

# EV420

## 16"/40 cm

*Electric Variable Speed Blower*

The EV420 is built with an IntelliSense™ water-resistance variable speed controls that provides continuous airflow adjustments from zero to maximum speed. It allows flexibility and precision in speed selection.

The Polymer TurboForce™ impeller is engineered to enhance performance and maximize the airflow.

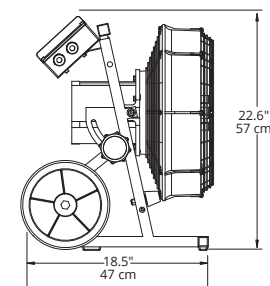
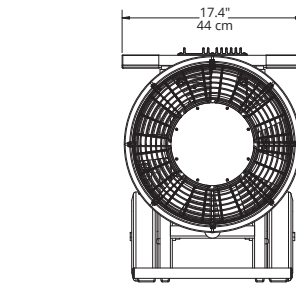
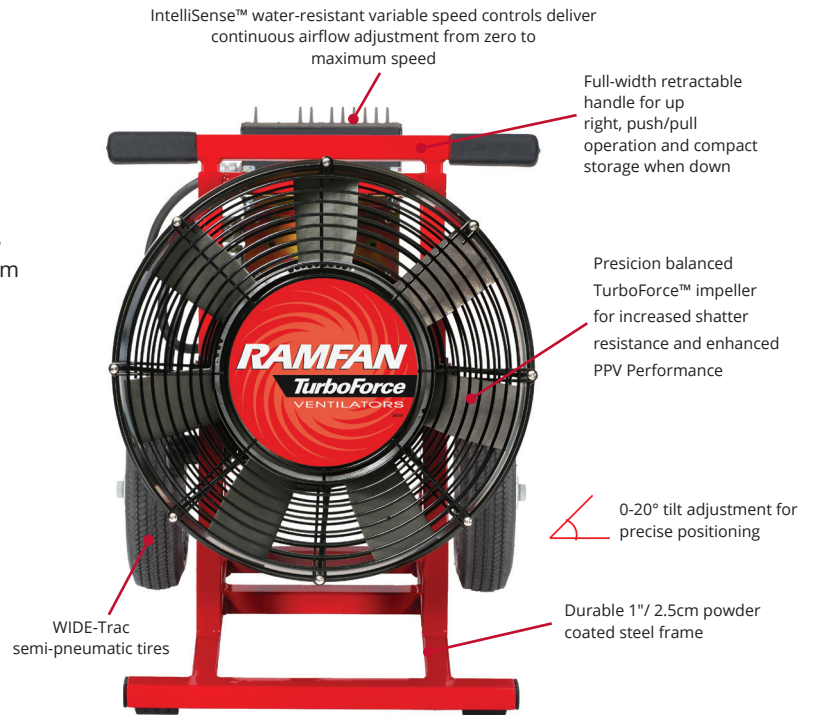
### Specifications

Model	EV420	
Part	EB80510	EB81505 (CE)
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	
Amps (Run)	10A	
Noise	88 dB@3' (1m) / 84 dB@10' (3m)	
Electric	230VAC, 1Ø, 60Hz	230VAC, 1Ø, 50Hz
Approvals	CE AMCA	

AMCA Verified Airflow	
Airflow through Single Door	10,084 cfm (17,143 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 EV420 tested at 6 ft (1.8 m) setback at 20° tilt and 3,640rpm.*

*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.

