



**F for Flexibility** to suit many applications and in the most challenging environments

Coils can be configured in 5, 8, 9.5 and 12 mm in a variety of length, width and height variants

Flatbed condenser & gas cooler to be tailored accurately to meet the application demands



## Kelvion Heat Rejection & Heat Recovery **FLATBED CONDENSER & GAS COOLER**



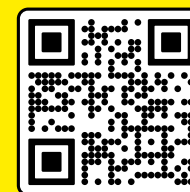
### FANS

- ▶ AC Normal | AC High power
- ▶ EC Standard | EC High power | EC Low power
- ▶ Diameter [mm] Ø: 630, 800, 900, 910, 960
- ▶ Number of fans: 1 - 20 pcs
- ▶ Min IP 54
- ▶ 4, 6, 8, 12 Pole and EC
- ▶ 1 & 3 phase
- ▶ 50/60 Hz

### HEAT EXCHANGER

- ▶ Fin Type: Condensers: L, T, F | Gas Coolers: F, T, G
- ▶ Standard Fin Spacing: [mm]  
L = 2.1 | T = 2.3 | F = 2.1 | G = 2.1
- ▶ Fin material: Cu, Al, Av, AlMg, Bg
- ▶ Tube Diameter: [mm]  
L = 9.5 | T = 12 | F = 5 | G = 8
- ▶ Tube material: All types: Cu, St/St; T fin only

### KELVION SELECT RT



Your tool for thermodynamic Heat Exchanger selection.  
**ANYTIME.**  
**ANYWHERE.**

### CAPACITY RANGE

**HFC**

**6 kW - 1409 kW**

$t_{L1} = 25^{\circ}\text{C}$  |  $t_{U1} = 40^{\circ}\text{C}$  |  $\text{DT} = 15\text{K}$  [SC1]

**CO<sub>2</sub>**

**9 kW - 1424 kW**

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

**NH<sub>3</sub>**

**11 kW - 1330 kW**

$t_{L1} = 25^{\circ}\text{C}$  |  $t_{U1} = 40^{\circ}\text{C}$  |  $\text{DT} = 15\text{K}$  [SC1]

### OPTIONS

- ▶ Legs Extended & Hinged fan plate
- ▶ Control Box & Isolators
- ▶ Sub cooling
- ▶ Multi sections
- ▶ Adiabatic System
- ▶ Packing & Stacking
- ▶ Alternative Fin Material & Special Paint
- ▶ Mounted Receivers and Frames
- ▶ Customised Housing

### CONTROLS OPTIONS

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

### DIMENSIONS in [mm]

