



CAB-ECOWATT

5113225800 - CAB-315 ECOWATT N 230V50/60HZ N8 - ACOUSTIC CABINET FANS



Airtight ventilation boxes, low noise level, made of galvanized steel sheet, with non-flammable (M0) acoustic insulation of 50 mm thick fiberglass, acoustic silencer on the inlet, airtight seals on inlet and outlet, airtight rotary pull-type latches for easy opening, and backward-curved centrifugal fan. Brushless DC motor with high efficiency and low consumption, 230V±15% 50/60Hz power supply, IP44, ball bearings, thermal protection, IP55 terminal box with ON/OFF switch, built-in potentiometer to adjust speed from 0 to 100% and analog input to control the fan with a 0–10V signal. Operating temperature from -20°C to +40°C.

Other data

Can be installed in any position in indoor installations. Suitable for outdoor installation in horizontal position with protection on inlet and outlet.

Theoretical Working Point

Airflow	-
Static Pressure	0,000 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	50/60 Hz

Construction

Discharge diameter	315 mm
Fan size	315
Weight	27,90 kg

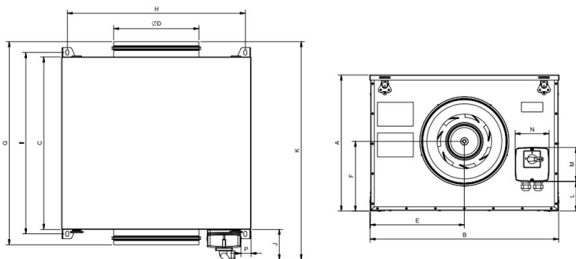
Motor Characteristics

Voltage	1-230V-50Hz
Maximum absorbed current	1,0 A
IP Rating	IP44
Motor insulation class	B

Working Point

Fan speed	2975
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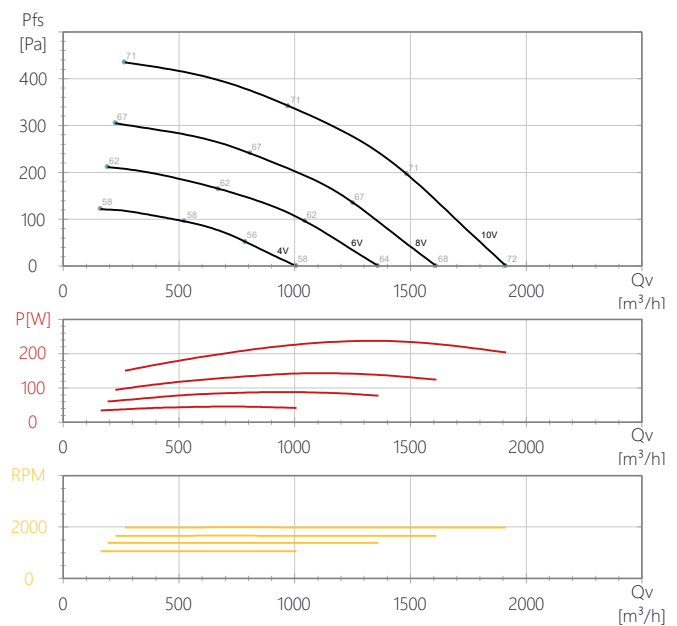
Drawing (mm)



A	B	C	D	E	F	G	H	I	J	K
445	609	556	315	305	221	665	575	581	89	710

L	M	N	P
87	100	100	30

Performance Chart(s)



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	41	54	67	67	66	63	59	57	72
Inlet LpA @ 1m	30	43	56	56	55	52	48	46	61
Outlet (LwA)	47	57	66	59	64	60	53	46	70
Outlet LpA @ 1m	36	46	55	48	53	49	42	35	59
Surrounding (LwA)	42	48	65	54	57	54	49	46	66
Surrounding LpA @ 1m	31	37	54	43	46	43	38	35	55