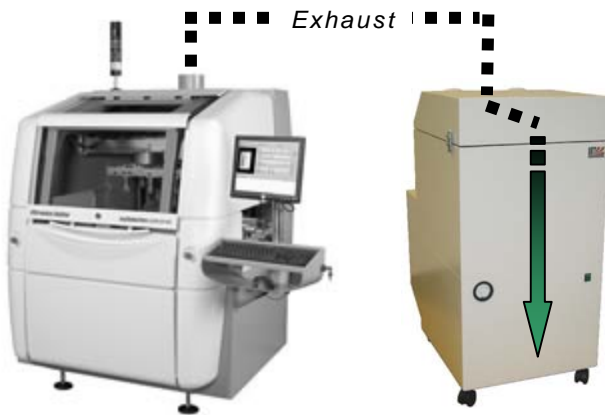


Advanced Air Filtration for Production Lines

Traditionally, exhaust from wave solder machines, reflow ovens, conformal coating, and other process equipment has been vented to the outside. This is an expensive proposition when taking today's energy costs into consideration. It is a waste of either cooled or heated air out to the roof. Our filter units offer an alternative: filtration of the exhaust and re-circulation of the cleaned air.

Filtration has been used in the electronics industry for many years and resolves a range of issues that are inherent to venting to the outside.



- **Selective Soldering**

Your Benefits are:

- eliminates roof ventilation
- fast and easy set-up
- facilitates permitting process
- easy to relocate
- no duct maintenance
- and lower energy costs

Reduce Your Energy Costs!

Venting 1000 cfm to the outside will cost you annually:

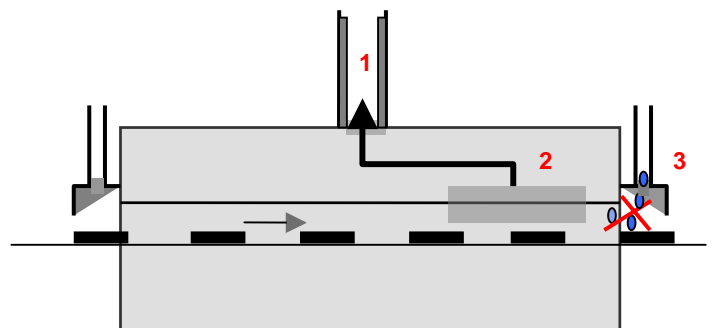
- \$ 3800 in Tampa,
- \$ 5000 in Dallas
- \$ 6200 in Chicago
- and requires 3 tons of air condition capacity

Based on 10cts/KWh. A detailed engineering study is available upon request.

Improved Process Control

Our filter units provide strong suction and proper venting of the process equipment, thus

- (1) reducing the flux built-up in ductwork
- (2) reducing flux concentrations in reflow and cooling zones
- (3) eliminating flux drippings onto boards at exit side



Our F3200 and F8200 filter units make process fume extraction easy. The installation is done within hours and does not require any time consuming set-up. Our proprietary fan design outperforms common roof top fans and provides a strong suction force. We make sure that you will meet the airflow rates recommended by your equipment supplier.

Enjoy shorter production start-up times, enhanced set-up flexibility, improved process control and energy conservation.

F3200



Features

- ✓ Fans are designed for consistent airflow performance. Static pressure (suction force), airflow and horse power rating are optimized.
- ✓ Large, pleated pre-filter
- ✓ High capacity HEPA filter, 99.97% efficiency at 0.3 micron
- ✓ Small footprint
- ✓ Acoustical liner assures low noise level
- ✓ Filter status monitor

F8200



Filter Monitor

A differential pressure gauge measures the condition of the main filter (HEPA). A red mark indicates the maximum saturation recommended. The F8200 features an additional indicator light and a totalizer.



Technical Data

	F3200	F8200
Air inlet diameter	2 x 6"	8" / 10" / 14"
Dimensions (W x D x H)	22 x 36 x 43.5"	38.5 x 26 x 52"
Weight, approx.	180 lbs	420 lbs
Noise level	60 dBA	64 dBA

Application	Filtration	Model	System Capacity	Power Supply	Motor Rating
Selective Solder	Pre / HEPA / Gas	F3200C	600 cfm	115V, 1 Ph, 60Hz	3/4 HP
Reflow		F8220C	900 cfm	230V, 3 Ph, 60Hz	2 HP
Curing		F8230C	1400 cfm	230V, 3 Ph, 60Hz	3 HP
Wave Solder		F8240C	2000 cfm	230V, 3 Ph, 60Hz	5 HP
Conformal Coating	Pre / HEPA / High Volume Gas	F3200PG	500 cfm	115V, 1 Ph, 60Hz	3/4 HP
Spray Fluxers		F8220PG	600 cfm	230V, 3 Ph, 60Hz	2 HP
		F8230PG	900 cfm	230V, 3 Ph, 60Hz	3 Hp