensive experience in processing combined with ongoing research and experimentation allow designers, engineers and technical operators to achieve the very best: a variety of different sizes in suit all furnishing requirements, easy and quick installation, reliability and durability, efficient performance in low temperature systems, respect of the environment with total recycling of raw materials.

## *patented aluminium* towel warming radiator

- *No risk of rust*
- *The towel warming radiator is designed to operate at a maximum working pressure of 50 bar*



GLOBAL radiators have a two year guarantee starting from the date of manufacture. This guarantee covers the replacement of those elements that because of manufacturing or material defects are not usable, but only on condition that installation has been executed in compliance with suitable regulations and correct installation.



Model		Dimensions in mm				ø connec- tion	n. pipes	n. spaces	empty weight Kg ca.	contents in water in litres	Heat output EN 442		Exponent n.	Coefficient Km
		A total height	B length	C depth	D pipe centres						ΔT 50°C			
											Watt	*Kcal/h		
Vetta	800/450	800	475	27	450	1/2"	15	2	3,30	2,50	338	292	1,22716	2,77582
Vetta	800/500	800	525	27	500	1/2"	15	2	3,43	2,74	367	317	1,22424	3,05641
Vetta	800/550	800	575	27	550	1/2"	15	2	3,57	2,97	397	343	1,22132	3,34325
Vetta	1200/450	1200	475	27	450	1/2"	23	2	5,20	3,70	513	443	1,22441	4,26571
Vetta	1200/500	1200	525	27	500	1/2"	23	2	5,40	4,06	558	482	1,22501	4,63012
Vetta	1200/550	1200	575	27	550	1/2"	23	2	5,61	4,42	603	520	1,22560	4,99305
Vetta	1500/450	1500	475	27	450	1/2"	29	3	6,20	4,70	647	558	1,24227	5,01647
Vetta	1500/500	1500	525	27	500	1/2"	29	3	6,46	5,16	703	607	1,24562	5,37939
Vetta	1500/550	1500	575	27	550	1/2"	29	3	6,72	5,61	759	655	1,24897	5,73207
Vetta	1800/450	1800	475	27	450	1/2"	35	3	7,90	5,80	783	676	1,26013	5,65986
Vetta	1800/500	1800	525	27	500	1/2"	35	3	8,21	6,35	849	733	1,26624	5,99315
Vetta	1800/550	1800	575	27	550	1/2"	35	3	8,52	6,90	915	790	1,27234	6,30783

\* 1 Watt = 0,863 Kcal/h

The heat output is certified by the Institute of engineering "Politecnico" in Milano according to the norm EN 442.



### Example for a different ΔT from ΔT 50° C

If you need to know a radiator heat output (P) with different ΔT from ΔT 50° C, use the following characteristic equation:  $P = Km \cdot \Delta T^n$

Example for the 800/450 model with ΔT= 60° C

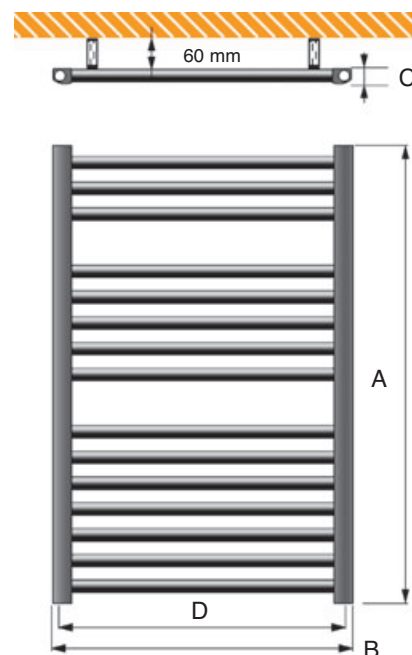
$$P = 2,77582 \cdot 60^{1,22716} = 422 \text{ Watt}$$

### Example of heat output readings with different ΔT from ΔT 50° C

Model	ΔT 20°C	ΔT 25°C	ΔT 30°C	ΔT 35°C	ΔT 40°C	ΔT 45°C	ΔT 50°C	ΔT 55°C	ΔT 60°C
Vetta 800/450	110	144	180	218	257	297	338	379	422
Vetta 800/500	120	157	197	237	280	323	367	413	459
Vetta 800/550	130	170	213	257	303	349	397	446	496
Vetta 1200/450	167	220	275	332	390	451	513	577	641
Vetta 1200/500	182	239	299	361	425	491	558	627	698
Vetta 1200/550	196	258	323	390	459	530	603	678	755
Vetta 1500/450	207	274	343	415	490	568	647	728	812
Vetta 1500/500	225	297	372	451	532	617	703	792	882
Vetta 1500/550	242	319	401	486	574	665	759	855	953
Vetta 1800/450	247	327	411	499	591	686	783	883	985
Vetta 1800/500	266	353	445	541	640	743	849	958	1070
Vetta 1800/550	285	379	478	581	689	800	915	1033	1154

## correct installation

- The Vetta radiators can be used in all hot water or vapour heating installations up to 110° C with a working pressure of up to 1,600 K Pascal - 16 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- In order to protect the heating system against rust and corrosion, it is highly recommended to check the pH level of the water used (preferably between 6.5 and 8) and to introduce a suitable inhibitive additive, Cillit-HS 23 Al or similar, in a quantity equal to 1 litre to every 200 litres of water circulating in the system.
- We recommend the installation of automatic or manual air vent valves for radiators to ensure maximum efficiency.
- The interceptor valves should not be closed completely in order to prevent excessive pressure from building up in the system. It is recommended to install automatic air vent valves on each radiator if it is necessary to isolate one or more radiators from the circuit.
- To ensure lasting protection of the radiators, they should not be stored or installed in humid or damp environments. Paint bubbles on even small parts of the radiator could cause the aluminium to oxidise and the entire painted surface to flake away.
- It is advisable not to use abrasive products when cleaning the radiator surface.
- **Given their particular functions the foreseen thermal output is achieved by using the brackets and plugs included in the pack during the installation phase.**



# accessories



31 - White wall bracket for Vetta models

32 - Chrome wall bracket for Vetta models



41 - 1/2" white manual air vent valve



18 - Cillit-HS 23 Combi liquid



11 - 1/2" white plug

11 - 1/2" chrome plug



42 - 1/2" chrome automatic air vent valve



38 - 1/2" chrome manual air vent valve



19 - Wrench



10 - White or special colors spray paint



242 - White hanging peg for Vetta radiators

243 - Chrome hanging peg for Vetta radiators



17 - White marker RAL 9010

## standard colour | special colours see colour card

cod. 10 white RAL 9010	cod. 11 matt white RAL 9016	cod. 01 oyster white RAL 1013	cod. 05 beige sparkle 2589	cod. 06 quartz sparkle 2921	cod. 07 dark gray 2748	cod. 08 silver gray 2676	cod. 09 oxide brown 3112
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