

Kelvion



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Air Cooled condenser

A condenser that's reliable and efficient

SEARLE RF-SJ FLATBED AIR COOLED CONDENSER






YOUR BENEFITS

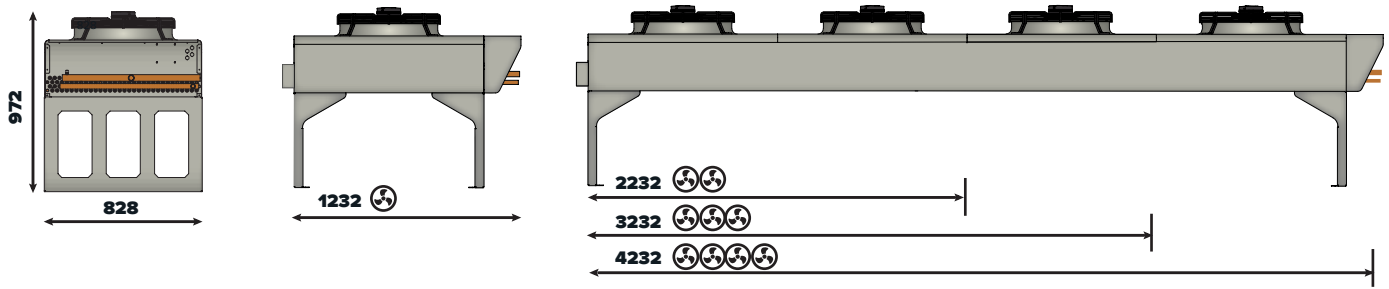
- ▶ **Kelvion has designed, engineered and manufactured the RF-SJ**, this brings a solution for customers who employ refrigeration as an essential part of their primary processes.
- ▶ **This product has been optimised** for the capacity range between the MSA and the larger RF condenser.
- ▶ **The RF-SJ 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 L-Fin** has been configured for this range to achieve optimised thermal performance within a given footprint.
- ▶ **The unit form have been designed** to enable easy stocking and delivery and to optimise customers storage space.
- ▶ **Eurovent certify-all:** independent certification for thermal performance, power consumption, sound data and unit air volumes for standard products under scheme limits.

CAPACITY RANGE

HFO/HFC **6 kW - 181 kW**
 $t_{L1}=25^{\circ}\text{C} \mid t_0=40^{\circ}\text{C} \mid \text{DT}=15\text{K} \text{ [SC1]}$

DIMENSIONS



FANS

▶ AC Normal	Ø 630 mm	▶ Min IP 54
▶ AC High power		▶ 4, 6, 8 Pole
▶ EC Standard		▶ Single or 3 phase
▶ EC High power		▶ 50/60 Hz
▶ EC Low power		▶ 1 - 4 fans

HEAT EXCHANGE

▶ Fin Type: L, G, F
▶ Fin spacing: [in mm] L = 2.1 G = 2.1 F = 2.1
▶ Fin material: Cu, Al, Av, AlMg, Bg, Et
▶ Tube Diameter: [in mm] L = 9.5 G = 8 F = 5
▶ Tube material: Cu

CONTROLS OPTIONS

OPTION	DESCRIPTION
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
▶ Model Options: LF-SJ, GF-SJ or OF-SJ

OPERATING ENVIRONMENT GUIDANCE

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

NOTE

Selection and Pricing can be performed on the Searle **Selection software** which can be downloaded from our website www.kelvion.com