



AF-178E 8 IN ELECTRIC CENTRIFUGAL BLOWER

This unit is a portable, electric-driven, explosion-proof 8" centrifugal blower with capability to vent with both a positive and negative air discharge. A one horsepower rated, electric rated motor UL listed for Class-1 Group D drives a non-ferrous, hardened aluminum, one piece blade. The blower includes two 'J-Slot' quick disconnect duct adapter plates. The electric blower unit is also equipped with a explosion proof rated on/off switch, strain release, electrical cord and lifting handles. A static grounding receptacle is attached to the blower housing for static grounding purposes.

FEATURES AND BENEFITS

- Portable, electric-driven, explosion-proof 8" centrifugal blower for fuel cell ventilation.
- Electric components featured on the blower are designed and UL rated for Class 1, Division 1 environments.
- Capable of drawing (negative air flow) and pushing (positive air flow) for fuel cell ventilation.
- Completely factory wired and ready for immediate use.
- 50 ft of attached flexible heavy-duty electric cord designed for extra hard use.
- Available accessories include static conductive, flame resistant air ducting NFRA-8X, inlet filter AP-3 for push flow applications.



SPECIFICATIONS

Classification:	8 in Electric-Driven Centrifugal Blower
Overall Dimensions:	Length 18.25 in (46 cm) x Width 11.5 in (29 cm) x Height 6 in (15 cm)
System Weight:	100 lbs (45 kg)
Supply Air Filtration:	AP-3 used for Push Ventilation modes
Power Supply Requirements	115 volt, single phase, 60 HZ, Running Amperage 11 Amps
Ducting Connection:	Input/Output 8.0 in Diameter J-Slot
Ventilator Air Flow Displacement	1300 cfm output (3450 m ³ /hr)
Static Bonding:	25 ft (7.5m) Static Bonding Cable

PART #	DESCRIPTION	NATIONAL STOCK NUMBER (NSN)
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AF-178E	8 in. Electric Driven Centrifugal Blower	NSN 4140-01-306-9138
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Berry Compliant and Made In U.S.A.