

Kelvion R/GF-S Condenser and Gas cooler

A HEAT EXCHANGER THAT'S RELIABLE AND EFFICIENT







APPLICATION & BENEFITS

- ▶ Kelvion has taken the popular RF-SJ, and re-engineered with a 5mm coil. This will enable those already enjoying the compact solution for commercial refrigeration to get additional benefits of an even higher efficiency coil.
- ▶ This product has been optimised for the capacity range between the RF-D and the larger R/GF condenser.
- ▶ The R/GF-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.
- ▶ The popular F-Fin has been configured for this range to achieve optimised thermal performance within a given footprint.
- ▶ The new 5mm coil from Kelvion is perfect for CO₂ applications; allowing for a cost efficient solution to small scale CO₂ applications
- ▶ CE Marked, PED compliant, UL and Eurovent Certified: Kelvion products can be supplied from SEP up to category IV

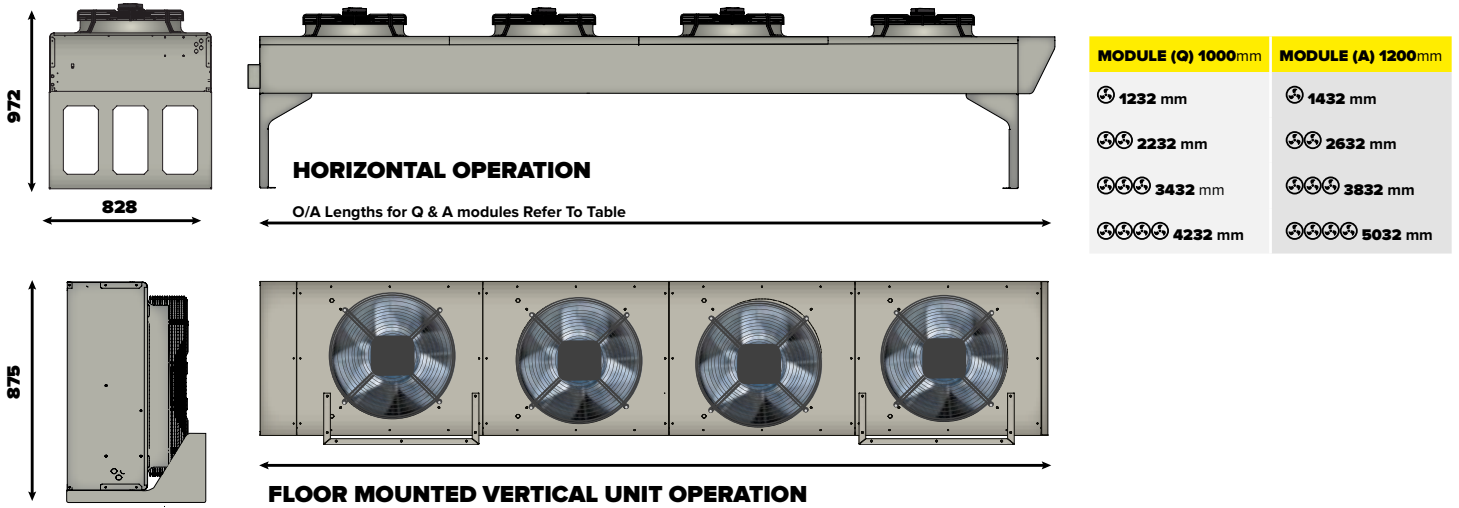
CAPACITY RANGE

HFO/HFC 6.38 - 183.0 kW
 $t_{L1}=25^{\circ}\text{C} \mid t_o=40^{\circ}\text{C} \mid \text{DT}=15\text{K} \text{ [SC1]}$

9.5 kW - 174.3 kW
 $t_{L1}=30^{\circ}\text{C} \mid P_{R1}=90 \text{ bar} \mid t_{R1}=110^{\circ}\text{C} \mid t_{R2}=35^{\circ}\text{C} \text{ [SC20]}$

DIMENSIONS



FANS

▶ AC fan control		▶ Ø 500mm, Ø 630mm
▶ EC Fan Control		▶ Min IP 54
		▶ 4, 6, 8 Pole
		▶ Single or 3 phase
		▶ 50/60 Hz
		▶ 1 - 4 fans

HEAT EXCHANGER

▶ Fin Type: L, F
▶ Fin spacing: [in mm]
L = 2.1 F = 2.1
▶ Fin material: Cu, Al, Av, AlMg, Bg
▶ Tube Diameter: [in mm]
L = 9.5 F = 5
▶ Tube material: Cu

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	Motor switchgear with or without controller.
Speed Control	EC, inverter or triac.
Simple condenser controller	For use with condensers fitted with EC fan sets.

VARIANTS & ACCESSORIES

▶ AC Fan Control
▶ EC Fan Control
▶ Isolators
▶ Sub-Cooling
▶ Alternative Fin Material

OPERATING ENVIRONMENT GUIDANCE

APPLICATION ATMOSPHERE	TUBE MATERIAL	FIN MATERIAL
Commercial Application	Cu	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