

Kelvion R/GF-D Flatbed Condenser and Gas cooler

DESIGNED FOR QUICK AND EASY INSTALLATION



APPLICATION & BENEFITS

- ▶ Our smallest heat exchanger: increasingly popular with refrigeration and air conditioning condenser applications.
- ▶ Orientation: The unit can be installed either vertically or horizontally, floor or wall mounted, by using the optional mounting legs.
- ▶ Fans are the highest quality and efficiency: when matched to the case / orifice design offer extremely low noise levels.
- ▶ Coil manufacture: from seamless 5mm copper tube employing the latest extended inner surface technology, mechanically expanded into aluminium fin.
- ▶ Casework: All external surfaces are oven cured at 180°C ensuring an even, flexible and durable gloss finish (grey RAL 7032) with excellent corrosion protection properties and tolerance to UV exposure.
- ▶ 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 3.88 - 32.08 kW

$t_{L1}=25^{\circ}\text{C} \mid t_o=40^{\circ}\text{C} \mid \text{DT}=15\text{K} \text{ [SC1]}$

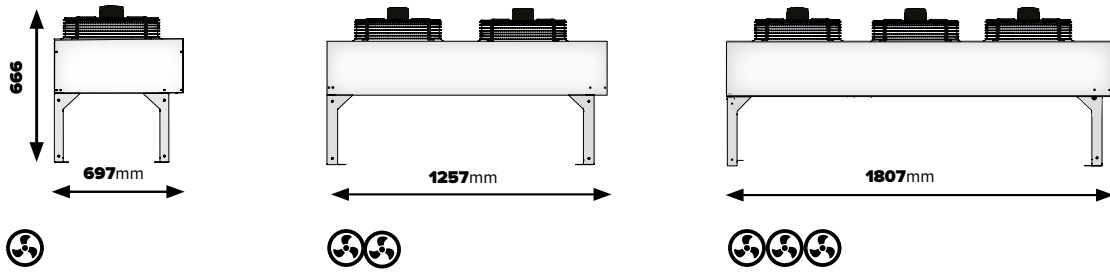


1.8 kW - 38.9 kW

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



DIMENSIONS



FANS

<ul style="list-style-type: none"> ▶ AC fan control ▶ EC Fan Control 		Ø 350 mm
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HEAT EXCHANGE

<ul style="list-style-type: none"> ▶ Fin Type: F ▶ Standard Fin spacing: [mm] F = 2.1 ▶ Fin material: Al ▶ Tube Diameter: [mm] F = 5 ▶ Tube material: Cu

CONTROLS OPTIONS

OPTION	DESCRIPTION
Basic Units	As standard, units are supplied unwired.
Terminal Box	Standard option: junction box fitted on the coil end plate, spring clamp terminal blocks
Fan-speed Controller	Single phase TRIAC for AC options and a gauge transducer for EC option, Pressure controlled.
Isolators	Isolators available on request

VARIANTS & ACCESSORIES

<ul style="list-style-type: none"> ▶ AC fan control ▶ EC Fan Control ▶ Fansets (Units are supplied as standard with no fansets) ▶ Isolators

OPERATING ENVIRONMENT GUIDANCE

APPLICATION ATMOSPHERE	TUBE MATERIAL	FIN MATERIAL	TUBE PLATE
Commercial Application	Cu	Cu, Al, AV	Al

NOTE

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