

Delivering Precise Control and Efficiency



The fully adjustable **TD-P EcoWatt** inline fan, manufactured from recycled plastic, delivers an innovative and highly efficient EC solution for both domestic and commercial ventilation applications. The range features an on-board variable speed controller, along with provisions for BMS integration or external 0–10V control connections.



An Energy Efficient Solution

Continual increases in energy costs have created greater demands for products and systems that minimise energy usage.

The TD-P EcoWatt in-line fan is engineered to deliver highly efficient mixed-flow performance with low energy consumption, making it ideal for both domestic and commercial applications. Speed can be adjusted using the on-board potentiometer located on the unit, or remotely via a 0–10V analogue input signal.

The Eco-Friendly In-line Fan

The TD-P EcoWatt is constructed from recycled plastic, which promotes sustainability and reduces negative environmental impacts. Recycling products and equipment are vital to promoting sustainability and reducing environmental harm. Repurposing the materials of a product or manufactured item is one of Fantech's contributions to achieving this goal.



Key Features

- 2 fan sizes: Suits 150mm and 200mm duct diameters
- Comes with 3-pin plug and lead
- Speed controllable via on-board potentiometer or external 0-10V signal
- BMS compatible
- Optimised impeller, guide vanes, and outlet diffuser for low noise operation
- Main fan body is easily removed without dismantling ducting
- Highly efficient single-phase brushless EC motor
- Rated Class B Insulation, IP44
- Junction box can be rotated to any position



Optimised Impeller Design

The low-profile compact design of the TD-P EcoWatt makes it well suited for ventilation applications where space is limited such as hotels and apartments.

Its optimised impeller design, guide vane and outlet diffuser helps increase air flow performance.

The silent block between the motor and the guide vane helps reduce motor vibration and lowers the overall sound level



Purpose Built for Easy Installation

Installation and maintenance of the TD-P EcoWatt is made simple with an easy-to-remove fan body. This allows for the support bracket to be easily screwed into place and the ductwork attached. It has an airtight construction with double injection sealing between the main body and the support bracket to avoid air leaks. Rubber gaskets are also on the flanges for improved airtightness with the attached ducts.



Easy to install



Energy saver



Quiet operation



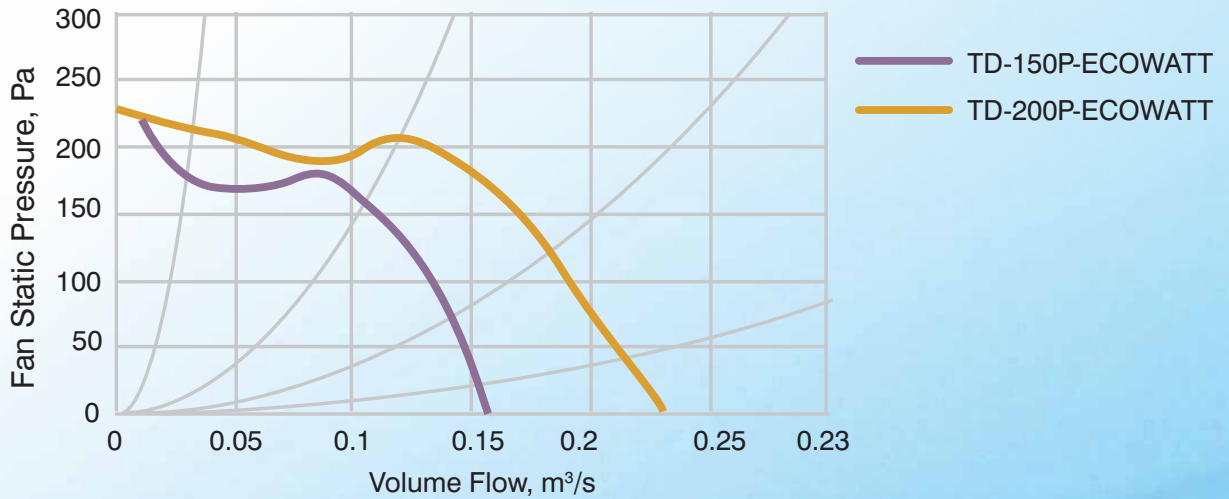
BMS Compatible



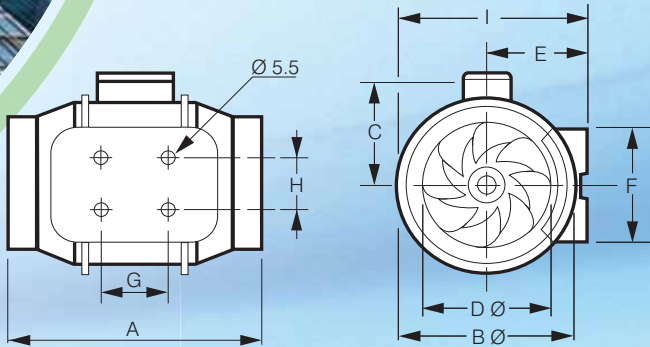
Speed controllable



Performance Curve



Dimensions



Model Number	A	B	C	DØ	E	F	G	H	I	App. Wt. kg
TD-150P-ECOWATT	295	200	127	147	112	130	80	60	212	2.1
TD-200P-ECOWATT	302	207	141	198	124	140	100	94	227	4.9

Dimensions in mm

Technical Data

Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m*	TD-EVO-...1ph Watts	TD-EVO-...1ph Amps	Max. amb °C
TD-150P-ECOWATT	43	46	41	0.3	40
TD-200P-ECOWATT	38	47	65	0.5	40

Scan the QR Code for more information



Noise Level

Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m*	In-duct Sound Power Levels LwdB re 1pW							
			63	125	250	500	1k	2k	4k	8k
150P-ECOWATT	Inlet	46	66	60	70	63	58	60	55	49
	Outlet	45	62	54	64	64	59	57	54	49
	Breakout	34	41	31	48	39	47	52	40	30
200P-ECOWATT	Inlet	47	51	53	63	66	59	62	55	48
	Outlet	49	50	53	65	70	61	60	56	47
	Breakout	34	40	28	48	41	45	53	39	32

* Sound levels taken at medium-level pressure



FANTECH

Intelligent Ventilation

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Specifications and design subject to change without notice.