

EV420

16"/40 cm

Electric Variable Speed Blower

Convenience and performance packaged together. The dual current EV400 can be powered by the fire truck circuit when performing PPV at the entrance of the building. With the flip of the switch, the fan is ready to be plugged into the house circuit for continued fume free ventilation indoors.

The IntelliSense™ water-resistance variable speed controls provides continuous airflow adjustments from zero to maximum speed. It allows flexibility and precision in speed selection.

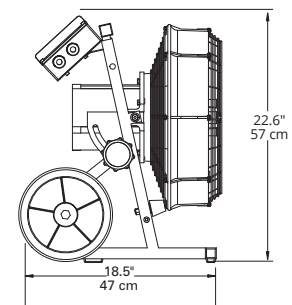
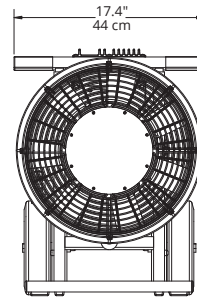
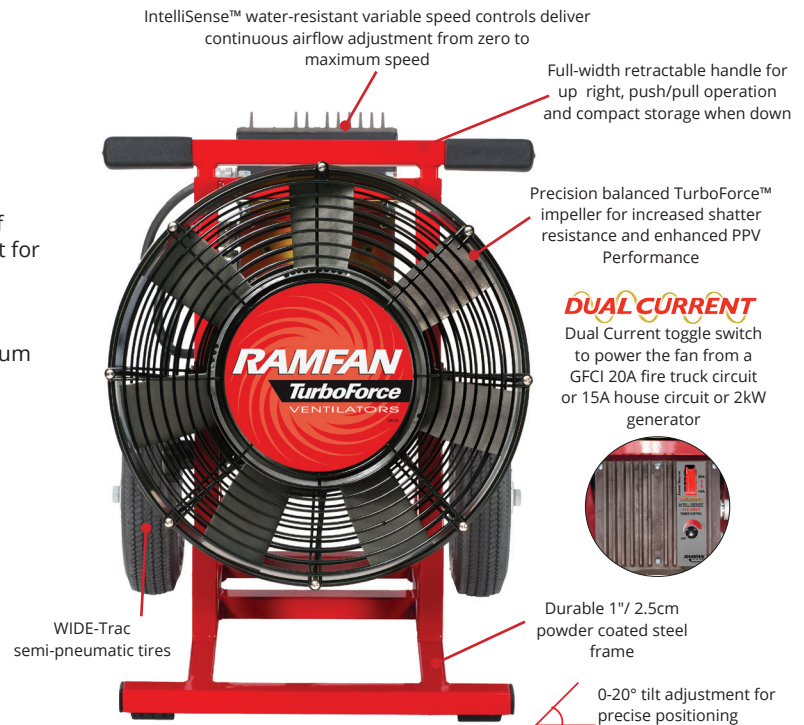
Specifications

Model	EV420
Part	EB80500
Weight	68 lbs / 31 kg
Impeller	7-Blade
Dimensions (h/w/d)	22.6 x 17.4 x 18.5 in / 57 x 44 x 47 cm
Motor	1.5 Hp (1.1 kW)
Noise	88 dB@3' (1m) / 84 dB@10' (3 m)
Amps (Run)	15A or 20A
Electric	230V, 1ϕ, 60Hz
Approval	AMCA

AMCA Verified Airflow	
Airflow through Single Door	10,994 cfm 18,690 m³/hr

Note: Output changes as setback from the opening changes. Single door airflow is per AMCA 240-6 testing. This data derives from 0" static pressure. Real world results will be substantially reduced by structure backpressure. The EV400 tested at 6 ft (1.8 m) setback at 20° tilt and 3,978rpm.

AMCA 240, as defined and tested by the third-party Air Movement and Control Association (AMCA), is tested through a standard area opening which represents a single-door structure opening most often used in fire fighting PPV operations. This test procedure is published and is the most accurate method for PPV airflow testing that currently exists. AMCA's testing center is available to all manufacturers of ventilators for performance verification to this standard. Due to its standardized, published testing procedure and third-party status, this is known internationally as the best testing method for comparing PPV fans. Verify performance data online at AMCA.org.



Available Accessories

Disposable Duct

Order # FDT-16DISP
16" (40 cm) diameter Disposable Layflat
Polyethylene duct sold by the foot/meter



Layflat Duct

Order # FDT-1625SME
16" (40cm) Unreinforced layflat duct,
25' (7.6 m)

Order # FDT-L4X10SME
16" (40cm) 90° Unreinforced layflat duct,
4' (1.2m) x 10' (3m)



ECKO Flex™ with Carrying Bag

Order # FDT-1615BR
16" (40cm) standard duct 15' (4.6 m),
w/ carrying bag

Order # FDT-1625BR
16" (40cm) standard duct 25' (7.6 m),
w/ carrying bag

Non-collapsible, reinforced duct is constructed from flame retardant material and is crush resistant. Duct storage bag included with each duct purchase.

