



# CFM 3997

*The CFM 3997 was designed for heavy-duty continuous use. A three-phase regenerative blower motor, oversized filter area and large collection capacity guarantee long periods of uninterrupted operation. A control panel featuring an on/off switch, an hour meter, a manometer, and an automatic phase correction device makes the CFM 3997 reliable and easy-to-use.*



*CFM 3997 with a tilt and pour hopper.*



*Recovery of sand and gravel in a foundry.*



*Cleaning of kilns in the ceramics industry.*









# SPECIFICATIONS

## CFM 3997

		3997	3997W
Voltage @ 60 Hz.	volts	440-480	440-480
Type of power	no. of phases	three	three
Current draw	amps	46	46
Power	watts	26,800	24,200
Waterlift, max.	inches H <sub>2</sub> O/inches Hg	250/18.4	196/14.4
Airflow, max.	cfm	736	1442
Filter area, main	sq. ft.	70	70
Filter area, HEPA*, downstream	sq. ft.	301	301
Protection	IP	55	55
Insulation	class	F	F
Tank capacity	gallons	46	46
Machine inlet	inches	4	5
Dimensions	inches	75.59 x 35.43 x 85	75.59 x 35.43 x 86.61
Weight	lbs.	1438	1537
Cord length	ft.	30	30
Filter efficiency, HEPA (DOP-tested)	% @ 0.3 microns	99.999	99.999

# FEATURES & BENEFITS

## CFM 3997

-  Maintenance-free, direct drive eliminates couplings and belts and their associated alignment and wear problems.
-  Oversized main filter provides more surface area for filtering. Guarantees extended filter life and resists premature clogging.
-  Efficient filter cleaning system maintains the vacuum's maximum suction power and filtration capabilities by means of an electrical filter shaker.
-  Very high performance levels ensure easy collection of large quantities of heavy debris from a distance.
-  Manometer monitors the suction performance and turns off the machine if the filter becomes ineffective.
-  Unique release lever lowers the container bottom for easy access to the collection container.
-  Convenient on-board tool storage keeps accessories handy.
-  Cartridge filter version offers a unique electro-pneumatic filter purging system for continuous fine powder collection.



*Cleaning of debris from discharge pits.*

### OPTIONAL ACCESSORIES

- Stainless steel container and components.
- Bracket and strap for emptying the container with a fork lift.
- Various filter materials are available for special applications, including NOMEX®, PVC Membrane.

\*HEPA - High Efficiency Particulate Air - Retains 99.999% of particles down to 0.3 microns.

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