Fog + Fan Cooling Unit

Easy-to-use, energy-efficient cooling unit produces Semi-Dry Fog®, which is dispersed over a larger area using a fan. Ideal for a wide range of uses including cooling, humidification, and dust suppression.

Specifications

<table>
<thead>
<tr>
<th>Product code</th>
<th>Dimensions W x D x H (mm)</th>
<th>Mass (kg)</th>
<th>Motor capacity (W)</th>
<th>Accessories, Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKE11-03IK</td>
<td>212×356×233</td>
<td>8.5</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>KYZ40F-2IK</td>
<td>435×735×550</td>
<td>55</td>
<td>400</td>
<td>Pressure gauge</td>
</tr>
<tr>
<td>KYZ75F-4IK</td>
<td>435×735×550</td>
<td>60</td>
<td>750</td>
<td>Pressure gauge</td>
</tr>
<tr>
<td>KYZ150F-9IK</td>
<td>435×770×550</td>
<td>65</td>
<td>1,500</td>
<td>Pressure gauge</td>
</tr>
<tr>
<td>KYZ220F-13IK</td>
<td>485×820×650</td>
<td>70</td>
<td>2,200</td>
<td>Pressure gauge</td>
</tr>
</tbody>
</table>

Select appropriate pump units based on the CLJ product code and the number of CLJ.

Note:
1. Please use high-pressure hoses.
2. For IKE series, water filter (5 µm) and high-pressure hose are available at additional cost.
3. For KYZ series, water filter (5 µm), safety device, and base (with or without caster) are available at additional cost.
**Dust-/ Water-proof (IP55)**

- **at 6M 0.2**
- **Air consumption**
- **Number of nozzle**
- **Spray capacity** 3.5
- **Large area cooling (L/min, Normal)**
  - **w/ Pump** 2
  - **(L/hr) 34x242 (50Hz)**

<table>
<thead>
<tr>
<th>Product name</th>
<th>Main features</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLJ-300-KU</td>
<td>For large scale space cooling and dust suppression</td>
</tr>
<tr>
<td>CLJ-590D-K</td>
<td>(make-to-order product)</td>
</tr>
<tr>
<td>CLJ-590-KU</td>
<td>CLJ-590D-K with the oscillation function (available with 15°, 30°, and 45°).</td>
</tr>
</tbody>
</table>

**Depends on installation conditions**

**Dimensions (mm)**

- **W840×D740×H1170** (–H1280)
- **W575×D1020×H1320**
- **W420×D410×H930**
- **W600×D800×H1010**
- **W1050×D800×H1180**
- **W1250×D990×H1360**

**Mass (kg)**

- **15 (w/o water)**
- **44 (w/o water)**
- **12**
- **70**
- **88**
- **200**

**Power supply**

- **100 VAC**
- **100 VAC**
- **200 VAC (3-phase)**
- **200 VAC (3-phase)**
- **200 VAC (3-phase)**

**Data supply for outdoor use**

- **CLJ-CSACLJ-S-E CLJ-300-KU CLJ-590D-K CLJ-C590A CLJ-Dome**
- **CLJ-300-KU is a make-to-order product**
- **CLJ-590D-K with the oscillation function (available with 15°, 30°, and 45°).**

**Spray capacity adjustment function is equipped!**

For the places where wetting is prohibited!

- Semi-Dry Fog 
- No worry of wetting.

**Semi-Dry Fog ®.**

Capable of spraying finer droplet fog than

- Not dry fog
- No worry of wetting.

**Spray capacity adjustment function is equipped!**

- Spray capacity is adjustable with a pressure regulator
- Unit as desired.

**Wind Speed Distribution and Reach Distance**

**CLJ with pneumatic spray nozzles**

- For the places where wetting is prohibited!
- Capable of spraying finer droplet fog than
- Semi-Dry Fog
- No worry of wetting.

Spray capacity adjustment function is equipped!

- Spray capacity is adjustable with a pressure regulator
- Unit as desired.

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**Note:** The above spray capacity, air consumption, and mean droplet diameter are measured at compressed air pressure of 0.3 MPa and liquid pressure of 0.15 MPa. Spray capacity, air consumption, and mean droplet diameter will vary depending on pressure conditions.

Please feel free to contact us for details.

**Product leaflet is available.**

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**CLJ-300-KU with pneumatic spray nozzles CBMW80004 equipped**

<table>
<thead>
<tr>
<th>Product code</th>
<th>Number of nozzle</th>
<th>Spray capacity</th>
<th>Air consumption (L/min)</th>
<th>Mean droplet diameter (μm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLJ-300-KU</td>
<td>4</td>
<td>18.8</td>
<td>140</td>
<td>20</td>
</tr>
<tr>
<td>CLJ-590D-K</td>
<td>8</td>
<td>70.4</td>
<td>568</td>
<td>20</td>
</tr>
</tbody>
</table>

*Mean droplet diameter is Sauter mean droplet diameter measured by laser Doppler method.

Note: The above spray capacity, air consumption, and mean droplet diameter are measured at compressed air pressure of 0.3 MPa and liquid pressure of 0.15 MPa. Spray capacity, air consumption, and mean droplet diameter will vary depending on pressure conditions. Please feel free to contact us for details.