

Submittal Data / Specifications

JET Series Polypropylene Inline Fans

APPLICATION:

The JET Series centrifugal inline fan is designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry. JET Series fans shall be installed on a roof curb or inline as specified.

MATERIALS OF CONSTRUCTION TEMPERATURE LIMITATION:

Polypropylene casing and wheel recommended up to 190° F.

HOUSINGS: POLYPROPYLENE

Fan housing and motor housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance. Screws holding motor housing to roof curb fan base shall be stainless steel. Metal in the air stream will not be tolerated. JET Series fans outlet should create a high plume of air to ensure maximum dilution of gases to prevent exhaust fumes returning into buildings.

IMPELLER/WHEEL: POLYPROPYLENE

Impellers/wheels shall be of forward-curved type and constructed of uniformly molded polypropylene blades. Impellers/Wheels shall be both electronically and dynamically balanced. Fan impeller/wheel shall be supplied with a motor shaft bushing and hubcap made of polypropylene to protect motor shaft end. Fan impeller/wheel shall be suitable for RPM of up to 3450 on models JET 20 and 25, and up to 1725 on model JET 30. Optional 304L stainless steel impeller/wheel available for models JET 20, JET 25 and JET 30.

MOTORS:

Motors shall be direct drive and of heavy-duty, lubricated for life ball bearing type for continuous duty. Motors shall be totally enclosed fan cooled (TEFC), UL and CSA compliant. Motor shall be outside the air stream and pre-wired to a disconnect switch for safety. Some models available with explosion-proof motors. Consult with factory for availability.

PERFORMANCE:

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

WARRANTY:

This equipment is warranted to be free from defects in material and workmanship for two years from date of **original** shipment. Any units or parts which prove to be defective and are reported during the warranty period will be replaced at our option when returned to our factory, transportation prepaid **by the sender**. Deterioration of wear by heat, abrasive action, chemicals, improper installation or operation or lack of normal maintenance shall not constitute defects, and are not covered by warranty. **Transportation to and from the factory for warranty repairs is not covered under warranty and is the sole responsibility of the owner of the equipment.**

PROJECT				ARCHITECT				
CONTRACTOR		DATE	SUBMITTED BY		ENGINEER			
SPECIFICATION								
Fan Position	Model #	CFM	In. WG	RPM	HP	Voltage/Phase	Qty	Accessories