

Phase 4

SECTION AFTER
FIRST PAINTING
STAGE MADE BY
ANAPHORESIS

Phase 5

SECTION
AFTER SECOND
PAINTING STAGE



PAINTING AND FINISHING PHASES

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



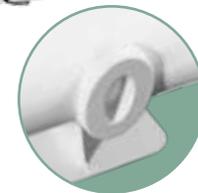
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Blitz 80

Die cast aluminium radiators



New weldless base assembled
by thermoelectric joining
technology



EN

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Phase 3

WASHING AND
CHEMICAL
TREATMENT
OF THE SURFACES

Phase 1
UNMACHINED
SECTION

Phase 2
MACHINED
SECTION



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COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

Choose BLITZ80 B2, choose the evolution of heating:

BLITZ80 B2 is the result of a research project aimed at optimizing radiator performance in order to offer a product with excellent mechanical properties and high thermal conductivity.

Designed to allow installation in any premises and blend in with any interior style, BLITZ80 B2, entirely made of aluminium alloy, delivers excellent heating performance for homes and commercial buildings.

Model	Depth	Height	Centre distance	Length	Connection diameters	Water capacity	Heat output ΔT 50K	Heat output ΔT 30K	Exponent	Coefficient
	mm	mm	mm	mm	inches	litres/sect.	W/sect.	W/sect.	n	K_m
BLITZ80 B2 500/80	77	557	500	80	G1	0,25	98,8	51,3	1,2833	0,6524
BLITZ80 B2 600/80	77	657	600	80	G1	0,28	113,5	58,6	1,2935	0,7203
BLITZ80 B2 700/80	77	757	700	80	G1	0,39	130,4	67,2	1,2993	0,8088
BLITZ80 B2 800/80	77	857	800	80	G1	0,44	144,7	74,5	1,2995	0,8966

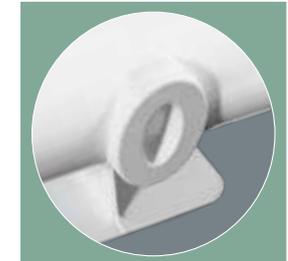
Maximum working pressure: 1600 kPa (16 bar)

Characteristic equation of the model $\Phi = K_m \Delta T^n$.

The thermal efficiency values shown comply with the European Standard EN 442-1:2014 and are certified by the MRT Lab of the Milan Polytechnic, notified body no. 1695.



Sectional view of weldless base with thermoelectric joining technology



New radiator base joined by thermoelectric technology

Fondital presents its new radiators with weldless base, assembled with an exclusive thermoelectric joining technology. An environmentally friendly solution.



Thermoelectric process, a PATENT PENDING technology, ensures a stable joint between the aluminium die-cast section and its base. Metal in the joint area is absolutely uniform and the two components are perfectly integrated into each other.



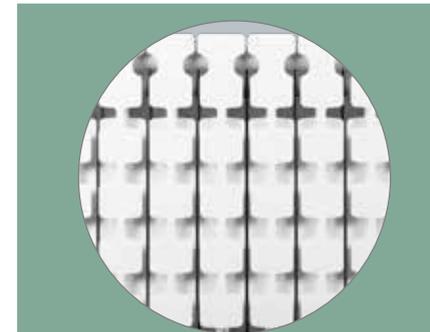
Thermoelectric joining technology is carried out at controlled temperatures that prevent spatter and porosity. The result is a radiator that is as solid as a 100% single piece in aluminium, even more sturdy and reliable than ever.

Other ADVANTAGES of the thermoelectric joining process:

- ✓ No build-up of sludge in the bottom of the radiator.
- ✓ Perfect finish with no internal defects.
- ✓ Better visual appearance, no sharp burrs.
- ✓ Higher mechanical resistance.
- ✓ Environmentally friendly process, no waste of material.

Choose BLITZ80 B2 radiator and enjoy all its advantages:

- ▶ Improved design with independent hydraulic connection;
- ▶ Excellent weight/power ratio, which facilitates handling and installation;
- ▶ 80mm-deep, ideal for any environment;
- ▶ Resistant over time, thanks to its double layer coating by anaphoresis with powder finish;
- ▶ 100% made in Italy;
- ▶ Nominal pressure: 16 bar;
- ▶ 100% pressure tested at 24 bar;
- ▶ Burst pressure: 60 bar;
- ▶ Greater heat exchange = outstanding performances, low power consumption.



Openings on the rear side

Choose the BLITZ80 B2 radiator, install the product of the future:

The openings at the rear of the radiator increase convective heat exchange.



Fondital guarantees **BLITZ80 B2** 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.