



and FINISHING PHASES

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



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9PCGB04P215

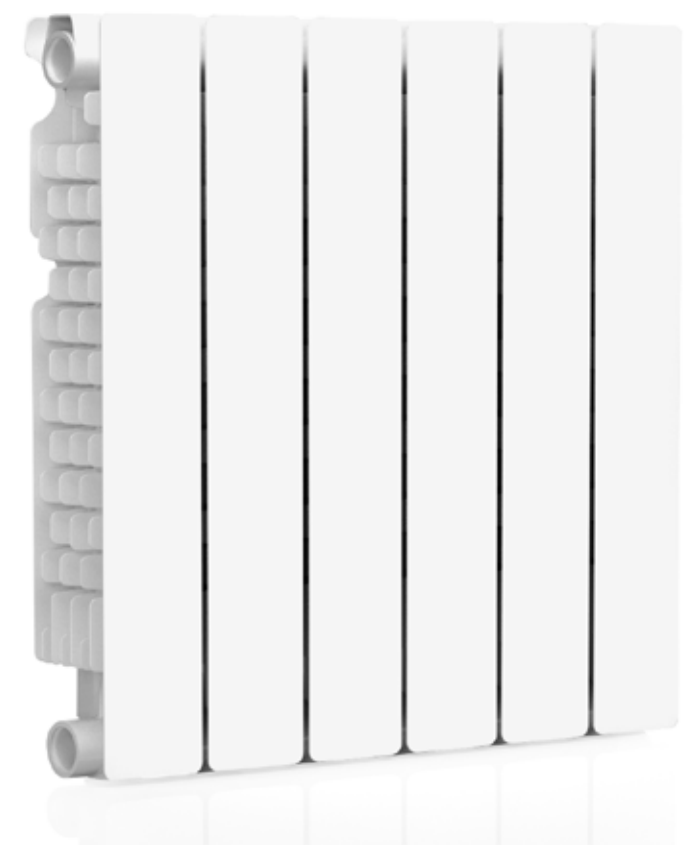
Die cast aluminium radiators for high pressure heating systems




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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.



PAINTING

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



EVOLUTION: SIMUN SUPER

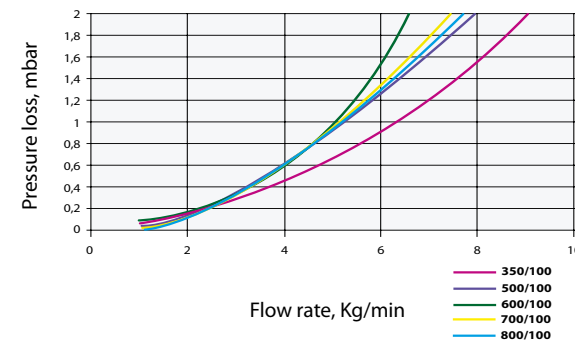
Super is the new die-cast aluminium radiator by NOVA FLORIDA that features the following technological innovations:

- 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.

	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
350/100	97	407	350	80	G1	0.24	1.3001	0.5776
500/100	97	557	500	80	G1	0.30	1.3158	0.7225
600/100	97	657	600	80	G1	0.35	1.3286	0.7881
700/100	97	757	700	80	G1	0.38	1.3337	0.8566
800/100	97	857	800	80	G1	0.42	1.3372	0.9364

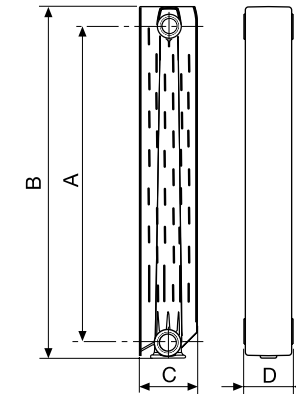
Heat output ΔT 30K W/sect.	Heat output ΔT 50K W/sect.
48.1	93.4
63.5	124.3
72.3	142.5
79.9	158.0
88.4	175.1

Pressure loss Simun Super



Maximum working pressure: 1600 kPa (16 bar)

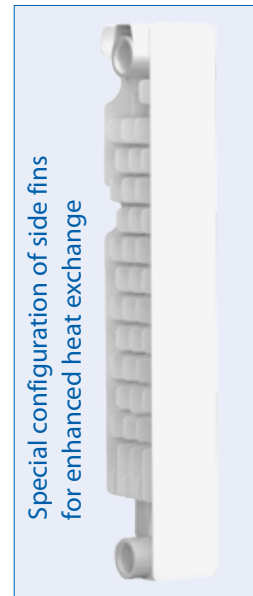
Characteristic equation of the model $\Phi = K_m \Delta T^n$ (reference EN 442-1). The thermal efficiency values, expressed at ΔT 50K, comply with EN 442-2.



- 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**.

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**!



- 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.