



TD-SILENT

5211360600 - TD-250/100 SILENT (230-240V 50/60) RE - IN-LINE DUCT FANS



Low profile "Mixed-flow" fans with sound-absorbent insulation. 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. . Motors are class , 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-250/100 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	100 mm
Fan size	100
Weight	4,63 kg

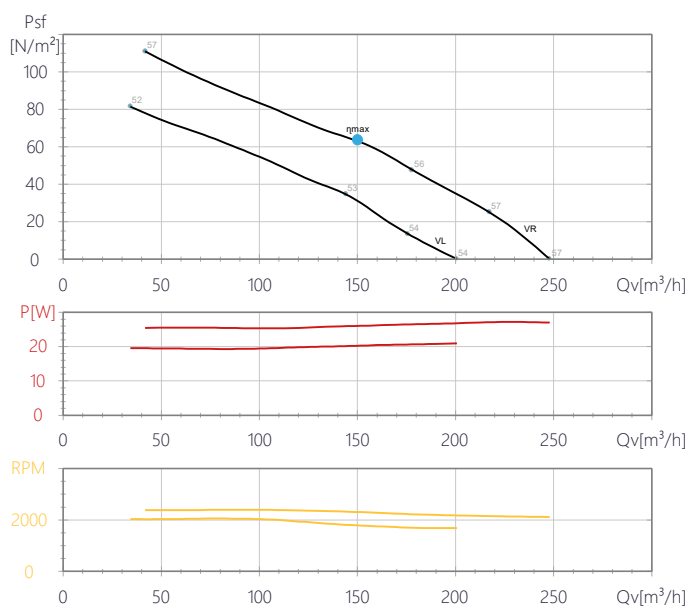
Motor Characteristics

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

Working Point

Fan speed	2402
-----------	------

Performance Chart





TD-SILENT

5211360600 - TD-250/100 SILENT (230-240V 50/60) RE - IN-LINE DUCT FANS

Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	25	33	42	51	55	47	41	34	57
Inlet LpA @ 1m	14	22	31	40	44	36	30	23	46
Outlet (LwA)	25	35	40	51	49	42	39	32	54
Outlet LpA @ 1m	14	24	29	40	38	31	28	21	43
Surrounding (LwA)	23	30	37	40	39	34	27	22	44
Surrounding LpA @ 1m	12	19	26	29	28	23	16	11	33





TD-SILENT

5211360600 - TD-250/100 SILENT (230-240V 50/60) RE - IN-LINE DUCT FANS

ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
ProductoComercial	TD-250/100 SILENT (230-240V 50/60) RE
Identifier	5211360600
SEC average climate (kWh/(m2.an))	-12,1
SEC class	NA
SEC cold climate (kWh/(m2.an))	-28,5
SEC warm climate (kWh/(m2.an))	-2,7
Typology	RVU unidirectional
Type of drive	2-speed
Type of HRC	None
Thermal efficiency (%)	0
Maximum flow rate (m3/h)	174
Electrical power input at maximum flow rate (W)	26
Sound power level (LWA)	41
Reference flow rate (m3/s)	0,034
Reference pressure difference (Pa)	44
SPI (W/m3/h)	0,162
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)	203
Annual electricity consumption - Warm climate (kWh/a)	203
Annual electricity consumption - Cold climate (kWh/a)	203
Annual heating saved - Average climate (kWh/a)	1715
Annual heating saved - Warm climate (kWh/a)	776
Annual heating saved - Cold climate (kWh/a)	3355