

# TEV – The Energy saving Ventilator

3000 - 15000 m<sup>3</sup>/h/1765 - 8825 CFM system ventilators with low energy consumption

Energy saving Ventilators make a perfect match to any intelligent process ventilation system. PlymoVent introduces breakthrough technology with models from 3.000 - 15.000 m<sup>3</sup>/h/1765 - 8825 CFM and more on the way!

- + High Efficiency
  - + Low Power Consumption
  - + Low Noise Levels
  - + Quality Design
  - + Easy Installation
- 
- = Return on Investment

## Protective coating

PlymoVent fans are protected for long life by an epoxy powder coat finish which is perfect for most harsh environments. The T Series fans can also be manufactured in other materials. Call for more information.



## Easy-Access Impellers

All PlymoVent fan housings are designed for easy access to the impeller. Our design allows an installer or service technician to remove the motor and impeller wheel without removing inlet or outlet duct work or disassembling the fan housing for removal. It provides the installer the option of separating the fan into two pieces when mounting in confined locations above drop ceilings or tight access ways.



## High efficiency

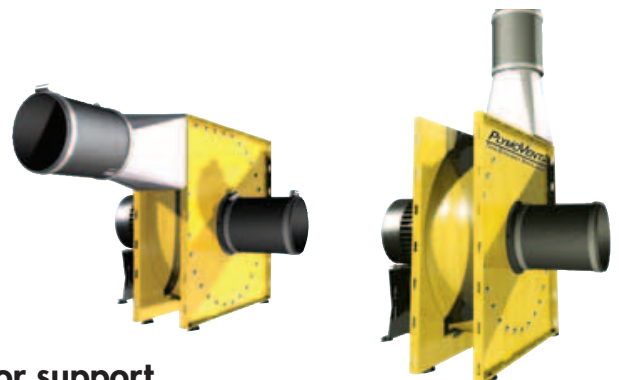
PlymoVent's mission is to design energy efficient products. PlymoVent utilizes, as standard equipment, high efficiency motors. This standard, in cooperation with our new design techniques, produces the lowest operating cost fan package offered in the world today. If you have an existing fan, you can replace it with a PlymoVent and reduce your operating costs.

**It is like hitting the jackpot!**



## Easy Mount Housing

The new T Series has been designed with slotted mounting channels on all four sides that allow for a wide variety of mounting techniques or options. This eliminates the cost for custom mounting suspensions or platforms.



## Motor support

For TEV-models with 4 - 11 kW/5 - 20 HP motor, a motor support is supplied as standard.

## TECHNICAL DATA – Conforms to CE standards / 50 Hz

Prod. no:	Motor kW	50 Hz Voltage	Rated Amperage	RPM	Weight kg/lb	Inlet size Ø mm/inch	Outlet size mm/inch
TEV-385-50	0,75	3-ph, 220-240/380-420	3,4/2,0	2800	31/68	160/6.3	160x252/6.3x9.9
TEV-585-50	2,2	3-ph, 220-240/380-420	8,2/4,9	2800	51/112	200/7.8	200x320/7.8x12.6
TEV-765-50	4,0	3-ph, 220-240/380-420	14,2/8,2	2800	78/172	250/9.8	220x400/8.7/15.7
TEV-985-50	7,5	3-ph, 400/690	13,9/-	2800	157/345	315/12.4	250x448/9.8x17.6

**Housing: Powder painted steel Impeller: Aluminum**

## TECHNICAL DATA – Conforms to NEMA standards / 60 Hz

Prod. no:	Motor Hp	60 Hz Voltage	Rated Amperage	RPM	Weight kg/lb	Inlet size Ø mm/inch	Outlet size mm/inch
TEV-359-60	2.0	3-ph, *	6.0/3.0/2.4	3450	36/80	200/7.87	160x252/6.3x9.92
TEV-3110-60	3.0	3-ph, *	8.0/4.0/3.2	3450	39/85	200/7.87	160x252/6.3x9.92
TEV-559-60	5.0	3-ph, *	13.4/6.7/5.4	3450	79/175	250/9.84	200x320/7.87x12.6
TEV-585-60	7.5	3-ph, *	18.4/9.2/7.45	3450	84/185	250/9.84	200x320/7.87x12.6
TEV-745-60	10.0	3-ph, *	23.8/11.9/9.5	3510	132/290	315/12.4	220x400/8.66x15.74
TEV-768-60	15.0	3-ph, *	35.0/17.5/14.4	3510	145/320	315/12.4	220x400/8.66x15.74
TEV-798-60	20.0	3-ph, *	46.2/23.1/18.5	3510	191/420	315/12.4	220x400/8.66x15.74

\* 208-230/460/575

**Housing: Powder painted steel Impeller: Aluminum**

## The Intelligent Installation Kit

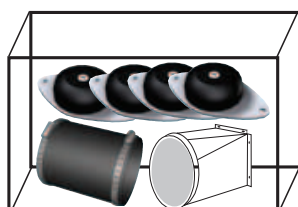
This kit adds value to your system. It makes it possible to install the ventilator in difficult areas. The 4 - 6 anti vibration mounts and the in- and outlet with soft connections reduces vibration sounds in your ventilation system due to imperfect mounting.

### For 50 Hz fans

Prod. no.	Soft connection inlet, Ø	Soft transition outlet, Ø	Outlet transition, Ø	Fits models
TEVKIT-3-50	160 mm / 6.3"	250 mm / 9.8"	250 mm / 9.8"	TEV-385-50
TEVKIT-5-50	200 mm / 7.8"	315 mm / 12.4"	315 mm / 12.4"	TEV-585-50
TEVKIT-7-50	250 mm / 9.8"	400 mm / 15.7"	400 mm / 15.7"	TEV-765-50
TEVKIT-9-50	315 mm / 12.4"	500 mm / 19.7"	500 mm / 19.8"	TEV-985-50

### For 60 Hz fans

Prod. no.	Soft connection inlet, Ø	Soft transition outlet, Ø	Outlet transition, Ø	Fits models
TEVKIT-3-60	160 mm / 6.3"	250 mm / 9.8"	250 mm / 9.8"	TEV-359-60/TEV-3110-60
TEVKIT-5-60	200 mm / 7.8"	315 mm / 12.4"	315 mm / 12.4"	TEV-559-60/TEV-585-60
TEVKIT-7-60	250 mm / 9.8"	400 mm / 15.7"	400 mm / 15.7"	TEV-745-60/TEV-768-60/TEV798-60



*The Intelligent Fan Installation Kit, here including four anti vibration mounts, inlet and outlet with soft connection.*

PlymoVent reserves the right to make design and technical changes.