

# PORTAVENT®

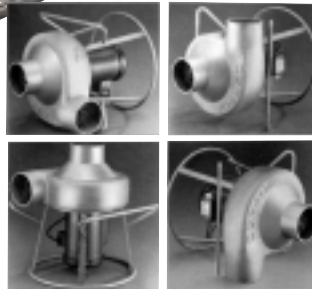


## Versatile Centrifugal Ventilator for Source Capture Fume Exhaust.

Design, performance and versatility of the PORTAVENT® make it an ideal ventilator for a wide range of industrial applications. Welding and other fume removal, purging small tanks, equipment cooling, confined space ventilations and other maintenance and safety applications.

### FEATURES:

- Available in 3 models offering 560 to 940 cfm (951 to 1597 m<sup>3</sup>/hr).
- Direct drive 3500 RPM fan.
- Cast aluminum fan and housing provides spark resistant construction.
- Unique multi-position stand offers a variety of convenient set-ups.
- Accepts flexible duct on inlet and outlet ends.
- Backwardly inclined airfoil blades prevents motor overloads.
- Inlet and outlet screens meet OSHA standards.
- Totally Enclosed (TE) and Explosion Proof (EP) motors available on all models.



### PERFORMANCE:

cfm (m<sup>3</sup>/hr) air delivery at 3500 rpm

Model	Inlet Duct		Length of duct-straight runs					
	HP	No.	Size (in./mm)	10' 3m	20' 6m	30' 9m	40' 12m	50' 15m
PV-500	1/2	1	5 127	525 892	488 829	460 782	440 748	425 722
		2*	4 102	262 445	249 423	235 399	225 382	214 364
PV-750	3/4	1	6 152	775 1317	740 1257	708 1203	690 1172	670 1138
		2*	5 127	395 671	382 649	368 625	360 612	352 598
PV-1000	1	1	6 152	870 1478	830 1410	800 1359	765 1300	745 1266
		2*	5 127	450 765	430 731	415 705	405 688	395 671

### DIMENSIONS: Inches/(mm)

Model	A	B	C	D	E	F	G	Wgt. lbs/kg	
								TE	EP
PV-500	22.4 569	14.8 376	19.0 483	9.5 241	8.4 213	5.4 137	4.9 124	57	60
								26	27
PV-750	22.9 582	15.6 396	19.0 483	9.5 241	9.3 236	5.9 150	5.9 150	69	72
								31	32
PV-1000	22.9 582	15.6 396	19.0 483	9.5 241	9.3 236	5.9 150	5.9 150	70	73
								32	33

\*Performance for dual runs of duct.

### ELECTRICAL SPECIFICATIONS

Models	Voltage			Switch		Cord		Plug	
	Volts	Ph.	Freq.	TE	EP	TE	EP	TE	EP
ALL	115	1	60	Inc	Inc	Inc	Op	Inc	Op
	230	1	60	Inc	Inc	Inc	Op	Op	Op
	230	3	60	Inc	Inc	Inc	Op	Op	Op
	460	3	50	Inc	Inc	Inc	Op	Op	Op
	220	1	50	Inc	Inc	Inc	Op	Op	Op

