

Model 500 Industrial Fume Extractor - Micro-Pleat Series 1

Model # SS-500-PYTD-MP1

Product Specifications

BASE UNIT DIMENSIONS

30" Length
30" Width
42.5" Height

ARM DIMENSIONS

(2) 12' L x 5" Dia. Fire-Retardant Python Flex Hose w/Magnetic Hood and handle. Optional 25 ft. hose available.

CABINET MATERIAL

16 ga. Carbon Steel

WEIGHT

Approximately 190 lbs. *without* Filters.
Approximately 282 lbs. *with* Filters Installed.

AIR VOLUME

Variable Speed Control Standard on 115V
400 CFM Low, 1300 CFM High with Micro-Pleat Series 1
Particulate Filters Installed; 650 CFM (High) Per Hose
On/Off Toggle Switch Standard on 220V

ELECTRICAL

115/1/60, Approx. 10.7 Amps
220/1/50, Approx. 5 Amps
8' grounded power cord with NEMA 5-15P Plug

SOUND LEVEL

Approximately 72 dba (High) at 3'

FILTRATION

(4) MERV 16 Micro-Pleat Series 1 Particulate Filters

WARRANTY

Limited two-year warranty from date of shipment
on defects due to materials or workmanship.
U.S. PATENT #61563228 Pending



Product Features

- Variable Speed Controller Included (115V only)
- Reliable, Low Maintenance Operation
- No Exterior Ducting Required
- Magnehelic Gage Included
- Heavy-Duty Casters & Portability Handles
- Long Filter Life
- Cleanable Filters
- 360° Rotating Source-Capture Arm
- Simple "No Tool" Filter Change

The Dual Hose Model 500 Python Micro-Pleat Fume Extractor is engineered for heavy-duty, high-volume fume extraction applications for multiple operators. The system is equipped with two 12'L flexible Python hoses that provide powerful suction. Each Python hose includes a magnet capture hood that allows operators to secure the hose inlet to metal surfaces in hard-to-reach places. This unit provides air volume up to 1300 CFM [cubic feet per minute] – 650 CFM per hose.

This system comes equipped with cleanable Micro-Pleat Series 1 Particulate Filters and is designed for production applications, including welding (MIG, TIG, Stick, plasma cutting), grinding, powder weighing, some dust collection applications, and fume extraction for classrooms and multiple soldering, welding, and brazing work stations. Extensive research and testing was performed in developing this particulate media filter and is designed for applications that have heavy loading.

The Particulate Filters are engineered to be easily cleaned with pressurized air while they remain installed. The operator simply sprays air into the filters to clean and rejuvenate them. Dust and waste fall into the internal dust pan, making debris removal simple. The included Magnehelic Gage is an excellent tool for determining filter saturation. When the gage shows increasing pressure levels, the operator can clean the filters. The resulting pressure reduction, noted via the gage, indicates the filters are performing as designed.

The Model 500 is highly portable and requires no exterior-ducting or makeup air. Heavy-duty, locking casters make this fume extractor the perfect solution for applications that require a powerful respiratory engineering control with maneuverability. A Variable Speed Controller and Magnehelic Gage are standard with this unit.



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