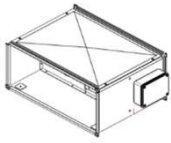




MELLIZO XL ECOWATT

L0111000001274 - MELLIZO 3000 ECOWATT XL



Acoustic twin cabinet fans manufactured from galvanised steel sheet and internally lined with 25mm thickness of fireproof acoustic insulation (M0).

Incorporating a pitched lid, all are suitable for external siting.

All models incorporate two SP ECOWATT backward curved centrifugal fans, brushless EC motors with thermal overload protection.

All fans comply with the efficiency requirements of the ErP Directive.

Integral control unit providing automated run and standby by tachometer/low current sensing, duty-sharing adjustable from 3 to 24 hours, (in 3 hour steps) and BMS output/remote fault indication.

Remote On/Off via volt-free contact and/or 230V signal.

Variable Speed Control, manually via an optional secondary SP REB ECOWATT or REB-CVF controller, or automated via a 0-10V signal from an external source.

Installer-defined Fixed Speed Control either continuous or on-demand (triggered by an external switch), or one, two or three speeds defined during installation to provide a minimum/middle/maximum speed ventilation system, the middle and maximum speeds being selected by an external switch/sensor (either volt-free and/or 230V).

Integral over-run timer.

Digital Display of running, stopped and/or fault condition

Project: Replacement of TWIN ECOWATT fan - Reference: TWIN fan

Theoretical Working Point

Airflow	0,611 m³/s
Static Pressure	50 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m³
Frequency	50 Hz

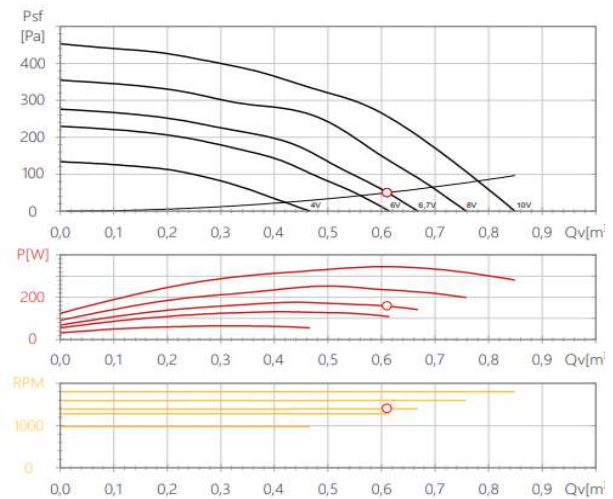
Working Point

Airflow	0,611 m³/s
Static Pressure	50 Pa
Dynamic pressure	23,0 Pa
Total Pressure	73 Pa
Input power	0,157 kW
Outlet speed	6,2 m/s
Fan speed	1394 rpm
Specific Fan Power	0,26 W/l/s
Specific Fan Power reg	0,26 W/l/s
Voltage speed control	6,7 V

Motor Characteristics

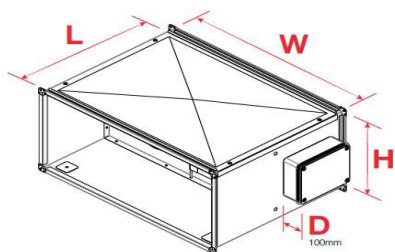
Voltage	1-230V-50Hz
Maximum absorbed current	1,4 A
IP Rating	IP44
Motor insulation class	B

Performance Chart



Sound Performance

Drawing



	63	125	250	500	1k	2k	4k	8k	Ov
Inlet (LwA)	39	54	66	69	65	64	60	53	7
Inlet LpA @ 3m	18	34	46	48	44	43	39	33	5
Outlet (LwA)	46	46	59	59	66	63	58	50	6
Outlet LpA @ 3m	25	25	39	39	46	42	38	30	4
Breakout (LwA)	35	45	52	50	50	51	50	42	5
Breakout LpA @ 3m	14	25	31	30	30	31	29	22	3

L	W	H	D	Weight
860	1240	590	105	102

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