



TD-SILENT

5211360400 - TD-350/125 SILENT (230-240V 50/60) RE - IN-LINE DUCT FANS



Low profile "Mixed-flow" fans with sound-absorbent insulation. Extremely quiet Certified of Approval Noise Abatement Society. Manufactured in plastic material, with a specifically designed internal skin to direct the sound waves at the right angle for them to be captured by the sound-absorbent material. Fitted with rubber gaskets on the inlet and outlet to absorb vibrations, a body that can be dismantled. Connection box can be rotated 360°, to facilitate easy connection of the power cable.

Motors

Speed controllable 230V-50Hz motor, of two speed motors. IP44. Motors are class B, with ball bearings and safety thermal overload protection.

Additional information

The models offer solutions to ventilation problems, especially in places where people work and low sound level is required.

Brand S&P model TD-350/125 SILENT (230-240V 50/60) RE.

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	125 mm
Fan size	125
Weight	4,45 kg

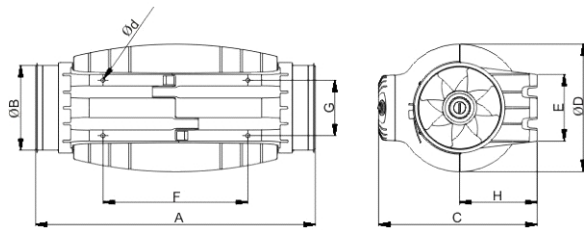
Motor Characteristics

Number of poles	2
Voltage	1-230V-50Hz
Maximum absorbed current	0,1 A
IP Rating	IP44
Motor insulation class	B

Working Point

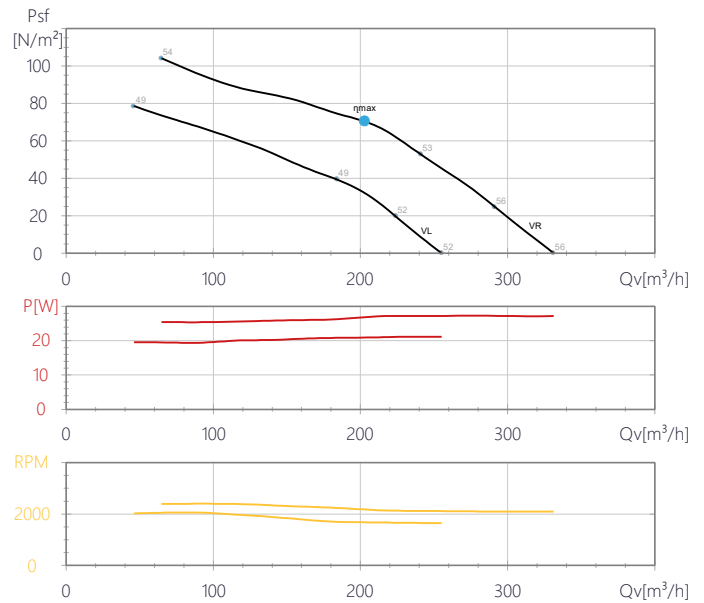
Fan speed	2100
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Drawing



A	B	C	D	E	F	G	H	d
462	123	252	204	100	250	83	121	5.4

Performance Chart





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Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	23	30	45	53	51	46	40	31	56
Inlet LpA @ 1m	12	19	34	42	40	35	29	20	45
Outlet (LwA)	23	31	44	51	49	43	38	31	54
Outlet LpA @ 1m	12	20	33	40	38	32	27	20	43
Surrounding (LwA)	20	27	38	42	39	32	24	17	45
Surrounding LpA @ 1m	9	16	27	31	28	21	13	6	34





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ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
ProductoComercial	TD-350/125 SILENT (230-240V 50/60) RE
Identifier	5211360400
SEC average climate (kWh/(m2.an))	-13,2
SEC class	NA
SEC cold climate (kWh/(m2.an))	-29,6
SEC warm climate (kWh/(m2.an))	-3,8
Typology	RVU unidirectional
Type of drive	2-speed
Type of HRC	None
Thermal efficiency (%)	0
Maximum flow rate (m3/h)	232
Electrical power input at maximum flow rate (W)	26,9
Sound power level (LWA)	42
Reference flow rate (m3/s)	0,046
Reference pressure difference (Pa)	45
SPI (W/m3/h)	0,126
Control factor	1
Control typology	Manual
Maximum internal leakage for BVU (%)	Not applicable
Maximum external leakage for BVU and UVU (%)	3
Mixing rate for BVU without duct connection (%)	Not applicable
Position of visual filter warning	Not applicable
description of visual filter warning	Not applicable
Instructions to install supply grilles	F&W Leaflet
Instructions to install exhaust grilles	F&W Leaflet
https://www.solerpalau.com/	
Airflow sensitivity to pressure variation	Not applicable
Indoor/outdoor air tightness (m3/h)	Not applicable
Annual electricity consumption - Average climate (kWh/a)	158
Annual electricity consumption - Warm climate (kWh/a)	158
Annual electricity consumption - Cold climate (kWh/a)	158
Annual heating saved - Average climate (kWh/a)	1715
Annual heating saved - Warm climate (kWh/a)	776
Annual heating saved - Cold climate (kWh/a)	3355