

# F series – Flexible Volume Ventilators

PlymoVent's Flexible Volume Ventilators are designed to work with or without demand ventilation controls

If you are looking for an air handler that will operate at any speed and give you quiet, smooth running performance, the PlymoVent F series is for you.



## Self-Balancing Fan Impeller

Unlike any other fan manufactured, PlymoVent's new technology in both the F and T Series incorporate self balancing aluminium fan impellers. These high tech machine stamped impellers guarantee perfect balance and alignment every time. This eliminates the need for dynamic balancing that requires the adding of weight by welding which can further distort the wheels balance and performance.



## Energy Conservation

PlymoVent's mission is to design energy efficient products. PlymoVent utilizes as standard equipment Energy Efficient Motors. This standard in co-operation 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 cost and in turn receive a return on your investment. Not many other products can stand behind that claim.

## Safety First

PlymoVent fans are provided with protective safety screens on both the inlet and outlet of the fan housing. PlymoVent protects your investment and personnel from the moving parts of the fan.



## Rotational Outlet

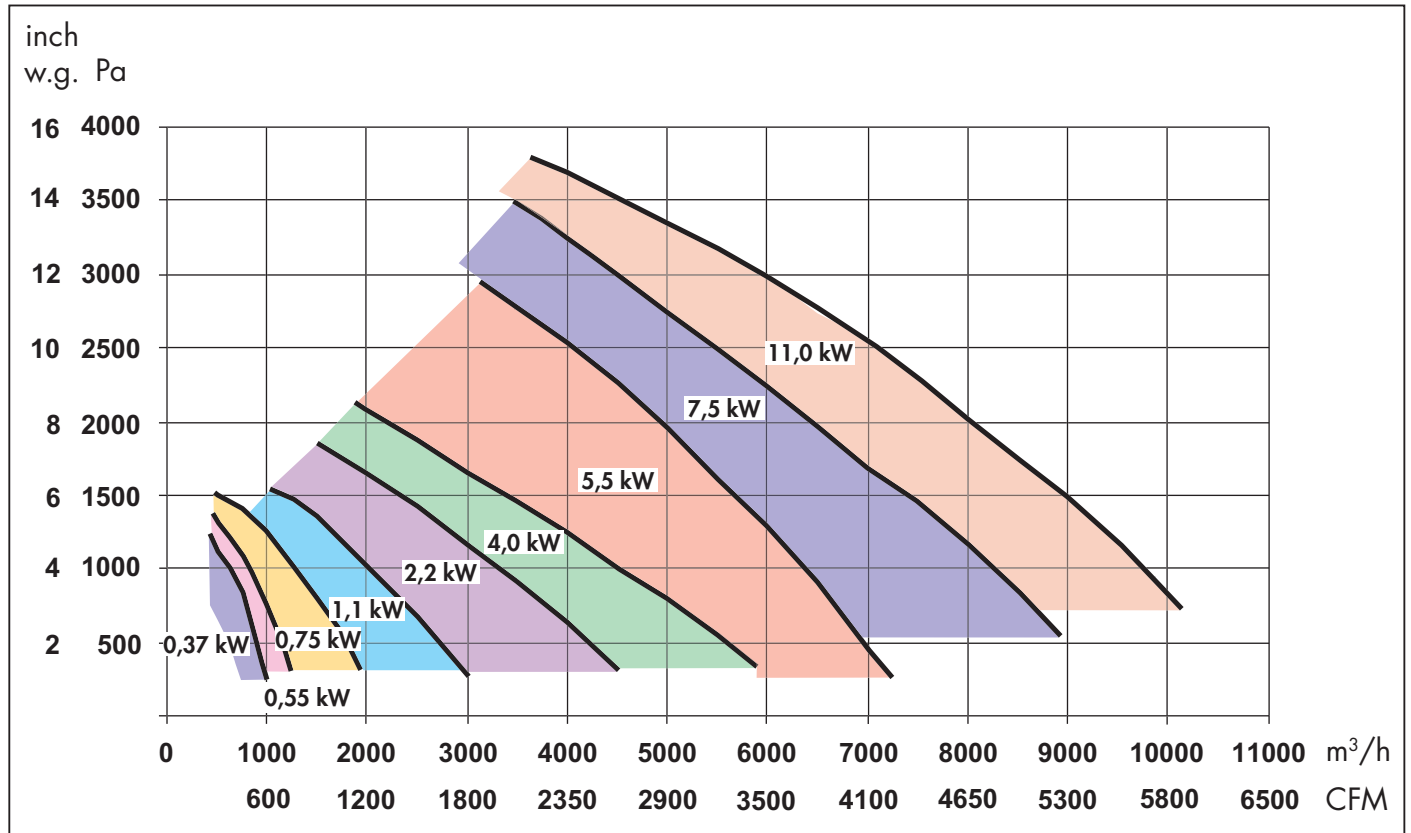
PlymoVent fans are uniquely designed with a 360° rotational outlet. This allows the installer the ability to field change the fans outlet position by rotating the housing clockwise in increments of 45° or 90°. This reduces the cost for additional fan outlet transitions.



## TECHNICAL DATA – Conforms to CE standards

### Performance chart

PlymoVent reserves the right to make design and technical changes.



Prod. no:	Motor kW	50 Hz Voltage	Rated Amperage	RPM	Weight kg/lbs	Inlet size Ø mm/inch	Outlet size mm/inch	Housing	Impeller
FUA-/FS-/FUK-1300	0,37	3-ph, *	1,9/1,1	2800	12,6-15,6/27.7-34.3	160/6.3	Ø 160/6.3	Powder painted steel	Aluminum
FUA-/FS-1301	0,37	1-ph, **	2,75	2800	13,2-16,2/29.0-35.6	160/6.3	Ø 160/6.3		
FUA-/FS-/FUK-1800	0,55	3-ph, *	2,65/1,5	2800	13,4-16,4/29.5-36.1	160/6.3	Ø 160/6.3	Powder painted steel	Aluminum
FUA-/FS-/FUK-2100	0,75	3-ph, *	3,6/2,0	2800	16,4-19,4/36.1-42.7	160/6.3	Ø 160/6.3		
FUA-/FS-/FUK-2101	0,75	1-ph, **	5,0	2800	16,6-19,6/36.5-43.1	160/6.3	Ø 160/6.3	Powder painted steel	Aluminum
FUA-/FS-/FUK-3000	1,1	3-ph, *	4,7/2,7	2800	24,0-27,0/52.8-59.4	250/9.8	142x215/5.6x8.5		
FUA-/FS-/FUK-4700	2,2	3-ph, *	8,2/4,9	2800	32,0-35,0/70.4-77.0	250/9.8	142x285/5.6x11.2	Powder painted steel	Aluminum
FA-6000	4,0	3-ph, *	13,2/8,2	2800	58,0/127.6	250/9.8	142x285/5.6x11.2		
FA-7500	5,5	3-ph, ***	10,4/-	2800	100,4/220.9	315/12.4	176x400/6.7x15.7	Powder painted steel	Aluminum
FA-9000	7,5	3-ph, ***	13,9/-	2800	106,4/234.1	315/12.4	176x400/6.7x15.7		
FA-11000	11,0	3-ph, ***	19,9/-	2800	145,5/320.1	400/15.7	176x500/6.7x19.7	Powder painted steel	Aluminum

\* 220-240/380-420 \*\*220-240 \*\*\*400/690

### Accessory



#### Outlet transition

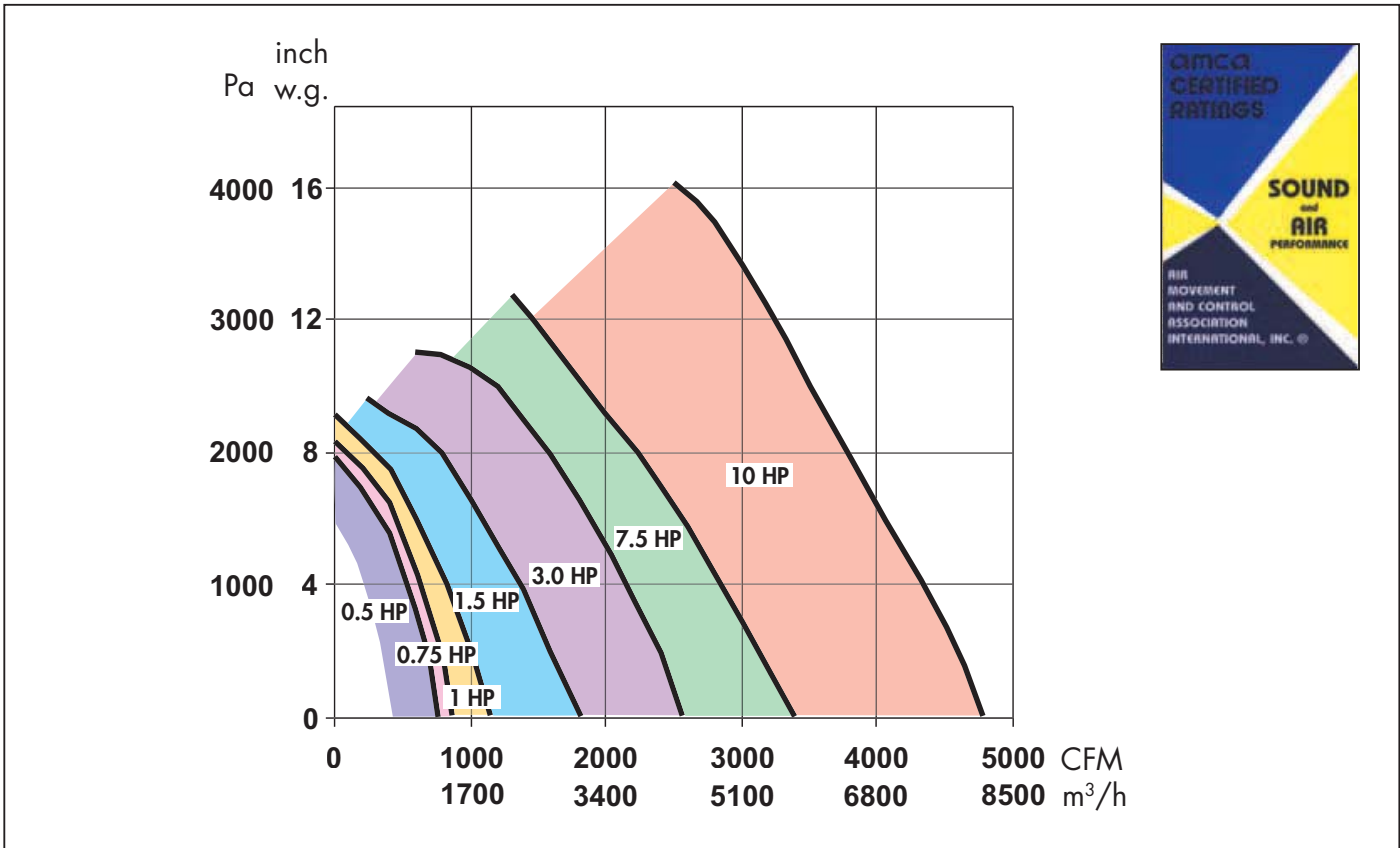
- To modify outlet from rectangular to round.
- Fabricated of galvanized sheet metal.

#### Prod. no. For fan models

OL-250-1	FUA-3000, FS-3000, FUK-3000
OL-250-2	FUA-4700, FS-4700, FUK-4700
OL-315	FUA-4700, FS-4700, FUK-4700, FA-6000
OL-400	FA-7500, FA-9000
OL-500	FA-11000

## TECHNICAL DATA – Conforms to NEMA standards

### Performance chart



Prod. no:	Motor HP	60 Hz Voltage	FL Amperage	RPM	Weight kg/lbs	Inlet size Ø mm/inch	Outlet size mm/inch	Housing	Impeller
FUA-/FS-/FUK-1300	0.5	3-ph, *	2.0/1.0/0.8	3450	18/40	160/6.3	Ø 160/6.3	steel	
FUA-/FS-/FUK-1301	0.5	1-ph, **	7.2/3.6	3450	18/40	160/6.3	Ø 160/6.3		
FUA-/FS-/FUK-1800	0.75	3-ph, *	2.4/1.2/1.0	3450	19/42	160/6.3	Ø 160/6.3	steel	
FUA-/FS-/FUK-1801	0.75	1-ph, **	10.0/5.0	3450	19/42	160/6.3	Ø 160/6.3		
FUA-/FS-/FUK-2100	1.0	3-ph, *	3.6/1.8/1.3	3450	22/48	160/6.3	Ø 160/6.3	powder painted	Aluminum
FUA-/FS-/FUK-2101	1.0	1-ph, **	12.0/6.0	3450	22/48	160/6.3	Ø 160/6.3		
FUA-/FS-/FUK-3000	1.5	3-ph, *	4.2/2.1/1.7	3450	27/60	250/9.8	142x215/5.6x8.5	Powder painted	Aluminum
FUA-/FS-/FUK-4700	3.0	3-ph, *	8.0/4.0/3.2	3450	43/95	250/9.8	142x285/5.6x11.2		
FA-6000	7.5	3-ph, *	18.4/9.2/7.4	3450	68/150	250/9.8	142x285/5.6x11.2	Powder painted	Aluminum
FA-7500	10	3-ph, *	23.8/11.9/9.5	3450	130/286	315/12.4	176x400/6.7x15.7		

Construction: AMCA TYPE B      \* 208-230/460/575 V      \*\* 115/230 V

### Accessory



#### Outlet transition

- To modify outlet from rectangular to round.
- Fabricated of galvanized sheet metal.

#### Prod. no. For fan models

OL-250-1	FUA-3000, FS-3000, FUK-3000
OL-250-2	FUA-4700, FS-4700, FUK-4700
OL-315	FUA-4700, FS-4700, FUK-4700, FA-6000
OL-400	FA-7500