



and FINISHING PHASES

phase 4	phase 5
SECTION AFTER FIRST PAINTING STAGE MADE BY ANAPHORESIS	SECTION AFTER SECOND PAINTING STAGE



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Die cast aluminium radiators for high pressure heating systems



EN

PAINTING

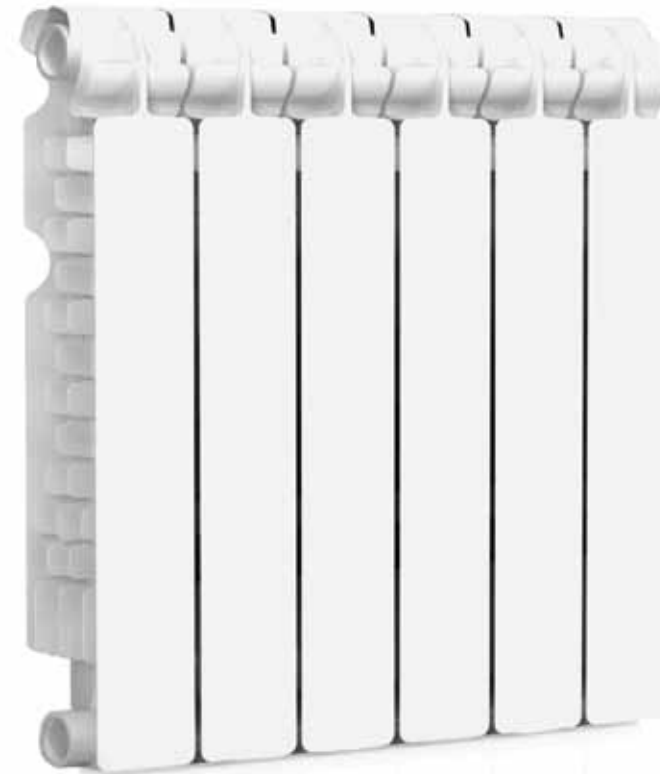
phase 1	phase 2	phase 3
UNMACHINED SECTION	MACHINED SECTION	WASHING AND CHEMICAL TREATMENT OF THE SURFACES




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COMPANY WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =

The manufacturer reserves the right to make any modifications deemed necessary without prior notification.



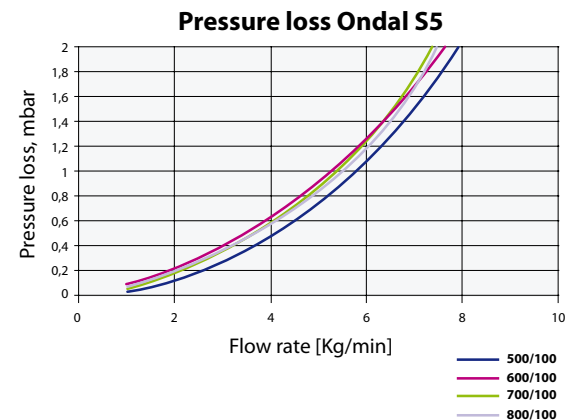
EVOLUTION: ONDAL S5 RANGE

Ondal S5 is NOVA FLORIDA's new range of high-tech radiators that feature numerous technological innovations:

- Innovative geometry of the 5 rows of side fins, developed with thermo-fluid dynamic simulations and climatic chamber tests, resulting in a high heat output with a smaller surface area and hence less weight.
- Presence of rear openings allowing enhanced heat exchange by convection.
- A new cap for the element.
- Ornamental patent, and patent pending for new technical developments.

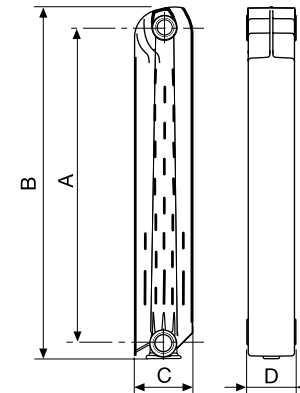
	Depth (C) mm	Height (B) mm	Centre distance (A) mm	Length (D) mm	Connection diameters inches	Water capacity litres/sect.	Exponent n	Coefficient K_m
500/100	97	557	500	80	G1	0.33	1.3000	0.7152
600/100	97	657	600	80	G1	0.35	1.3062	0.8141
700/100	97	757	700	80	G1	0.38	1.3081	0.8985
800/100	97	857	800	80	G1	0.42	1.3161	0.9676

Heat output ΔT 30K W/sect.	Heat output ΔT 50K W/sect.
59.5	115.6
69.2	134.8
76.9	149.9
85.1	166.6



Maximum working pressure: 1600 kPa (16 bar)

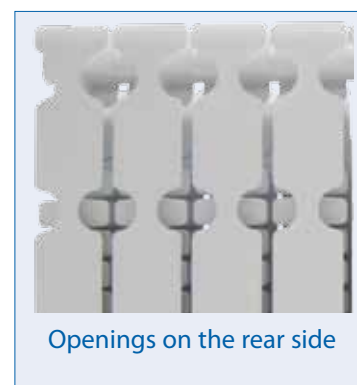
Characteristic equation of the model $\Phi = K_m \Delta T^n$ (reference EN 442-1). The thermal efficiency values, expressed at ΔT 50K, comply with EN 442-2.



- The new cap is not welded and hydraulic seal is provided by an **O-ring seal**.
- The new cap is made of **aluminized steel**.
- **No welds, so no problems with burrs** at the bottom of the radiator.
- **All the caps** for the models in the Ondal S5 range undergo **Aleternum® anticorrosion treatment**.

2011 BRAND NEW CREATION

- S5 is **lighter** than the models in the S3 range, and hence easier to transport and install;
- S5 has an **optimal weight-to-heat output ratio**;
- S5 features numerous **exclusive technological innovations**;
- S5 has an **innovative cap**.



- new configuration of side fins for **higher heat output**
- new technical solution: **cap with no welding required**



ONDAL S5



Fondital guarantees **Ondal S5** for 10 years from the date of installation against all production defects providing the heating system is conform to the regulations, in compliance with the standards in force and provided the instructions on installation, use and correct maintenance supplied with the product have been observed.