Ventilation Equipment

Hazardous Location

FEATURES

- CSA certified, multi-point, spark-proof construction
- Explosion-proof, totally enclosed, electric motor
- Corrosion-resistant aluminum, construction
- Integral, self-contained, ON/OFF switch
- Secondary static dispersal system
- Heavy-duty protective screens
- Independent lab certified air flow rates

EP8HL VELOCIMAX™ SERIES VENTILATION BLOWER

Designed to accommodate most hazardous confined space ventilation requirements as defined by the National Electric Code. Heavy-duty, cast-aluminum, blower housing for exceptional resistance to damage. Convenient carry handle while on the jobsite. The multi-vane blower wheel delivers high flow rates with lower sound levels. Welded, heavy-gauge, aluminum-frame, construction. The EP8HL is certified for use in Class II, Group D; Class II, Group G and Class III hazardous locations as defined by the National Electric Code. Air flow rates are certified by an independent laboratory. Utilizes only special, hazardous location-type, conductive ducts in a 25 foot (7.6 M) length. Less ventilation duct. For use in hazardous/non-hazardous environments.

SPECIFICATIONS

Power Source	.33 HP (.25 Kw), 115 VAC, 60 HZ, single speed, explosion-proof, totally enclosed, non-vented (TENV), electric motor
Nominal Diameter	8.0 inches (203.2 mm)
Housing Construction	Cast-aluminum
Blower Wheel Construction	Steel, multi-vane
Power Cord	14-3, SOW x 8.5 ft (2.6 M) L, extra hard use cable
Cord Cap	Appleton NCP2023 or equivalent rated for hazardous location use
Agency Certifications	CSA
Product Dimensions (L x W x H)	18.9 x 15.4 x 19.9 inches (480.1 x 391.2 x 505.5 mm)
Product Weight	73.0 lbs (33.1 kg), less ventilation duct

AIR FLOW RATES

CONFIGURATION	ACFM 15.0 FT DUCT
Free Air (Less Duct)	1277.4 CFM (36.2 CMM)
One 90° Bend	738.0 CFM (20.9 CMM)
Two 90° Bend	578.8 CFM (16.4 CMM)

Flow rates calibrated by Colorado Engineering Experiment Station, Inc. (CEESI). Tested in a chamber built in accordance to AMCA Standard 210-85. Flow rates are nominal and subject to variances due to normal manufacturing tolerances. Compare testing procedure before comparing performance of competitive products. Published flow rates are to serve as a reference only. Contact the factory for a detailed test report. Blowers are designed for portable air ventilation purposes only and not intended for transporting liquid, semi-solid or solid material. Unless properly marked with an agency listing, no General ventilation blower is designed to be operated in an explosive atmosphere, nor are they to be used to transport such an atmosphere.

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