

Kelvion LF-S Flatbed Dry air cooler

IMPROVED ENERGY EFFICIENCY, QUIETER OPERATION



YOUR BENEFITS

- ▶ Kelvion has taken the popular LF-SJ, and re-engineered this will enable those already enjoying the compact solution for commercial refrigeration to get additional benefits of an even higher efficiency coil
- ▶ The LF-S uses the features from previous ranges, such as profiled side plates and versatile leg arrangements to ensure the high level of quality Kelvion's customers expect will be met.
- ▶ A comprehensive collection of fan sets are available from various premium manufacturers. This ensures that the best fan is always selected and balanced against the model and application variant. High energy efficiency, low noise and flexible control options all ensure the best possible solution is offered.
- ▶ Eurovent certify-all: independent certification for thermal performance, power consumption, sound data and unit air volumes for standard products under scheme limits.
- ▶ CE Marked, PED compliant and UL Certified: Kelvion products can be supplied from SEP up to category IV

CAPACITY RANGE

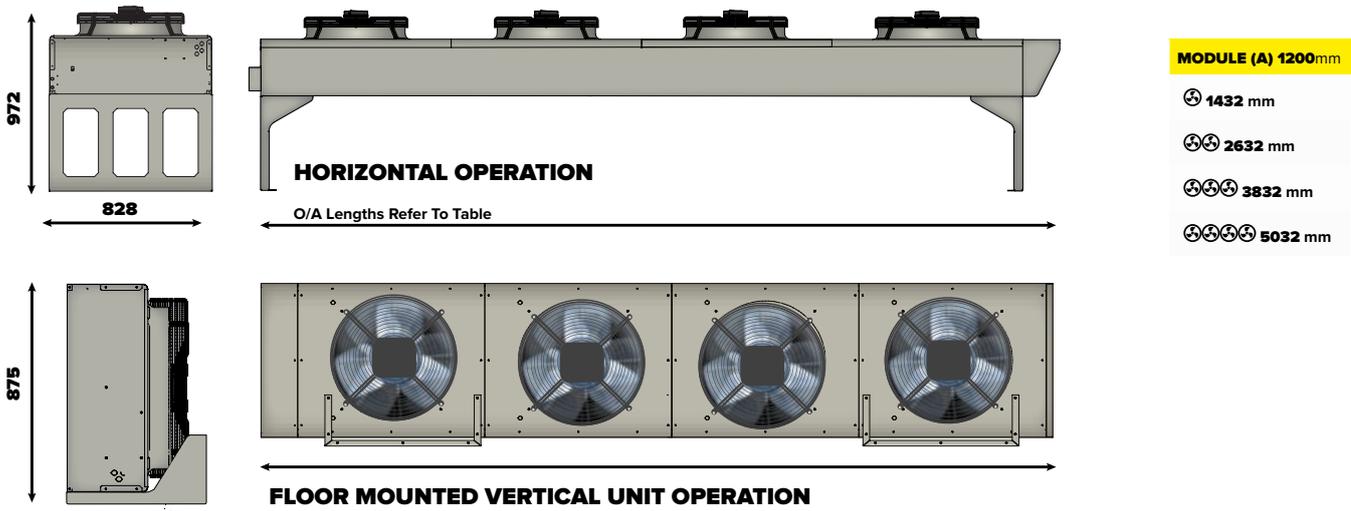
H₂O **8 kW - 125 kW**

$t_{A1}=25^{\circ}\text{C} \mid t_{L1}=40^{\circ}\text{C} \mid t_{L2}=35^{\circ}\text{C}$






DIMENSIONS



FANS

<ul style="list-style-type: none"> ▶ AC fan control ▶ EC Fan Control 		<ul style="list-style-type: none"> ▶ Ø 630mm ▶ Min IP 54 ▶ 4, 6, 8 Pole ▶ Single or 3 phase ▶ 50/60 Hz ▶ 1 - 4 fans
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HEAT EXCHANGE

<ul style="list-style-type: none"> ▶ Fin Type: L ▶ Fin spacing: [mm] L = 2.1 ▶ Fin material: Cu, Al, Av, AlMg, Bg ▶ Tube Diameter: [mm] L = 9.5 ▶ Tube material: Cu
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CONTROLS OPTIONS

OPTION	DESCRIPTION
Kelvion SmartControl	Connected to the Kelvion cloud to give live operational data
Unwired	Installer wires directly to fan terminal boxes.
Junction Box	Single or twin according to unit model.
Staged Control (AC Fan sets)	Motor switchgear with or without controller.
Speed Control	EC, inverter or triac.
Modbus	Options for control communication of fan and control

VARIANTS & ACCESSORIES

<ul style="list-style-type: none"> ▶ AC Fan Control ▶ EC Fan Control ▶ Isolators ▶ Sub-Cooling ▶ Alternative Fin Material
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OPERATING ENVIRONMENT GUIDANCE

APPLICATION ATMOSPHERE	TUBE MATERIAL	FIN MATERIAL
Commercial Application	Cu or St/St	Al, AV, AlMg, Cu, Bg
Within 20 miles of the Sea	Cu	Cu, Bg, AlMg

NOTE: The Tube material will suit fin Material

NOTE

Selection and Pricing on all products can be performed on the **Selection Software** which can be downloaded from our website www.kelvion.com