

## 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**

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

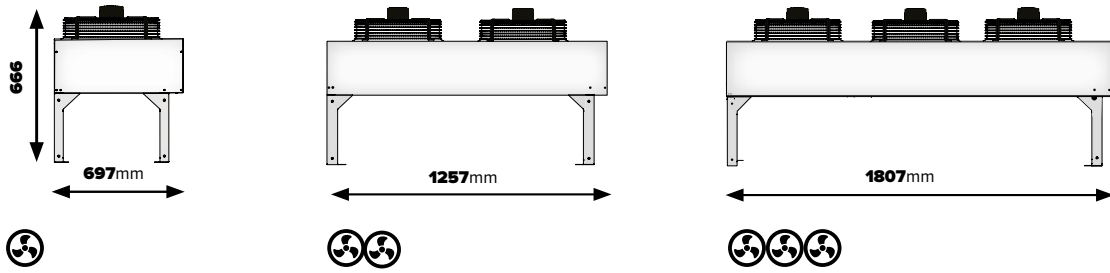


**1.8 kW - 38.9 kW**

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



# DIMENSIONS



## FANS

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

<ul style="list-style-type: none"> <li>▶ Fin Type: F</li> <li>▶ Standard Fin spacing: [mm] F = 2.1</li> <li>▶ Fin material: Al</li> <li>▶ Tube Diameter: [mm] F = 5</li> <li>▶ Tube material: Cu</li> </ul>
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## 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"> <li>▶ AC fan control</li> <li>▶ EC Fan Control</li> <li>▶ Fansets (Units are supplied as standard with no fansets)</li> <li>▶ Isolators</li> </ul>
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## 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](http://www.kelvion.com)