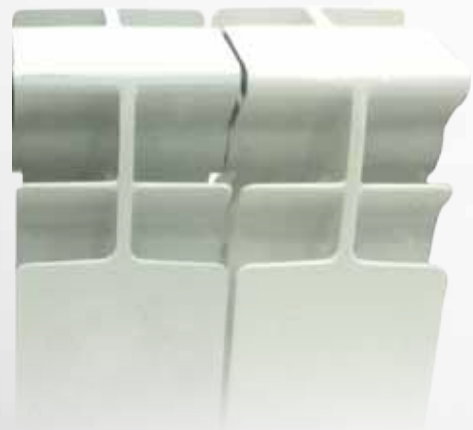




and FINISHING PHASES

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



Uff. Pub. Fondital - CTC 04 P. 209 - 02 Dicembre 2011 (12/2011)

9PCGB04P209

Die cast aluminium radiators for high pressure heating systems



PAINTING

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

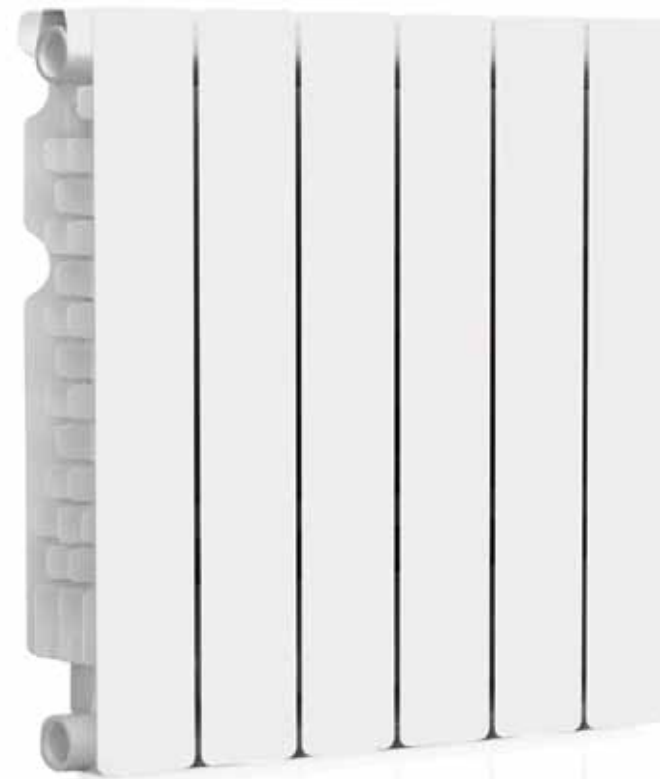


* This picture shows the various phases of processing and painting of radiators. It may not represent the model described in the present document.


FONDITAL S.p.A.
 25079 VOBARNO (Brescia) Italy
 Via Cerreto, 40 - Tel. +39 0365 878.31 - Fax +39 0365 878.576
 e mail: fondital@fondital.it - www.novafiorida.it

COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =


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



EVOLUTION: SIMUN S5 RANGE

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

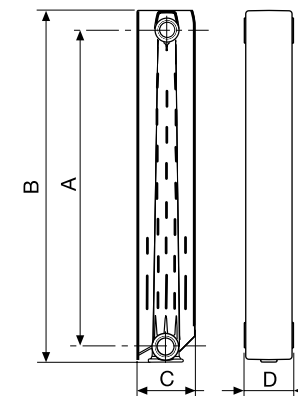
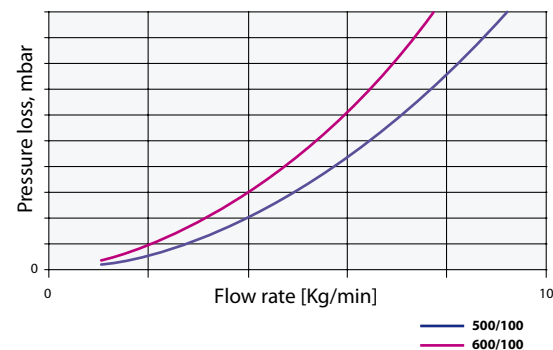
- Innovative geometry of the 5 rows of side fins, developed with thermo-fluid dynamic simulations and climatic chamber tests, resulting in a high heat output with a smaller surface area and hence less weight.
- Presence of rear openings allowing enhanced heat exchange by convection.
- A new cap for the 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.	Weight Kg/sect.	Exponent n	Coefficient K_m	Heat output ΔT 30K W/sect.	Heat output ΔT 50K W/sect.	
	500/100	97	557	500	80	G1	0.31	1.26	1.2930	0.7330	59.6	115.3
	600/100	97	657	600	80	G1	0.35	1.50	1.3034	0.8161	68.7	133.7

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.

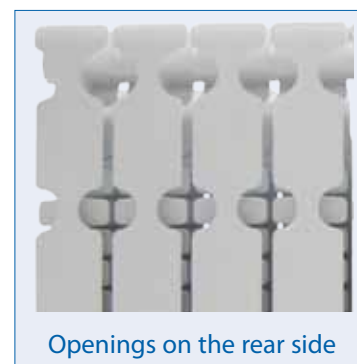
Pressure loss Simun S5



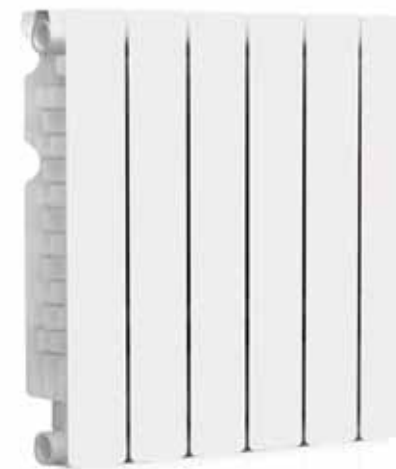
- The new cap is not welded and hydraulic seal is provided by an **O-ring seal**.
- The new cap is made of **aluminized steel**.
- **No welds, so no problems with burrs** at the bottom of the radiator.
- **All the caps** for the models in the Simun S5 range undergo **Aleternum® anticorrosion treatment**.

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**



Fondital guarantees **Simun 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.