



AlfaBlast

Blast freezer

Applications

AlfaBlast is a unit cooler with horizontal air flow. It is ideal for shock-freeze applications in confined spaces, and will offer efficient capacity to industries such as meat, poultry, fish, bakery, dairy, ice cream, ready-to-serve meals, and in all sectors where fast freezing of food is necessary.

Design features and benefits

AlfaBlast is designed for applications with R404A, R507A, NH3 and CO2. The refrigerant charge is lower than comparable products on the market, which will have a positive effect both on your budget and the environment. To further support your budget targets, AlfaBlast offer low electricity consumption and smart solutions for easy installation and maintenance.

Standard configuration

AlfaBlast in standard configuration has a galvanized steel casing, aluminium drip tray, air static pressure of 80 Pa (500 series) and 100 Pa (630 series), static defrost system, lateral cover panels and height-adjustable legs in order to obtain a "tailor made unit" anywhere.

Optional

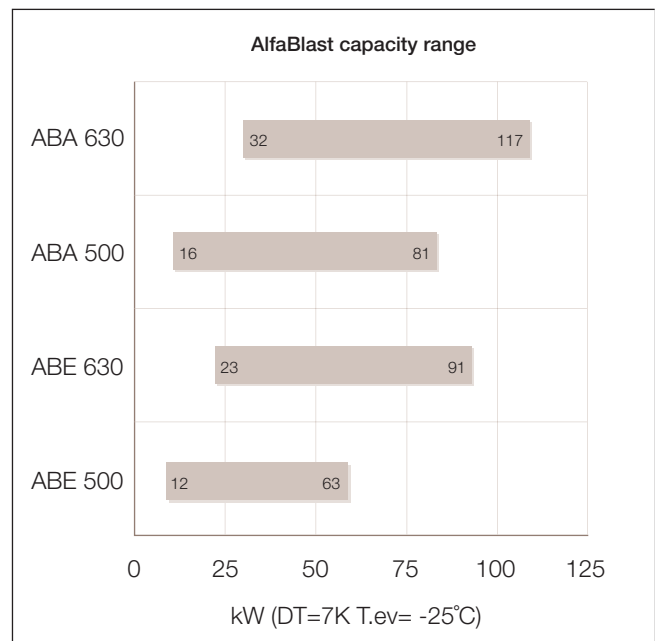
Casing in stainless steel or aluminium, special fans for high static pressure, different defrost systems (water, electric, hot gas) and different coil protection (cataphoresis, Thermoguard, epoxy painting, pre-coated fins).



AlfaBlast ABE 502 A7 with optional water defrost.

AB E 50, 2 A 7

- Fin spacing: 7, 10, 12 mm
- Coil size: A, B, C
- Fan couple: 1, 2, 3, 4
- Fan diameter: 50, 63 cm
- E = DX, A = NH



Application range

- DX with R404A, from 12 to 91 kW (SC3 condition)
- Pump with NH3, from 16 to 117 kW (SC3 condition)
- Maximum pressure 30 bar, temperature -45° to 60°C

Casing

- Galvanized steel (standard), stainless steel (option), aluminium (option)
- Lateral panel removable (standard)
- Aluminium drip tray (standard)

Coil

- Fin spacing: 7, 10 or 12 mm
- Fin material: Aluminium
- Piping: Copper or stainless steel

Fans

- Diameter: 500 or 630 mm
- Motor fan type: 3 phase 400V 50/60 Hz
- Air static pressure: 50 or 100 Pa (150 Pa on request)

Noise pressure level

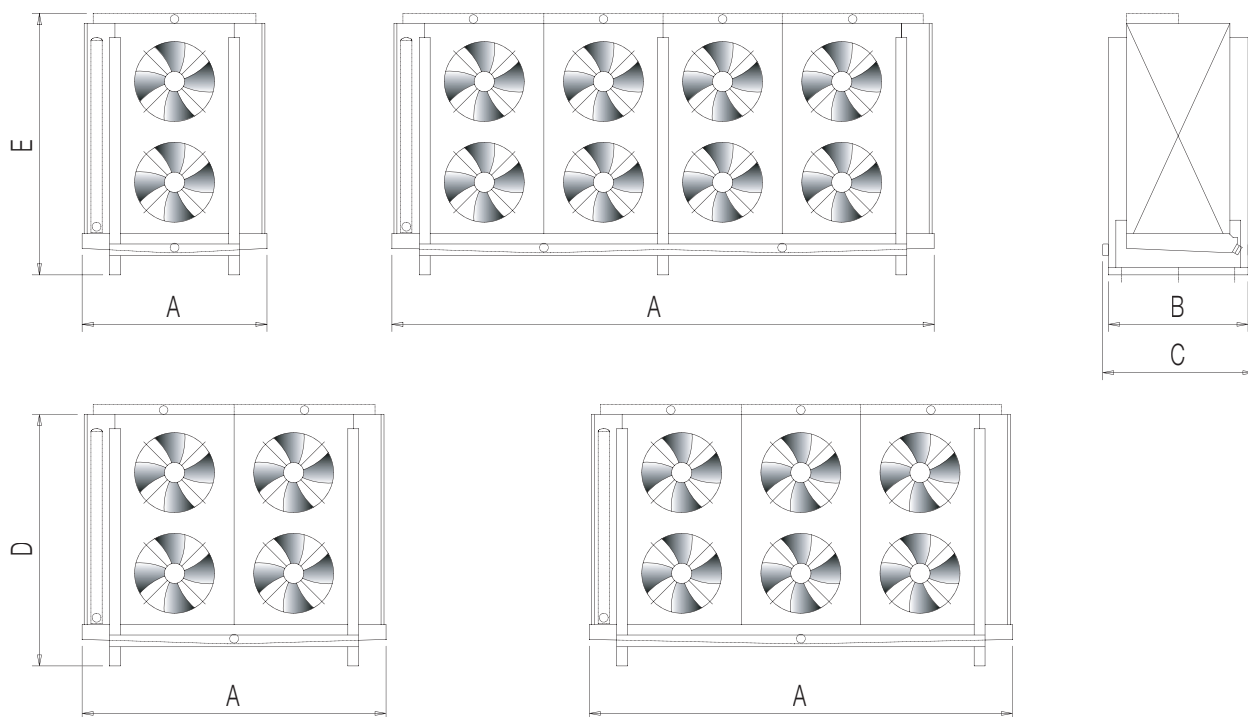
Maximum 79 dB (A) (at 1 m)

Defrost system

Static (standard), electric, water, hot gas, water + electric in the drip tray or hot gas + electric in the drip tray.

Coil protection

Cataphoresis, Thermoguard, epoxy painting, pre-coated fins



Model	A	B	C	D	E	Model	A	B	C	D	E
501	1375	950	1030	1710	1790	631	1645	950	1050	2190	2270
502	2185	950	1030	1710	1790	632	2725	950	1050	2190	2270
503	2995	950	1030	1710	1790	633	3805	950	1050	2190	2270
504	3805	950	1030	1710	1790						

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com