Designed for quick and easy installation

SEARLE MSA FLATBED AIR COOLED CONDENSER

YOUR BENEFITS

- **Our smallest condenser:** 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 supplied 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 8mm copper tube employing the latest extended inner surface technology, mechanically expanded into aluminium ripple 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 **5.4 kW - 26.5 kW**

\[ t_{i}=25^\circ C \, | \, t_{o}=40^\circ C \, | \, DT=15K \, \text{[SCL]} \]

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**Air Cooled condenser**

![Air Cooled condenser image](image)
### Application Atmosphere

<table>
<thead>
<tr>
<th>Application Atmosphere</th>
<th>Tube Material</th>
<th>Fin Material</th>
<th>Tube Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Application</td>
<td>Cu</td>
<td>Cu, Al, AV</td>
<td>Al</td>
</tr>
</tbody>
</table>

### Fans

- AC axial fans
- EC
- Ø 350 mm

### Heat Exchange

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

### Controls Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Units</td>
<td>As standard, units are supplied unwired.</td>
</tr>
<tr>
<td>Terminal Box</td>
<td>Standard option: junction box fitted on the coil end plate, spring clamp terminal blocks</td>
</tr>
<tr>
<td>Fan-speed Controller</td>
<td>Single phase TRIAC for AC options and a gauge transducer for EC option, Pressure controlled.</td>
</tr>
<tr>
<td>Isolators</td>
<td>Isolators available on request</td>
</tr>
</tbody>
</table>

### Variants & Accessories

- AC fan control
- EC Fan Control
- Fansets (Units are supplied as standard with no fansets)
- Isolators

### Operations Environment Guidance

- AC fan control
- EC Fan Control
- Fansets (Units are supplied as standard with no fansets)
- Isolators

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Selection and Pricing can be performed on the Searle Selection software which can be downloaded from our website [www.kelvion.com](http://www.kelvion.com)

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Kelvion Ltd
20 Davis way, Newgate lane, Fareham, PO14 1AR, UK
Phone +44 (0) 1329 823344
Fax +44 (0) 1329 821242
www.kelvion.com