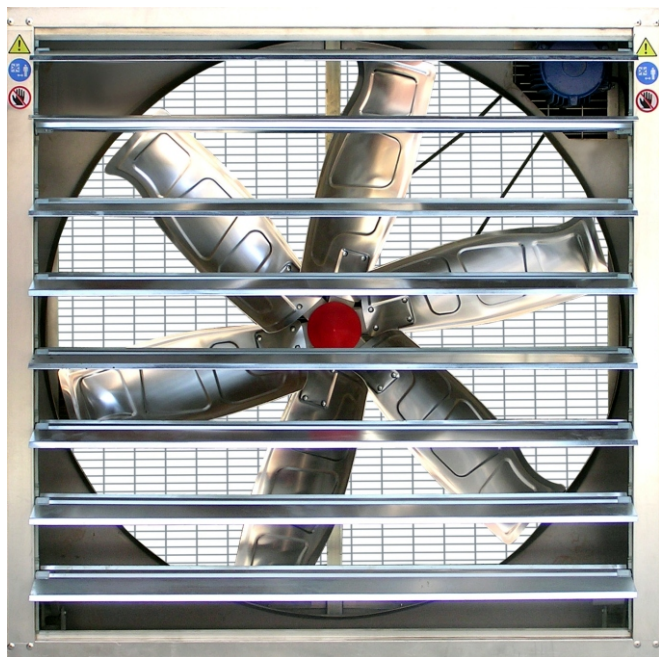


## Market leading fan technology



Four sizes available: 750 mm; 1000 mm; 1250 mm and 1400 mm - the largest in the trade. Optimized rotational speeds of the impellers ensure optimal power consumption.

Low power requirements due to the special fan blade designs.

Automatic belt tensioner, long life v-belt and large precision cast pulleys ensure optimal belt life and low maintenance.

Automatic shutter mechanism ensures a positive opening and closing of the galvanized steel shutters.

Available optionally without shutters.

Impellers are electronically balanced on state-of-the-art fan balancing machines.

All bearings are permanently sealed, and designed to provide an exceptionally long service life.

Electric motors have an IP55 protection rating. Class F insulation.

Applications: ventilation of greenhouses, poultry houses, factories, workshops, and warehouses.

## Venturatec

### EXHAUST, CIRCULATION AND VENTILATION FANS

The VT1400 is the largest fan of its type in the local marketplace, and boasts a 1400 mm (55") impeller with blades from durable and corrosion resistant aircraft grade aluminium. It is electronically balanced for optimal vibration-free operation. The impeller blades are of low noise design and self cleaning, requiring a minimum of power input. Made from aluminium, the impeller blades and the v-belt pulley prevent electrolysis between dissimilar metals (galvanized blades may corrode heavily in humid conditions if in contact with aluminium).

A long-life v-belt transmits power from the electric motor to the impeller, and a spring loaded belt tensioner ensures even belt tension, implying a minimum of maintenance. Large diameter die cast aluminium pulleys ensure optimal grip for the v-belt and an extremely long service life for the bearings and other rotating components.

The main impeller bearing is a high quality permanently sealed double row ball bearing with a service life of many years.

The frame or side plates and venturi around the impeller, are made from durable galvanized sheet metal. The side plates are equipped with M8 clinch nuts to allow easy mounting of the fan units. The automatic louvers are made from durable galvanized sheet metal. The louvers pivot in plastic bushes and are opened by air pressure as the fan starts up, kept in the fully opened position by a set of counter balances, ensuring minimum system drag and frictional losses. The louvers close positively when the impeller is not running.

The 1,5 kW, 3-phase, 4-pole speed (1440 r/min) electric motor was designed for minimum energy losses and a long operational life. The motor protection is IP55



Belt tensioners fitted as standard

Heavy duty, permanently sealed fan bearings



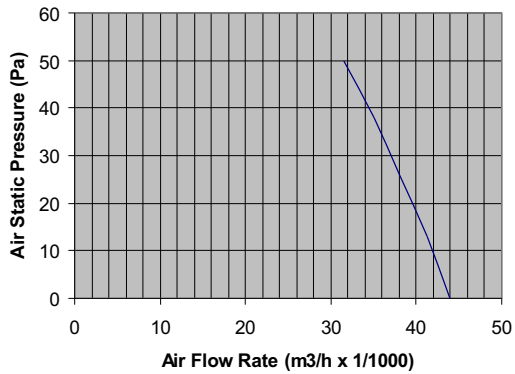
Ventilation of greenhouses, poultry houses, factories and warehouses.



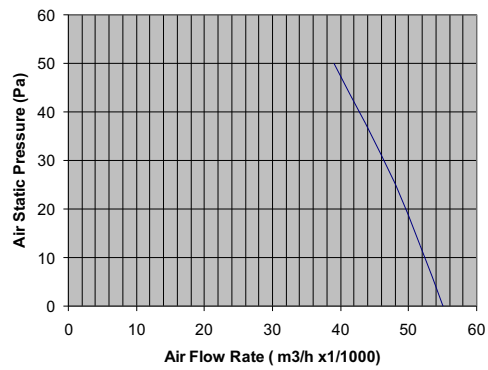
### Circulation fans

The housings and wire screens are made from stainless steel, while the impellers are from aluminium. The impeller diameter is 500 mm and they deliver 5500 m<sup>3</sup>/h free air. The motor protection is according to IP55 with class F insulation.

**VT1250 Performance Data**  
no louvers no wire screens



**VT1400 Performance Data**  
no louvers and no wire screens



Model number	Application	Diameter (Mm)	Motor power (kW)	Overall size (mm)	Noise level (dB)	Air flow rate (m <sup>3</sup> /h)	Air flow rate (m <sup>3</sup> /s)
<b>VT1400</b>	<b>Vent.</b>	<b>1400</b>	<b>1,5</b>	<b>1536x1536x400</b>	<b>&lt;70</b>	<b>55 000</b>	<b>15,2</b>
VT1250	Vent.	1250	1.1	1400x1380x400	<70	44 000	12,2
Vt1000	Vent.	1000	0,75	1100x1100x400	<70	35 000	9,7
Vt750	Vent.	750	0.55	820x820x380	<70	15 000	4,1
VTC1	Circ.SS	500	0.25	530x530x530	<70	5 500	1,6
VTC2	Circ.PC	500	0.25	530x530x530	<70	5 500	1,6

