



and FINISHING PHASES

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9PCGB04P215

Die cast aluminium radiators for high pressure heating systems

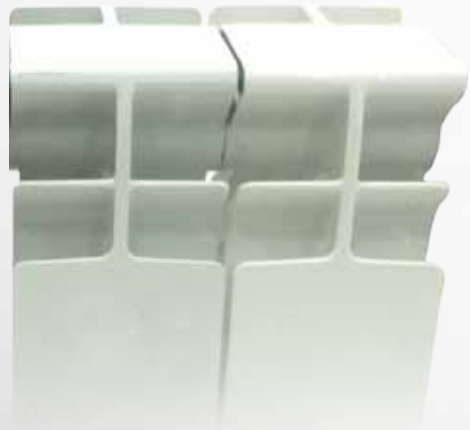


SIMUN

Super

GB

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



PAINTING

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

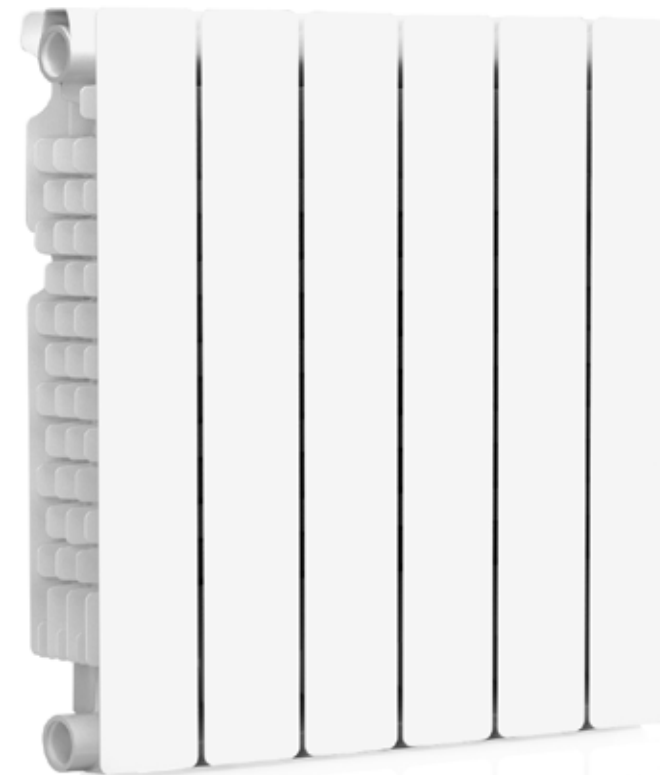


* This picture shows the various phases of processing and painting of radiators. It may not represent the model described in the present document.


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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 SUPER

Super is the new die-cast aluminium radiator by NOVA FLORIDA that features the following technological innovations:

- Ornamental patent.
- Innovative geometry of the 6 rows of side fins that was developed specially to result 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.

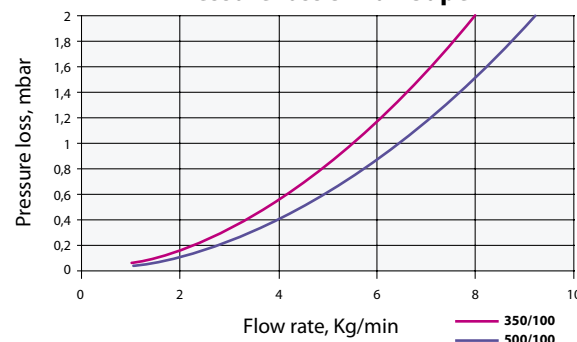
2011 BRAND NEW CREATION

- Super is **more powerful** than the models in the S4 range.
- Super is **lighter** than the models in the S4 range, and hence easier to transport and install.
- Super has an **optimal weight-to-heat output ratio**.
- Super features **numerous exclusive technological innovations**.
- Super has an **innovative cap**.
- Super is a **top-of-the-range radiator!**

	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.
350/100*	97	407	350	80	G1	0.27	1.09	1.3037	0.5755	48.5	94.4
500/100	97	557	500	80	G1	0.30	1.40	1.3158	0.7225	63.5	124.3

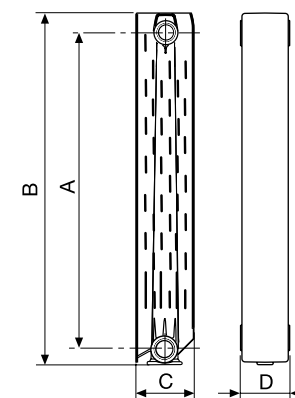


Pressure loss Simun Super



Maximum working pressure: 1600 kPa (16 bar)

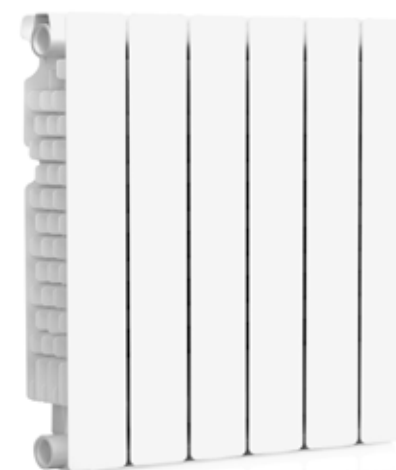
Characteristic equation of the model $\Phi = K_m \Delta T^n$ (reference EN 442-1). The thermal efficiency values, expressed at ΔT 50K, comply with EN 442-2.



- 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 Simun Super range undergo **Aleternum® anticorrosion treatment**.



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



SIMUN SUPER



Fondital guarantees **Simun Super** 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.