



PV-100XPS

for Clothes Dryer Boosting



The World's Leading Producer of Air Movement Products

Clothes Dryer Boosting with an . . . Integrated Pressure Sensor



The PV-100XPS is the latest addition to the S&P line of clothes dryer exhaust duct power ventilators. This new version utilizes a compact pressure sensor and run timer enclosed within the junction box and mounted to the fan housing with the following benefits:

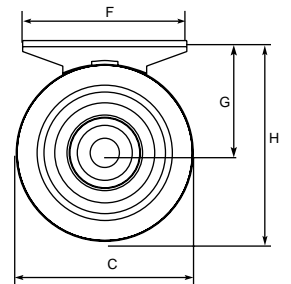
- Ease of installation
- Utilizes the highest quality motorized impeller available
- Incorporates a Class F insulation system for extended product life
- Add up to 80 equivalent feet to the exhaust duct without compromising drying efficiency
- Epoxy coated metal housing for added durability
- Supplied with pre-wired 6' appliance cord
- ETL Listed to UL Standards 507 and 705

Pressure sensors are the most common method of clothes dryer exhaust duct power ventilator (booster fan) activation and are a good solution for many installations. The pressure sensor recognizes the positive pressure that is generated within the exhaust duct by an active clothes dryer and the solid state timer energizes the power ventilator. The timer cycles the ventilator in 5 minute intervals until the pressure sensor recognizes that the clothes dryer is no longer in operation. The system will then remain idle until another clothes dryer cycle is initiated.

PV-100x Technical Data

Dimensions (in/mm)

Model	A	B	C	D	E	F	G	H	I	Weight lbs(kgs)
PV-100x	7 5/8 194	1 25	9 1/2 241	3 7/8 98	6 11/16 170	8 7/8 225	6 1/16 154	10 13/16 275	3 1/4 83	7 3.0



Air Performance

Model	Nom. RPM	Volts	Max. Watts	CFM v Static Pressure (SP) Ins. WG									Max. SP	Duct Dia. Ins.
				0"	0.125"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		
PV-100x	2880	115	84	153	142	130	120	111	96	80	63	34	1.85	4"

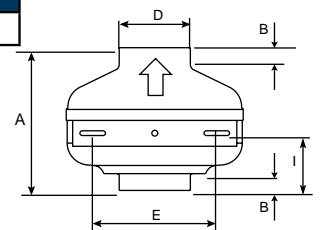


Soler & Palau USA certifies that the PV range shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Sound

Fan sound levels are measured in sones. At this time there are no sound level test standards available through HVI due to the fact that remote mounted fan noise levels are in proportion to the following: type of duct, length of duct, fan distance from the intake source and other miscellaneous factors. However it is generally accepted that remote mounted venting is usually quieter than standard (in room) venting.



Also available for Clothes Dryer Boosting:

DBF-100xc



Fan with Current Sensor

DBF-100xp



Sidewall Fan with Unattached Pressure Switch

IL-115 or IL-230



Fan with Interlock



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