



Extract-All™

An exclusive Air Impurities
Removal Systems, Inc. brand

Extract-All™ Filtering Enclosure Ventilator

Model 985 Series

The build-up of heat, dust, smoke, oil mist, and dirt can be harmful to electrical and electronic devices. Overheating and dirt accumulation can decrease the life expectancy of costly electrical and electronic components.

Forced air systems provide much better heat transfer rates than systems with natural convection and radiation. Filtered systems, with the blower at the air inlet, are recommended, because they positively pressurize the enclosure with contaminant-free air, while forcing the built-up heat out of the cabinet.

The Extract-All™ Filtering Enclosure Ventilator draws in facility air which may be laden with dust, dirt, smoke, oil mist and other contaminants, and cleans it by passing it through a dual density, 2-ply polyester prefilter, with a high efficiency, pleated primary cartridge filter.



- A High performance method of cooling and filtering your electrical and electronic enclosures, while positively pressurizing them with ultra-clean air.
- A simple and inexpensive way of extending the life of sensitive electrical and electronic components – thus reducing maintenance and down time!
- Although designed primarily for electrical enclosures, the versatile filtering cabinet ventilator can be used to maintain other shop cabinets or enclosures.
- Compact design makes it easy to install on any size enclosure. Multiple units may be used for larger size or compartmentized enclosures.
- Low operating and maintenance costs.

Compared to other types of systems, the Extract-All Filtering Enclosure Ventilator is:

Far More Powerful, with a Much Higher Level of Filtration, than standard “muffin” fans with mesh filters.

Far less bulky than air conditioners and compressed air coolers, with superior filtration, and Far Lower Purchase and Operating Costs.



Specifications

BLOWER/MOTOR ASSEMBLY: Totally enclosed, thermally protected; ball bearing.

MODEL S-985-1: 200W, 1.71 amps, 120/1/60, 2125 RPM

MODEL S-985-1A: 350W, 2.8 amps, 120/1/60, 2000 RPM

TYPICAL MOTOR LIFE: 100,000 hours (depending on operating conditions, including ambient temperature, duty cycle, etc.)

RATED FAN PERFORMANCE:

Model S-985-1: 250 CFM @ .5" E.S.P., , 180 CFM @ 1.5" E.S.P., 75 CFM @ 1.9" E.S.P.

Model S-985-1A: 350 CFM @ .5" E.S.P.; 240 CFM @ 2.0" E.S.P., 100 CFM @ 2.75" E.S.P.

NOISE LEVEL:

Model S-985-1: 63 dBA @ 5', when mounted on cabinet.

Model S-985-1A: 66 dBA @ 5',. when mounted on cabinet.

WEIGHT:

Model S-985-1: 12 lbs.

Model S-985-1A: 14 lbs.

FILTERS:

Models S-985-1 and S-985-1A:

Prefilter: 2-ply, multi-density, 1" thick polyester

Primary Filter: Pleated paper cartridge, with 15.75 square feet of media, rated at 99.93% efficiency of PTI fine dust.



**Extract-All™
Model 985 Series Offers
3 Year Warranty**

All data has been obtained under controlled conditions. Variables occurring under actual working conditions may cause a slight variance to these specifications. In order to facilitate product improvements, specifications are subject to change without notice.

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