

# FFA400-326

Fan Filter Assembly 400 CFM (680 m<sup>3</sup>/h)



The FFA400-326, a compact, all-weather, man-portable and stackable positive pressure CBRN filtration system, is the third generation of the FFA400 family. It provides up to 400 CFM (680 m<sup>3</sup>/h) of clean, safe, breathable air for mobile and permanent shelters used in command and control center, communications hub or medical assistance applications.

The FFA400-326 consists of an integrated inertial particle separator, a variable speed motor blower and a filter housing equipped with integrated captured fasteners mounted into a lightweight tubular protective cage with integrated carry handles and forklift pockets.

The variable-speed motor blower is mounted internally to the filter housing. The motor speed is varied electronically to maintain constant flow (400 ±20 CFM, 680 ±34 m<sup>3</sup>/h) as the filters get loaded. The system is equipped with a corded handheld remote control, which includes the On/Off switches, system performance indicator as well as fault conditions. A wall mountable controller is also available for permanent or semi-permanent installations.

The FFA400-326 employs two M98, 200 CFM (340 m<sup>3</sup>/h) gas and particulate filter sets which comply with STANAG4447 and AEP54 for removing CBWA (Chemical and Biological Warfare Agents) and TIC's (Toxic Industrial Chemicals). The unit will also accommodate the OpenAire® HEPA filter as a peacetime filter.

The FFA400-326 operates primarily on US military power of 208VAC, 60Hz, 3 PH. The unit can also operate on any 190 – 240VAC, 50/60 Hz, 1 or 3 PH for international use. Single phase use will substantially increase Amp draw. The unit is not compatible with any GFCI/RCD protected circuit without additional equipment.

## KEY FEATURES

- Lightweight and man portable, unit weight 190 lbs (86 kg) without filters, ~274 lbs (124.3 kg) with filters
- Built-in inertial particle separator to extend filter life
- A variable-speed motor control maintains constant flow output
- Employs two standard M98, Gas Particulate filter sets
- Allow for independent HEPA (particulate) filter replacement
- Includes remote control
- Cold weather operation (-40°F, -40°C)
- Quiet operation, <75 dba
- Stackable (3 high)
- Quick, tool-free filter replacement
- Configurable for airlock recirculation mode



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Ordering information	JECP Tan	JECP Green	JECP Recirculation Tan	JECP Recirculation Green
<b>FFA400-326 System</b>				
Government part number	5-19-15149-100	5-19-15149-200	5-19-15151-100	5-19-15151-200
HDT part number	402-H008549-031	402-H008549-032	402-H008550-031	402-H008550-032
NSN	4240-01-666-0323	4240-01-665-0752		4240-01-670-6418
Military Specification	MIL-PRF-32350	MIL-PRF-32350	MIL-PRF-32350	MIL-PRF-32350
<b>Filter element (two sets)</b>				
HDT part number	5-19-6722-N			
NSN	4240-01-369-6533			
<b>Rated air flow</b>			400 CFM / 680 m <sup>3</sup> /h	
<b>Max external static pressure</b>			14 IWG est. / 3500 Pa	
<b>Fan pressure performance</b>			16 IWG est. / 4000 Pa	
<b>Physical characteristics</b>			37" x 31" x 30" / 94 x 79 x 76 cm	
<b>Weight</b>				
Unit (no accessories)			190 lbs / 86 kg	
Accessories (power cable "Y" and remote)			6.5 lbs / 2.9 kg	
<b>Housing material</b>			Aluminum	
<b>Filter (sold separately)</b>		M98, Gas and Particulate, Filter Set, 200 CFM (340 m <sup>3</sup> /h) PN 5-19-6722-N, NSN 4240-01-369-6533 – 2 sets		
Filter weight (two sets)			84 lbs / 38.1 kg	
<b>Power requirements</b>				
Hz			50/60	
VAC			190 – 240 (1 or 3 phase)	
Amperage			1PH: 22 Amps max, 3PH: 14 Amps max.	
HP			3.0 with 1.25 SF motor	
<b>Qualifications</b>				
MIL-STD-810F		High / low temperature, humidity, altitude, solar radiation, reliability, shock / vibration, loose cargo, blowing dust, fungus, driving rain		

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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This item and the technical data directly related to this item are subject to the Export Administration Regulations (EAR), 15 CFR 730-744. Filters are sold separately and may require prior authorization in order to be exported from the United States.

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