



CVAT-N

5137848600 - CVAT/4-560 (230/400V50HZ) TP N8 - ACOUSTIC CABINET FANS



New direct driven acoustic cabinet fans with improvements in tightness, robustness, ease of assembly and repairability. Low noise ventilation units, manufactured with aluminum profiles and sandwich panels, with non-flammable acoustic insulation (M0) of 25 mm thick fiberglass, centrifugal impeller with backward blades and dynamically balanced. Able to be installed in any intallation position. Standard configuration with in-line airstream but with outlet discharge easily modified to adapt to the installation. Single-phase version [TENSIÓN]V±10% 50/60Hz, IP55, F class, thermal protector and speed controllable by tension. Working temperature from -40°C to 50°C.
 - Three-phase version 3-230/400V-50HzV±10% 50/60Hz, IP55, IP55 class, thermal protector and speed controllable by frequency. Working temperature from -40°C to 50°C. Brand S&P model CVAT/4-560 (230/400V50HZ) TP N8.

Theoretical Working Point

Airflow	-
Static Pressure	0,000 N/m ²
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50 Hz

Construction

Discharge diameter	560 mm
Fan size	560
Weight	81,00 kg

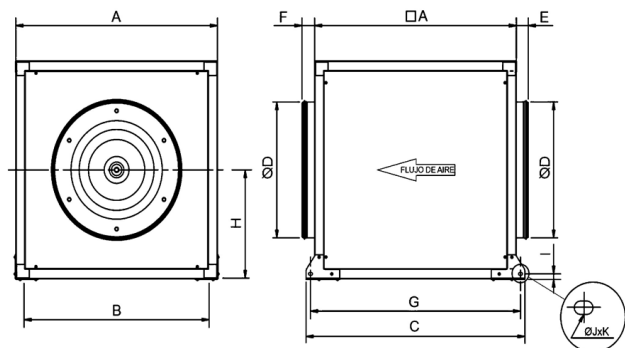
Motor Characteristics

Number of poles	4
Voltage	3-230/400V-50Hz
Maximum absorbed current	7,4 A / 4,2 A
IP Rating	IP55
Motor insulation class	F

Working Point

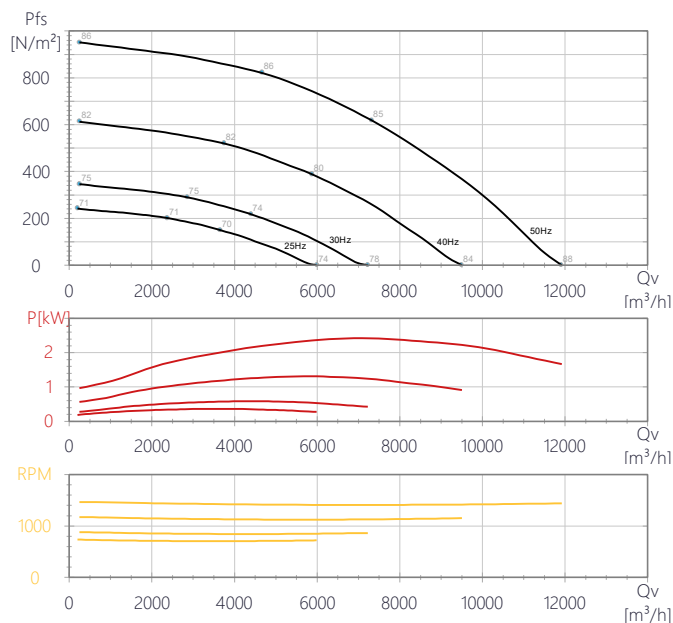
Fan speed	1430
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Drawing (mm)



A	B	C	ØD	E	F	G	H	I	ØJ	K
1000	920	1079	560	45	55	1039	500	23	12	18

Performance Chart(s)





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Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	51	75	79	84	80	80	81	73	89
Inlet LpA @ 1m	40	64	68	73	69	69	70	62	78
Outlet (LwA)	53	67	76	86	92	85	84	73	94
Outlet LpA @ 1m	42	56	65	75	81	74	73	62	83
Surrounding (LwA)	42	70	69	70	67	70	72	61	78
Surrounding LpA @ 1m	31	59	58	59	56	59	61	50	67





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ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	CVAT/4-560 (230/400V50HZ) TP N8
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	1,96
Pelec (kW)	2,42
SFPint (W/m3/s)	1,2359491279298898
Face velocity (m/s)	7,96
$\Delta p_{s,ext}$ (Pa)	643,27
$\Delta p_{s,int}$ (Pa)	NA
$\Delta p_{s,add}$ (Pa)	NA
Static efficiency fans (%)	52
External leakage rate (%)	1
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	85
Website	https://www.solerpalau.com/