

Configuration

Model: FCZ400AF

AF - floor installation, front suction, no comands

Certifications



Aermec participates in the Eurovent Certification Programme. The certified data of certified models are listed in the Eurovent Directory.

Notes

Calculation engine: AerSelector v1.0.2.0

Cooling

| | | |
|--------------------------------|----|------|
| Dry bulb air inlet temperature | °C | 27,0 |
| Wet bulb air inlet temperature | °C | 19,0 |
| Relative humidity air inlet | % | 47 |
| Inlet water temperature | °C | 7,0 |
| Outlet water temperature | °C | 12,0 |
| Ethylene glycol | % | 0 |

| Fs [n.] | Qa [m³/h] | LwA [dB(A)] | Pe [W] | Pf [W] | Ps [W] | Db [°C] | Wb [°C] | Rh [%] | Qw [l/h] | Dp [kPa] |
|------------|--------------|----------------|-----------|-----------|-----------|------------|------------|-----------|-------------|-------------|
| V1 | 330 | 37,0 | 30 | 2.205 | 1.590 | 12,1 | 11,6 | 94 | 379,3 | 10 |
| V2 | 460 | 44,0 | 43 | 2.925 | 2.140 | 12,6 | 12,0 | 93 | 503,2 | 17 |
| V3 | 600 | 51,0 | 57 | 3.600 | 2.670 | 13,2 | 12,4 | 91 | 619,3 | 24 |

Heating

| | | |
|--------------------------------|----|------|
| Dry bulb air inlet temperature | °C | 20,0 |
| Relative humidity air inlet | % | 50 |
| Inlet water temperature | °C | 45,0 |
| Outlet water temperature | °C | 40,0 |
| Ethylene glycol | % | 0 |

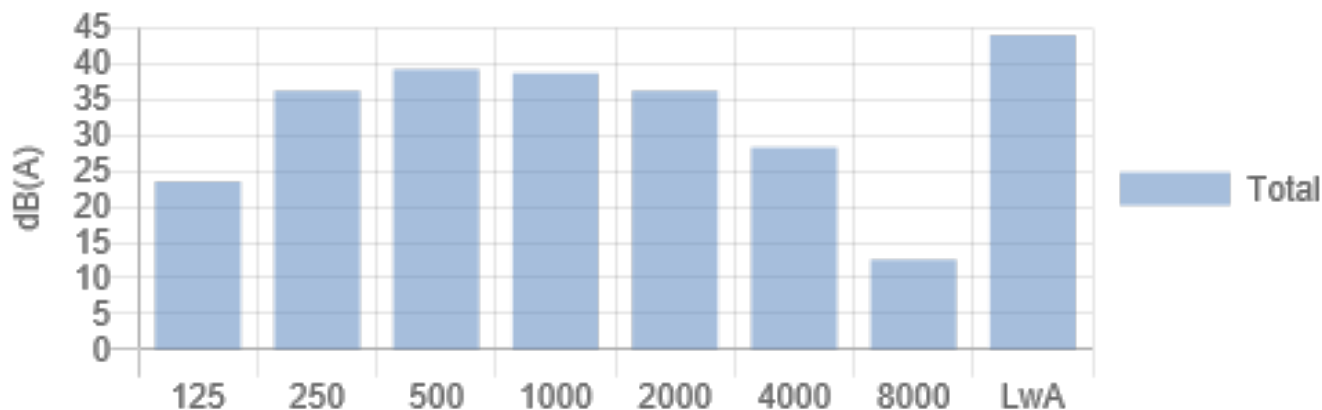
| Fs [n.] | Qa [m³/h] | LwA [dB(A)] | Pe [W] | Pt [W] | Db [°C] | Wb [°C] | Rh [%] | Qw [l/h] | Dp [kPa] |
|------------|--------------|----------------|-----------|-----------|------------|------------|-----------|-------------|-------------|
| V1 | 330 | 37,0 | 30 | 2.149 | 39,6 | 20,4 | 16 | 372,9 | 9 |
| V2 | 460 | 44,0 | 43 | 2.853 | 38,7 | 20,1 | 17 | 495 | 16 |
| V3 | 600 | 51,0 | 57 | 3.557 | 37,9 | 19,9 | 18 | 617,2 | 23 |

Fs: Fan speed; Qa: Air flow; LwA: Sound power; NR: Noise rating index; Pe: Input power; Pf: Total cooling capacity; Ps: Sensible cooling capacity; Pt: Heating capacity; Db: Dry bulb air outlet temperature; Wb: Wet bulb air outlet temperature; Rh: Relative humidity air outlet; Tw: Outlet water temperature; Qw: Water flow rate; Dp: Water pressure drops.

Sound diagrams

As specified in the conditions of use, the technical data shown are not binding; Aermec reserves the right to make changes for improvements or corrections at any time.

Sound power dB(A) - Sound spectrum for octave bands (center frequency)



| | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|-----------------|------|------|------|------|------|------|------|-----|
| Total - dB(A) - | 23,5 | 36,2 | 39,2 | 38,7 | 36,2 | 28,3 | 12,6 | 44 |

The shown data correspond to the selected speed.

| Electric data | |
|------------------------|-------------|
| Power supply | 230V/1/50Hz |
| Dimensions and weights | |
| A | m 0,49 |
| B | m 1,2 |
| C | m 0,22 |

The data and dimensional drawings refer to basic unit without accessories.
The dimensions and weight refer to the unit without packaging. For these data, consult the installation manual.

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