



AlfaCubic

Commercial unit cooler

Application

Units designed for use in small and medium cold rooms from 10 to 400 m³. Models designed for an easy maintenance with immediate access to inspection areas. This series is available as evaporator (DX or pump, HFC, NH₃ and CO₂) and brine unit cooler.

Standard design

Coil

Coil manufactured from corrugated aluminium fins and copper rippled tubes nominal diameter 12 mm for DX evaporator and smooth tubes nominal diameter 12 mm for Brine and 16 mm stainless steel tubes for NH₃ units.

Casing

It's manufactured from pre-painted aluminium sheets RAL 9010, delivered with plastic film for protecting during transport (to be removed after installation).

Fans

Single-phase motors 230V-50Hz, or three phase 400V-50Hz, protection class IP54 according to DIN 40050. Integrate thermal protection by thermo contact. Provide reliable protection against thermal overload.

Benefits

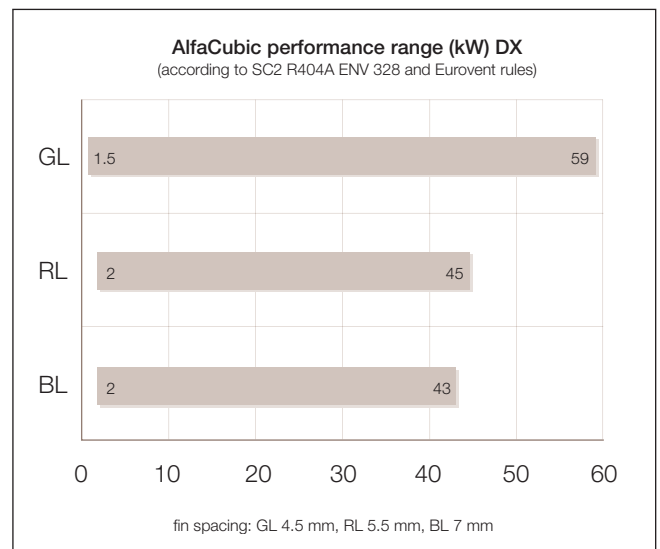
- Low power consumption fan motor
- Low noise level
- Compact design
- Large heat exchanger surface reduces product dehydration and saves energy thanks to less number of defrosting cycles

Optional

- Re-heating coil
- Fan pre-wired to common terminal box
- Drain-pipe flexible electrical heater
- 6 poles, 230V/1ph (diameter 350, 400 and 500 mm)
- 4 poles, 400V/3ph (all models)
- 6 poles, 400V/3ph (diameter 400 and 500 mm)
- Fan ring heater
- Pre coated fins
- Coil epoxy coating
- Cataphoresis treatment
- Stainless steel tubes
- Stainless steel casing
- Insulated drip tray
- Electric defrost
- Hot gas defrost (including in the drip tray)
- Hot gas defrost in the coil and electric in the drip tray

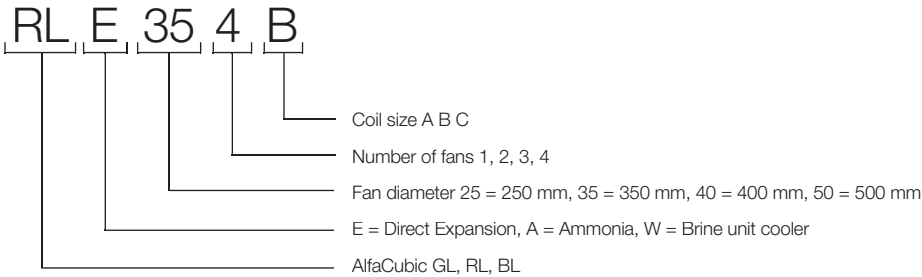


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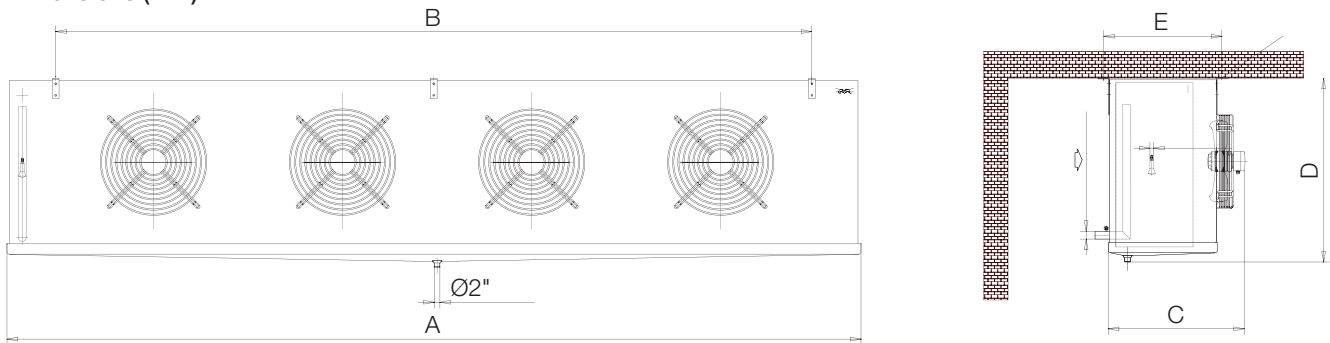
Typical application

Series	Green Line GL	Red Line RL	Blue Line BL
Product	Fruit/vegetables	Meat/fish	Frozen food
Room temperature	10±0°C	0±-7°C	-18±-25°C
Standard fins spacing DX (mm)	4	5.5	7



MODEL	DIMENSIONS (mm)					
	DX	Brine & NH ₃	Brine & NH ₃	Brine & NH ₃	Brine & NH ₃	Brine & NH ₃
	A	A	B	C	D	E
GL/RL/BL 251	840	970	530	460	395	410
GL/RL/BL 252	1340	1470	1030	460	395	410
GL/RL/BL 253	1840	1970	1530	460	395	410
GL/RL/BL 351	840	970	530	460	585	410
GL/RL/BL 352	1340	1470	1030	460	585	410
GL/RL/BL 353	1840	1970	1530	460	585	410
GL/RL/BL 354	2340	2470	2030	460	585	410
GL/RL/BL 401	910	1040	600	630	685	530
GL/RL/BL 402	1510	1640	1200	630	685	530
GL/RL/BL 403	2110	2240	1800	630	685	530
GL/RL/BL 502	2140	2140	1700	650	830	530
GL/RL/BL 503	2990	2990	2550	650	830	530
GL/RL/BL 504	3840	3840	3400	650	830	530

Dimensions (mm)



ERC00033EN 0601

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How to contact Alfa Laval

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