

Configuration

Model: FCZ450AF

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	2.410	1.690	11,1	10,7	96	414,6	9
V2	460	44,0	43	3.210	2.300	11,5	11,2	96	552,2	15
V3	600	51,0	57	4.035	2.908	12,0	11,5	95	694,1	22

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

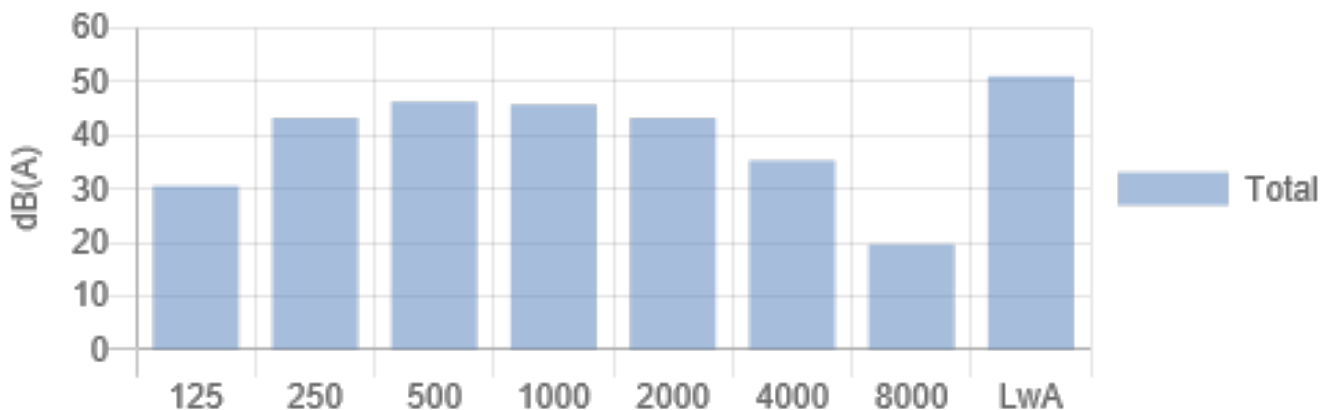
Fs [n.]	Qa [m³/h]	LwA [dB(A)]	Pe [W]	Pt [W]	Db [°C]	Wb [°C]	Rh [%]	Qw [l/h]	Dp [kPa]
V1	330	37,0	30	2.274	40,7	20,8	15	394,5	6
V2	460	44,0	43	3.129	40,5	20,7	15	542,9	11
V3	600	51,0	57	3.888	39,5	20,4	16	674,6	16

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) -	30,5	43,2	46,2	45,7	43,2	35,3	19,6	51

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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