

Configuration

Model: FCZ350AF

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	260	34,1	25	1.890	1.330	11,2	10,8	96	325,1	11
V2	350	41,1	33	2.460	1.760	11,4	11,1	97	423,1	17
V3	450	48,2	44	3.025	2.180	12,0	11,5	95	520,4	25

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

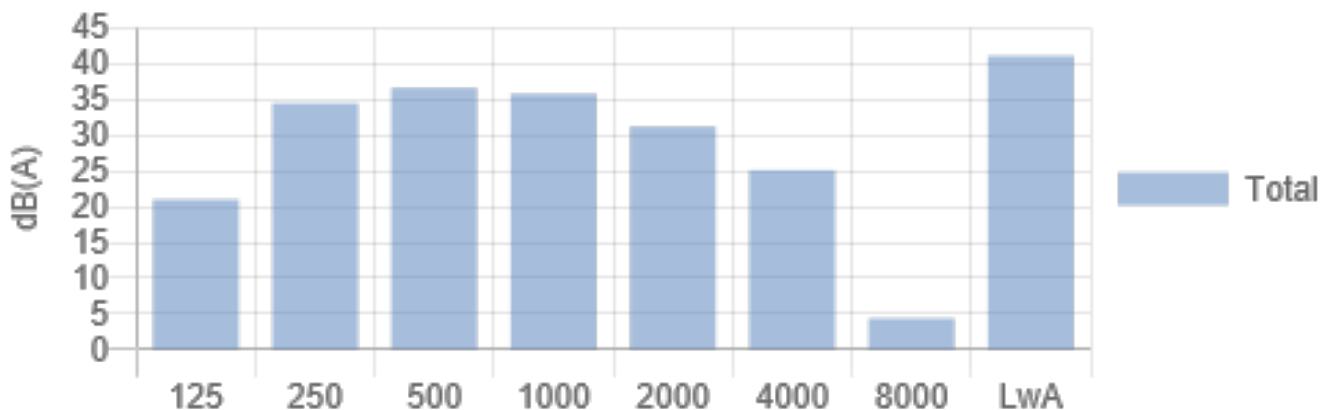
Fs [n.]	Qa [m³/h]	LwA [dB(A)]	Pe [W]	Pt [W]	Db [°C]	Wb [°C]	Rh [%]	Qw [l/h]	Dp [kPa]
V1	260	34,1	25	1.873	41,7	21,0	14	325	8
V2	350	41,1	33	2.448	41,1	20,9	15	424,7	14
V3	450	48,2	44	3.060	40,5	20,7	15	530,9	20

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) -	21	34,5	36,6	35,8	31,2	25,1	4,4	41,1

The shown data correspond to the selected speed.

Electric data	
Power supply	230V/1/50Hz
Dimensions and weights	
A	m 0,49
B	m 0,98
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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