CJLINE

- HIGH EFFICIENCY IE3 MOTORS
- ABLE TO OPERATE CONTINUOUSLY AT 120°C
- CERTIFIED FOR 400°C/2H OPERATION
- SPECIAL DESIGN TO FACILITATE CLEANING AND MAINTENANCE
CJLINE

The CJLINE series has been designed for the linear extraction of air or smoke and can be installed in a horizontal or a vertical position.
They are particularly suitable for the extraction of hot, grease-laden air in industrial kitchens, and are able to operate continuously at 120°C and 400°C/2h in accordance with F-400 certification number 0370-CPR-0594, based on European standard EN-12100-3.

The extract fan nozzle design for connection to rectangular ducts allows for fast, easy installation, and they can also be installed in car parks with rectangular ducts.

The fast access door makes it easy to maintain the unit and clean the impeller.

The extract fans fitted with IE3 motors and high performance impellers that permit high efficiency values to be obtained.
**CJLINE**

400°C/2h air and smoke extract fan units with linear inlets and outlets

400°C/2h and 120°C continuous operation in-line extract fans units for outdoor operation in fire risk zones.

Fan:
- Galvanised sheet steel structure.
- Impeller with reaction blades made of sheet steel.
- Approved in accordance with standard EN 12101-3, with certificate no.: 0370-CPR-0594.
- Linear airflow direction.

Motor:
- Class F motors with ball bearings, IP55 protection and with 1 or 2 speeds, depending on model.
- IE3 efficiency motors for powers equal to or higher than 0.75 kW, except single-phase, 2-speed and 9-pole.
- Three-phase 230/400V-50Hz, (up to 4kW) and 400/690V-50Hz (powers higher than 4kW).
- Maximum temperature of air to be carried: S1 continuous operation -20°C +120°C. S2 operation, 300°C/2h and 400°C/2h.

Finish:
- Anti-corrosive finish on galvanised sheet steel.

On request:
- Extract fans with 2-speed motors.

**Order code**

<table>
<thead>
<tr>
<th>CJLINE</th>
<th>1640</th>
<th>6T</th>
<th>F-400</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJLINE: 400°C/2h extract fan units with linear inlet and outlet</td>
<td>Impeller size</td>
<td>Number of motor poles</td>
<td>T=Three-phase</td>
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<tr>
<td>4=1400 r/min 50 Hz</td>
<td>6=900 r/min 50 Hz</td>
<td>F-400: 400°C/2h approved</td>
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<tr>
<td>For S2 operation: 300°C/2h and 400°C/2h</td>
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**Technical characteristics**

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed (r/min)</th>
<th>Max. admissible current (A)</th>
<th>Installed power (kW)</th>
<th>Max. flow rate (m³/h)</th>
<th>Sound pressure level dB(A)</th>
<th>Approx. weight (kg)</th>
<th>According to ErP</th>
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<td>CJLINE-1131-4T</td>
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Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

**Acoustic characteristics**

The indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the impeller diameter, with a minimum of 1.5 m.

**Sound power spectrum Lw(A) in dB(A) per Hz frequency band.**

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<th>Model</th>
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**Dimensions mm**

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**Accessories**

- INT
- CABLE BOX
- C2V
- AET
- CENTRAL CO
- VSD
- TAC
- VIS
Characteristic curves

Q = Flow rate in m³/h, m³/s and cfm.  Pe = Static pressure in mmH₂O, Pa and inwg.

4T = 1500 r/min

6T = 1000 r/min
Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.  Pe= Static pressure in mmH₂O, Pa and inwg.

4T=1500 r/min
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