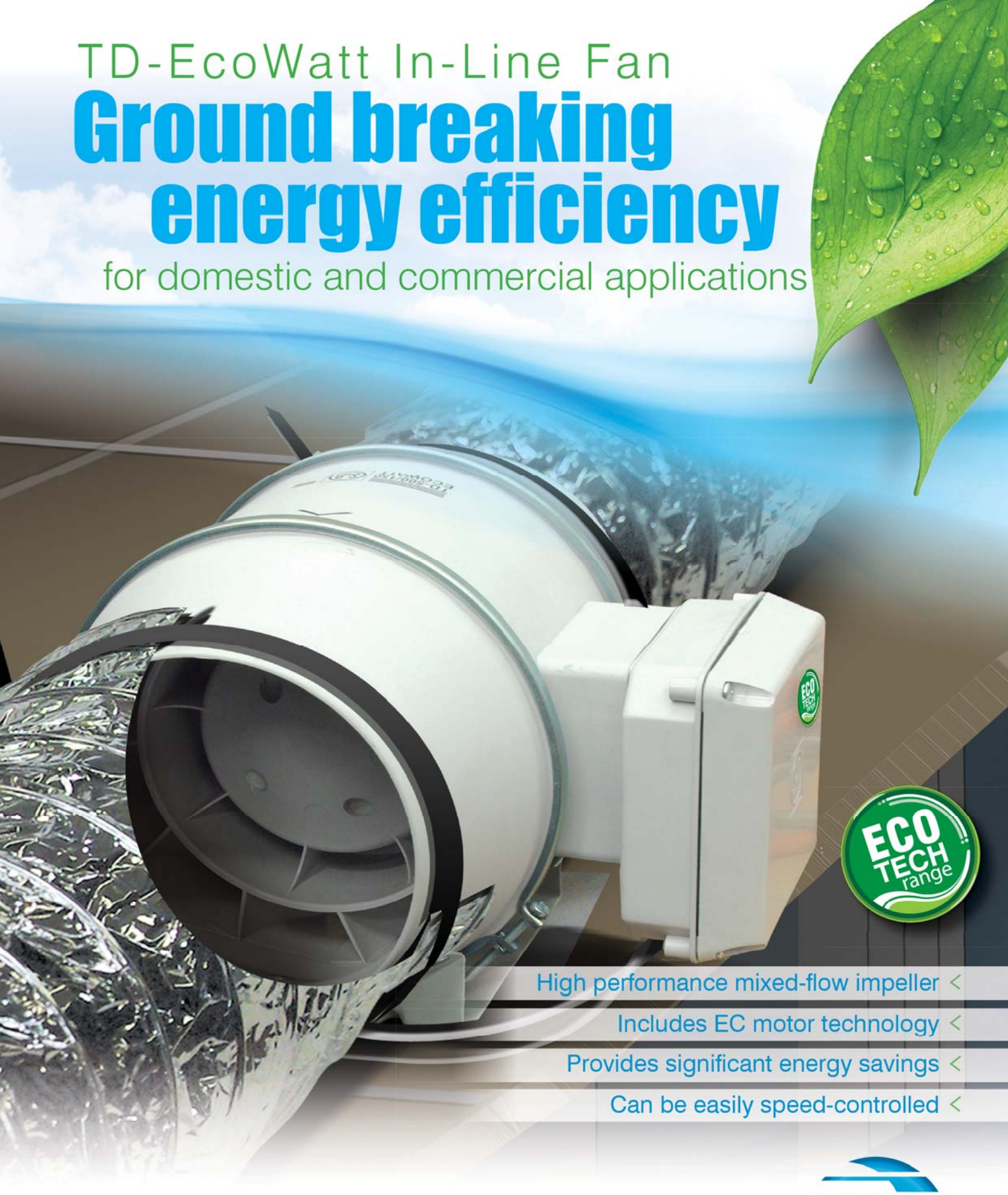
TD-EcoWatt In-Line Fan

Ground breaking energy efficiency

for domestic and commercial applications



- High performance mixed-flow impeller
- Includes EC motor technology
- Provides significant energy savings
- Can be easily speed-controlled

The **TD-EcoWatt mixed-flow** fans provide an innovative and highly efficient solution for domestic and commercial ventilation needs. The range offers a significant reduction in energy consumption by incorporating the latest electronically commutated (EC) motor technology.

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Includes the high performance mixed-flow impeller

The TD-EcoWatt In-Line Fan has been designed to provide high performance with low energy consumption for domestic and commercial applications.

Based on the highly efficient and robust Mixvent TD design, the TD-EcoWatt features a mixed-flow impeller that ensures strong air flow in ducted applications. It also features a brushless electronically commutated (EC) DC motor while utilising AC supply. This provides exceptional energy savings and improves the motor's lifespan.

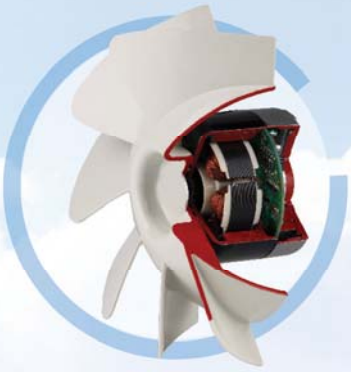
The TD-EcoWatt is ideal for continuous use or can be incorporated into a demand controlled system that uses a 0 to 10V signal.

The compact design of the TD-EcoWatt makes it suitable for ventilation applications where space is limited such as hotels and apartments. They are also ideal for hot or cold air transfer from one room to another.

Features

- Highly efficient EC-DC motor performance characteristics from single-phase AC supply
- Provides significant savings in energy consumption
- Tough and reliable design with virtually no maintenance required
- Can be easily speed controlled from 10% to 100% with a 0 to 10V signal or manual potentiometer
- Built-in motor protection
- Quiet low noise output, especially when speed controlled
- Main fan body is easily removed without dismantling ducting
- 100mm to 200mm models include an in-built potentiometer controller to vary speed

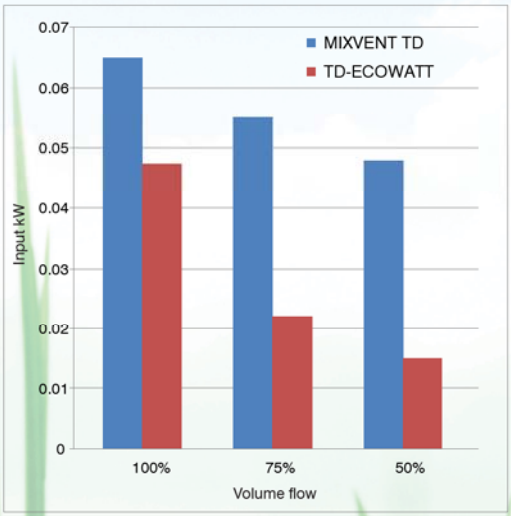
The TD-EcoWatt fan body is easily installed and removed from the ductwork.



The brushless DC motor makes it suitable for continuous running.

Power Consumption Comparison

Based on TD-500/150 model



Performance Data

Model	Duct Ø mm	Speed r/s	Air Vol. m^3/s	Power kW	Amps	dB(A) @ 3m
TD-250/100ECO	100	40	0.07	0.02	0.17	35
TD-350/125ECO	125	40	0.10	0.02	0.17	34
TD-500/150ECO	150	43	0.16	0.05	0.35	36
TD-800/200ECO	200	39	0.29	0.10	0.75	38
TD-1300/250ECO	250	42	0.34	0.15	0.62	46
TD-2000/315ECO	315	42	0.46	0.26	1.07	50

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ECO TECH range

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