

**Configuration**

Model: FCZ550AF

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	400	42,0	38	2.910	2.070	11,0	10,8	98	500,6	11
V2	600	51,0	52	4.130	2.980	11,6	11,3	96	710,5	21
V3	720	56,0	76	4.795	3.490	12,0	11,6	96	824,9	28

**Heating**

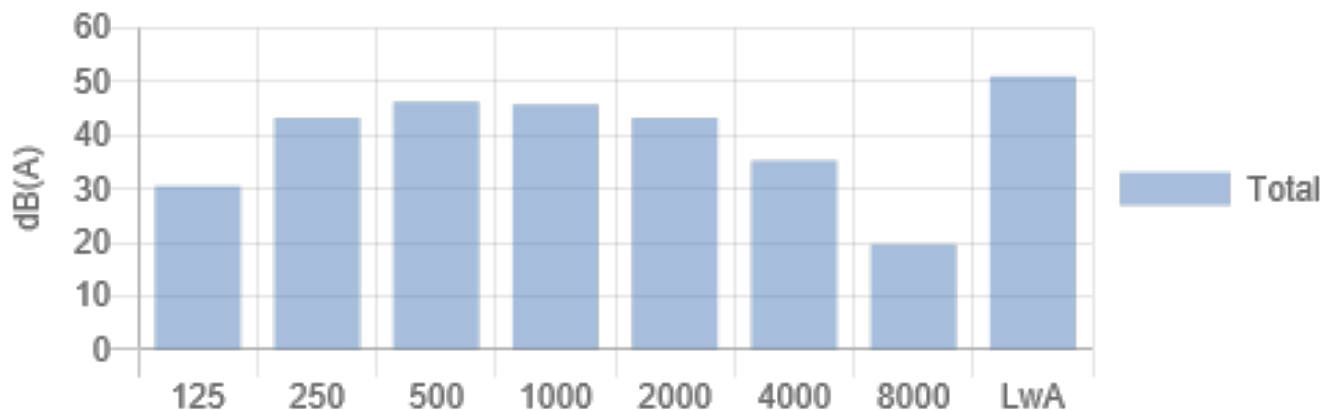
Dry bulb air inlet temperature	°C	20,0
Relative humidity air inlet	%	50
Inlet water temperature	°C	45,0
Outlet water temperature	°C	40,0
Ethylene glycol	%	0

Fs [n.]	Qa [m³/h]	LwA [dB(A)]	Pe [W]	Pt [W]	Db [°C]	Wb [°C]	Rh [%]	Qw [l/h]	Dp [kPa]
V1	400	42,0	38	2.895	41,8	21,1	14	502,4	10
V2	600	51,0	52	4.147	40,8	20,8	15	719,5	19
V3	720	56,0	76	4.851	40,3	20,6	15	841,6	26

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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