



# CAB-ECOWATT

5113225900 - CAB-355 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 <sup>3</sup>
Frequency	50/60 Hz

## Construction

Discharge diameter	355 mm
Fan size	355
Weight	31,50 kg

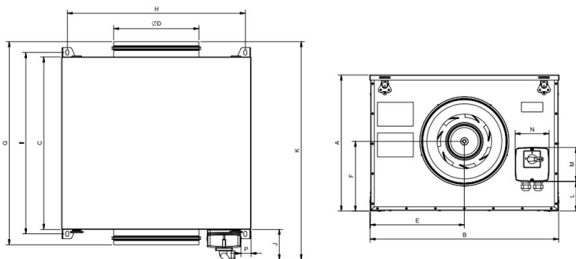
## Motor Characteristics

Voltage	1-230V-50Hz
Maximum absorbed current	1,4 A
IP Rating	IP44
Motor insulation class	B

## Working Point

Fan speed	2975
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## Drawing (mm)

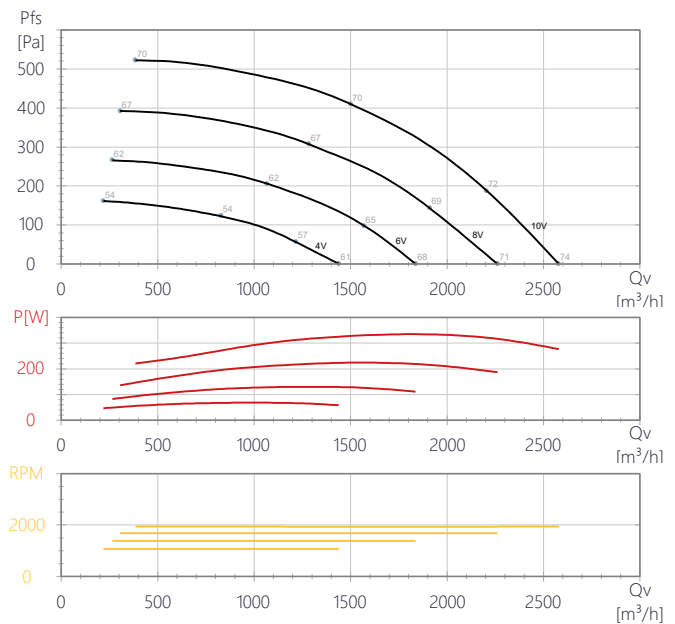


A	B	C	D	E	F	G	H	I	J	K
505	699	579	355	350	252	728	668	605	89	773

L	M	N	P
87	100	100	30

## Performance Chart(s)



## Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
<b>Inlet (LwA)</b>	46	58	67	67	67	66	64	63	74
<b>Inlet LpA @ 1m</b>	35	47	56	56	56	55	53	52	63
<b>Outlet (LwA)</b>	52	59	63	62	66	62	55	49	70
<b>Outlet LpA @ 1m</b>	41	48	52	51	55	51	44	38	59
<b>Surrounding (LwA)</b>	41	49	62	53	55	53	48	49	64
<b>Surrounding LpA @ 1m</b>	30	38	51	42	44	42	37	38	53