

**TD-SILENT
ECOWATT**

- In-line mixed flow
- Circular
- Plastic / Metal
- Ultra-Quiet duct fan
- EC



Circular Duct Fan type TD-SILENT ECOWATT

Ultra-quiet circular duct fans with brushless EC motor

Application

Suitable for any kind of ventilation application where the noise level of the ventilation system is of particular importance and, due to continuous operation, a significant energy saving is desirable.

It is also suitable for applications that require a Demand Controlled Ventilation System involving the use of other sensors or controls.

Composition

- **Models 350 to 1000**
- Low profile "Mixed-flow" fans with sound-absorbent insulation, extremely quiet
- Fan casing manufactured in plastic material, with a specially designed internal skin to direct the sound waves at the right angle for them to be captured by sound-absorbent material
- Fitted with flexible rubber seals on the inlet and outlet to absorb vibrations
- With an external connection box
- A body that can be removed without dismantling the adjacent ducting and therefore facilitating any installation or maintenance.
- Brushless EC motor, high efficiency and low consumption, suitable for single phase supply 230V±15%/50-60Hz, IP44, thermal overload protection.
- Fan speed 100% adjustable with the potentiometer placed in the connection box or with an external control type REB-ECOWATT.
- Analogue input with terminals in the terminal box to control the fan with 0-10V input signal.
- Models are suitable for mounting in any orientation and operation within ambient air temperatures between -20°C up to +40°C.

Models 1300 and 2000

- Low profile "Mixed-flow" fans with sound-absorbent insulation, extremely quiet
- Manufactured from heavy gauge sheet steel protected by a tough epoxy polyester paint coating
- Acoustic insulation (MO) glass fibre
- Outer shell and aerodynamic inlet to improve airflow and reduce sound.
- A body that can be removed without dismantling the adjacent ducting and therefore facilitating any installation or maintenance.
- Brushless EC motor, high efficiency and low consumption, suitable for single phase supply 230V±15%/50-60Hz, IP44, thermal overload protection.
- Fan speed 100% adjustable with the potentiometer placed in the connection box or with an external control type REB-ECOWATT.
- Analogue input with terminals in the terminal box to control the fan with 0-10V input signal.
- Models are suitable for mounting in any orientation and operation within ambient air temperatures between -20°C up to +40°C.

Model	Diam. mm	Input Voltage V	Speed rpm	Technical Data		Max. airflow m ³ /h	Sound pressure level LpA @ 3m in d(BA)			Weigh kg
				Max. absorbed power W	Max. absorbed current A		Inlet	Outlet	Radiated	
TD-350/100-125 SILENT ECOWATT	100/125	10	2235	19	0.14	350	36	29	34	5.0
		8	2000	15	0.11	305	34	32	31	
		6	1580	10	0.07	240	28	28	26	
		4	1170	7	0.06	180	30	24	31	
TD-500/150-160 SILENT ECOWATT	150/160	10	2510	39	0.25	545	44	43	33	6.0
		8	2300	32	0.23	500	41	41	30	
		6	1800	18	0.13	390	36	35	26	
		4	1320	10	0.08	240	30	31	23	
TD-1000/200 SILENT ECOWATT	200	10	2470	99	0.66	1000	46	53	34	8.7
		8	2120	64	0.46	860	42	48	31	
		6	1660	34	0.25	675	37	43	30	
		4	1220	17	0.12	485	30	34	25	
TD-1300/250 SILENT ECOWATT	250	10	2460	143	0.6	1240	46	34	53	9.5
		8	2035	88	0.4	1040	43	31	49	
		6	1645	54	0.3	810	38	30	43	
		4	1200	29	0.2	580	30	25	34	
TD-2000/315 SILENT ECOWATT	315	10	2520	247	1.0	1660	52	41	57	14.0
		8	2075	146	0.6	1380	43	31	49	
		6	1690	85	0.4	1120	38	30	43	
		4	1230	41	0.2	790	30	25	34	