

VENTS TT Pro Series



ESC CODE:

- **VTT100** - 100mm
- **VTT125** - 125mm
- **VTTPRO150** - 150mm
- **VTTPRO200** - 200mm
- **VTTPRO250** - 250mm
- **VTTPRO315** - 315mm

Inline mixed-flow fans with the capacity up to 2050 m³/hr.

This fan is also available in a pack, refer to page 33.

ESC Code	oD	B	H	L
VTT100	96	167	190	246
VTT125	123	167	190	246
VTTPRO150	148	220.1	247	289
VTTPRO200	199	239	261	295.5
VTTPRO250	247	287	323	383
VTTPRO315	310	362	408	445



Applications

- High performance mixed flow fans.
 - For supply and exhaust ventilation of premises requiring high pressure, powerful air flow and low noise level.
 - Ventilation of bathrooms and kitchens and other humid premises as well as flats, cottages, shops, cafés etc.
 - Compatible with round air ducts from 100mm to 315mm.
- Vents TT fans are covered with 2 year warranty.

Design

- Modern design and aesthetic look.
- The casing and the impeller are made of high quality durable low-flammable polypropylene.
- Protection rating IPX4.
- Fan maintenance is fast and easy due to the removable central block from the casing, which includes the impeller and motor block (see image below).

Motor

- Single-phased double-speed motors with low energy demand.
- Designed for continuous operation.
- Equipped with thermal overheating protection.
- The ball bearings extend the motor service life up to 40,000 hours at non-stop operation.
- The inlet spigot is equipped with a collector to enable smooth air inlet to the fan. The hemispheric impeller shape and

specially profiled blades increase the air flow circular velocity and provide higher pressure and capacity as compared to standard axial fans.

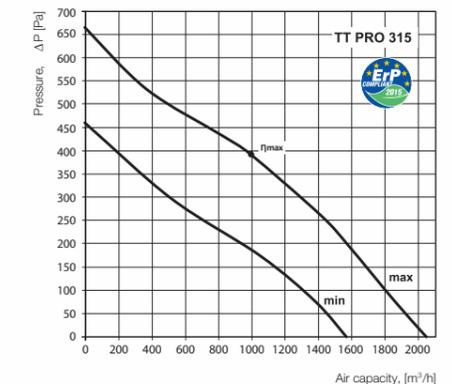
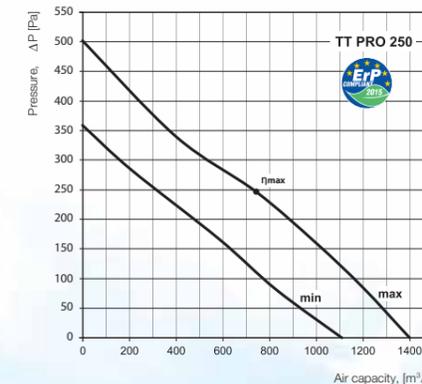
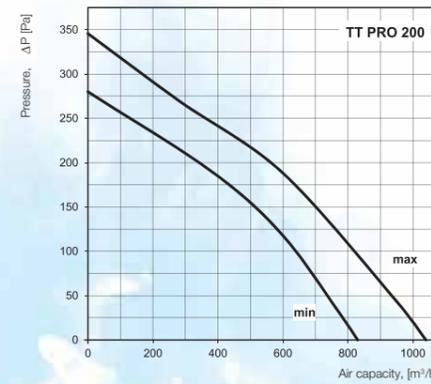
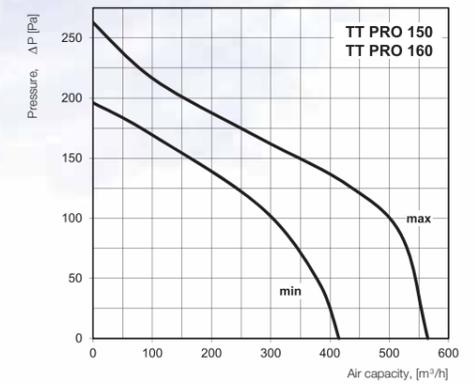
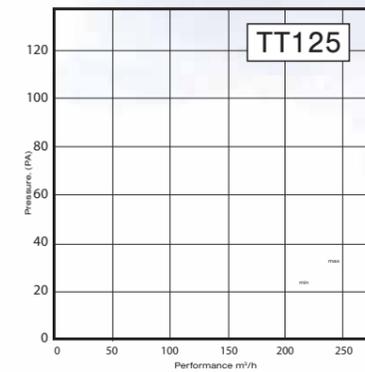
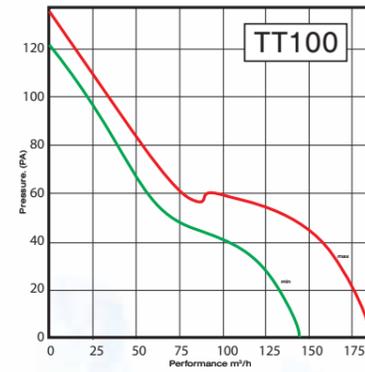
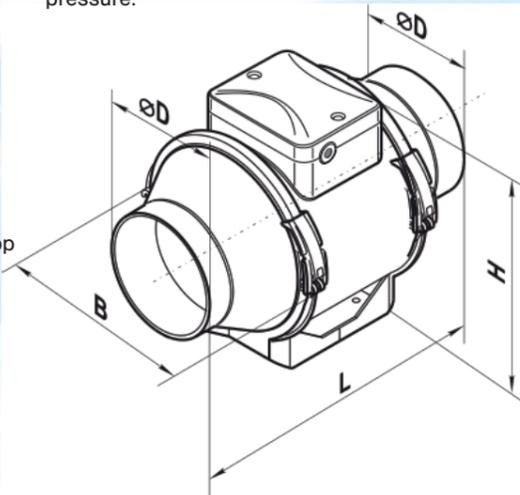
- The diffuser, the specially profiled impeller and the directing vanes at outlet from the fan casing distribute air flow in such a way as to attain the best combination of high performance, enhanced pressure and low noise.

Control

- The double-speed motors are controlled with a built-in switch.

Mounting Features

- The fans are suitable for mounting at any angle and any point of the system.
- Several fans may be installed inside one system e.g.
- Parallel mounting to increase air flow.
- Series mounting to increase operating pressure.



ESC Code	Speed	Voltage [V] at 50Hz	Power Consumption [W]	Current [A]	R.P.M	Maximum Air Capacity [m ³ /h]	Sound Pressure Level	Weight [kg]
VTT100	Min	1	21	0.11	2180	147	27	1.45
	Max	230	33	0.21	2385	187	36	1.45
VTT125	Min	1	23	0.18	1950	220	28	1.51
	Max	230	37	0.27	2455	280	37	1.51
VTTPRO150	Min	1	42	0.19	1940	415	37	2.1
	Max	230	50	0.22	2620	565	46	2.1
VTTPRO200	Min	1	76	0.34	1915	830	45	6.4
	Max	230	108	0.48	2380	1040	52	6.4
VTTPRO250	Min	1	125	0.54	1955	1100	47	8.3
	Max	230	177	0.79	2440	1400	55	8.3
VTTPRO315	Min	1	230	1	1890	1570	49	11.95
	Max	230	320	1.42	2430	2050	58	11.95

