

PFB-2500

RPS PART NUMBER FM03

VENTILATION UNIT



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The PFB-2500 filtration unit is a versatile portable ventilation system with blower rated at 2750 CFM @ 1" sp. wg. High flow capacity and the four 8" inlet adapters allow multiple tasks to be performed from a central location. The 1-wide by 2-high bag-in/bag-out filter housing comes standard with dual prefilters (P/N AK64) and dual 1000 CFM HEPA filters (P/N AK07). HEPA filter life can be extended by using the optional 2000 CFM high-flow HEPA. Stainless steel construction, high airflow, and long-term filter life make this BI/BO unit an excellent choice for handling long-term tasks in highly contaminated areas.

This unit has been evaluated to the applicable CSA standards for use in the United States under product Class 3812-81 (Fans and Blowers) and Canada under product Class 3812-01 (Fans and Blowers).

FEATURES:

- Heavy-duty platform cart with heavy-duty locking casters (two rigid, two swivel).
- A 7.5 HP, 3525 RPM, totally enclosed fan cooled motor. Direct drive mounted to a back-curved, non-overloading aluminum blower. Hand guard and 8" flex duct adapter with adjustable flow capability on blower discharge.
- Blower rated at 2750 CFM @ 1" static pressure water gage (sp.wg) and 1900 CFM @ 7" sp.wg.
- Manual starter switch with thermal overload, push-button on-off and NEMA 12 enclosure.
- Two metal framed single gasket HEPA filters with wire face guards, 24" x 24" x 11.5" rated @ 1000 CFM @ 1.0" wg., 99.97% efficient for 0.3 micron particles. Aerosol tested at 100% and 20% of rated flow. Integral stainless steel inlet, outlet and filter housing.
- Four inlet connections in vertical orientation with adjustable flow dampers and a roll bead for 8" flex duct.
- Prefilter, cotton synthetic blend, 24" x 24" x 2" thick, MERV 8 rating, UL Class 2.
- Magnehelic gages for monitoring differential pressure across each HEPA and prefilter section.
- Approximate Dimensions: 108.5" L x 32" W x 74" H.
- Electrical Rating: 230/460V, 18/9A, 3 phase, 60 Hz.

SPARE PARTS:

- [HEPA filter - AK07](#)
- [Prefilter - AK64](#)
- [Hose clamp, 8" - CL05](#)
- [Replacement bags HEPA - AB21](#)
- [Replacement bags Prefilter - AB20](#)

OPTIONS:

- [2000 CFM high-flow HEPA filter - AK55](#)
- [1000 CFM AG-1 compliant HEPA filter - AK204](#)
- [1500 CFM AG-1 compliant HEPA filter - AK206](#)
- [2000 CFM AG-1 compliant HEPA filter - C101700](#)
- [Sound Attenuator - AH10](#)
- [Pleated Charcoal Filter - AK1338](#)

NOTE: Three phase plug by customer.

NOTE: Information provided is subject to change. Please contact RPS directly for recent modifications.

