SPECIFICATIONS
STORM Series Polypropylene Blowers

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Application:
The STORM Series blower is designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry, especially those with higher static pressure and lower volume air flow.

Manufacturer:
STORM Series blowers shall be manufactured under the authority of Plastec Ventilation, Inc., Bradenton, Florida.

Materials of construction temperature limitation:
Polypropylene casing and wheel recommended up to 190 Deg. F.

Housings: PP
Housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance. Housing shall be made of one single piece to completely avoid leaks. Split molded housings are not acceptable. Screws holding housing to back plate shall be stainless steel. Housing shall be rotatable to any of the 8 standard discharge positions. Metal in the air stream will not be tolerated.

Wheel: PP
Wheels shall be of forward-curved type and constructed of uniformly molded polypropylene blades. Wheels shall be both electronically and dynamically balanced. Blower wheel shall be supplied with a motor shaft bushing and hubcap made of polypropylene to protect shaft end. Blower wheel shall be suitable for RPM of up to 3450.

Motor Support:
Standard stand to be manufactured in galvanized steel with enamel coating. Optional polypropylene motor support for complete motor protection shall be provided as specified.

Motors:
Motors shall be direct drive and of heavy-duty ball bearing type for continuous duty with voltage as specified. Motors shall be totally enclosed fan cooled (TEFC) or of high efficiency explosion proof type when specified. Motor shall be UL or CSA approved for safety.

Performance:
Fan performance shall be based on tests conducted in accordance with AMCA 210-85 and ISO 5801.

Warranty:
PLASTEC VENTILATION, Inc. warrants its equipment, products and parts, to be free from defects in workmanship and material under normal use and service for two (2) years after delivery to the first user. Motor parts carry a one (1) year warranty. Product must be returned to the point of purchase, with bill of sale, within two years of purchase. If factory return is required, as determined by the distributor, the warranty assumes all shipping costs to and from factory.

PROJECT			ARCHITECT
CONTRACTOR	DATE	SUBMITTED BY	ENGINEER

SPECIFICATION

Fan Position	Model #	CFM	In. WG	RPM	HP	Voltage/Phase	Qty	Accessories