

# TT Silent - M Series

Acoustic In-line mixed flow fans  
with air capacity up to 1950m<sup>3</sup>/h

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## Product



## Casing

- Outer casing is made of black polymer coated steel with 50mm mineral wool layer
- The inner casing perforation lets sound waves pass through the holes, providing sound attenuation in a broad frequency band
- Inner casing and impeller are made of high quality durable ABS plastic
- Conic impeller with special blade profiling along with the diffuser and the vanes at the casing outlet, increase the air flow speed and provide higher pressure and air capacity

## Mounting

- Can be mounted in most places and at any angle within the ductwork system
- Several fans in one system
- Contain fixing brackets for fastening the fan to the floor, wall or ceiling.

## Features and Benefits

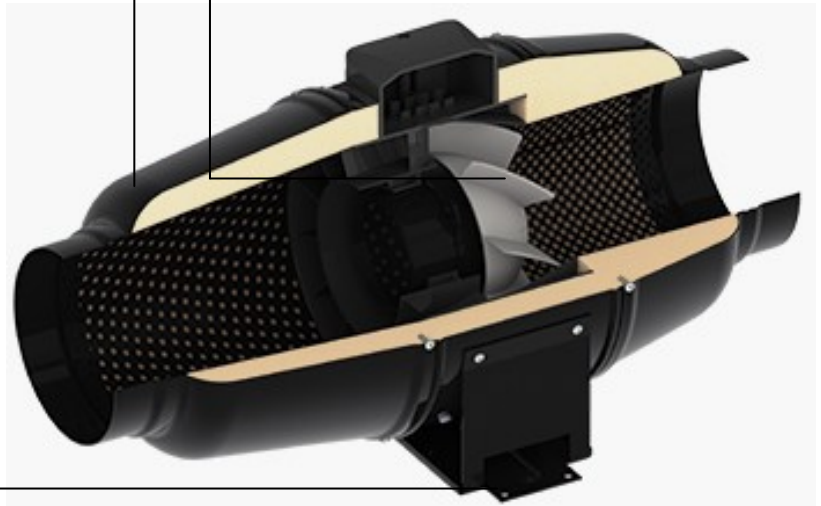
The new **TT Silent—M** fan is covered by a specially designed heat and sound insulated casing that provides low noise operation

Used for efficient supply and exhaust ventilation of commercial and industrial buildings with requirements for low noise acoustic ventilation.

The fan is compatible with round air ducts from 100mm up to 315mmØ and produces a maximum air flow of 1950m<sup>3</sup>/m

## Motor

- Single-phase energy efficient double speed motor with low energy demand
- Thermal switches prevents the motor from overheating
- Extended motor service life up to 40,000hrs due to ball bearings
- IPX4 ingress protection rating



# TT PRO Series

## In-line mixed flow fans with air capacity up to 1950m<sup>3</sup>/h

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### Speed Control



TT Silent M fan with a built in speed controller



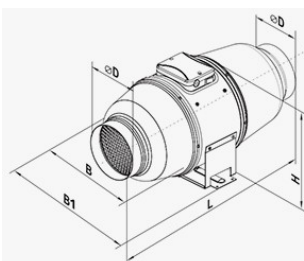
TT Silent M fan with a three position speed switch



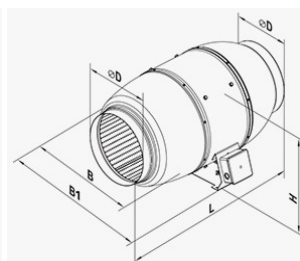
TT Silent M 'U' fan with a temperature sensor integrated inside the fan air duct.

### DIMENSION

MODEL	Dimension (mm)					
	ØD	B	B1	L	H	Mass KG
TT Silent M 100	98	215	243	505	237	4.6
TT Silent M 125	123	215	243	474	237	4.6
TT Silent M 150	147	247	274	580	260	6.1
TT Silent M 200	198	293	386	550	295	8.0
TT Silent M 250	248	358	445	658	360	15.0
TT Silent M 315	313	432	520	780	434	25.0



TT Silent M 100, 125 & 150



TT Silent M 200, 250 & 315

### TECHNICAL DATA

MODEL	Voltage (V) at 50 /60 Hz	Power Consumption (W)	Current (A)	Maximum air capacity (m <sup>3</sup> /h)	Noise Level at 3m (dB(A))	RPM (Min)
TT Silent M 100	230	24— 26	0.10—0.11	170-240	24-29	2030 - 2630
TT Silent M 125	230	25— 30	0.11—0.13	230-340	23-28	1650 - 2310
TT Silent M 150	230	45—52	0.20—0.23	405-555	26-33	1970 - 2645
TT Silent M 200	230	78— 110	0.35—0.49	810- 1020	31- 36	2015 - 2445
TT Silent M 250	230	127— 178	0.52—0.79	1050-1330	34-38	1965 - 2495
TT Silent M 315	230	213— 313	0.93—1.41	1530—1950	36-40	1975 - 2545



Protection Rating IPX4

