

FILTRABOX[®]

Filtrabox by PAT Technology Systems

EXPAND^{XF1}

Extra Flow/Extra Filter Capacity
EZ-Link Laser Connectivity
Low Operating Cost

① Pre-Filter
Collects the majority of fine laser dust

② HEPA Filter
Filters out ultra-fine respirable dust
99.999% @0.3 micron

③ Molecular Gas Filter
Activated Carbon and Oxidizers capture
and destroy odor causing VOCs

Automatic Flow Control

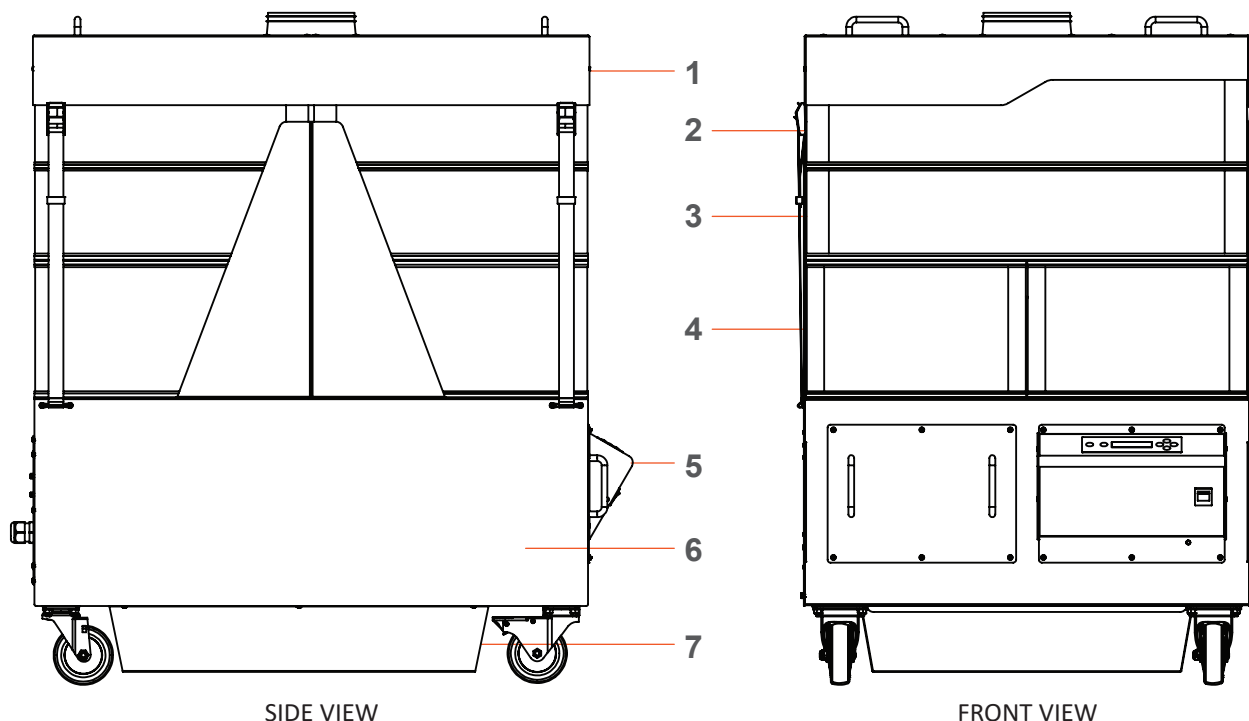
Maintains the airflow set-point by
increasing the fan speed to
compensate for dust accumulation
in the filter.



Specifications

ExpandXF-1

Single Blower



| Technical Specification | | |
|----------------------------|--|-------------------|
| Quiet Operation | 62 dB | |
| Max. Airflow | 1x 235 CFM / 400 m³/h | |
| Height | 45 in. / 114.3 cm | |
| Width | 30 in. / 76.2 cm | |
| Depth | 42 in. / 106.7 cm | |
| Warranty | 1 year | |
| Included Filters | | |
| Type | Spec | Total Media |
| 1 Pre-filter Set | F9 | 44 m² |
| 1 HEPA Set | 99.999% @0.3µm | 44 m² |
| 1 Chemical Cartridge Set** | Coconut shell carbon / KMnO ₄ | 240 lbs. / 109 kg |
| Electrical | | |
| Circuit Size | 240V-15A | |
| Frequency | 50-60 Hz | |
| Rated Amps | 6 A | |

*Per-filter and HEPA Set consist of pairs of cartridges.

**Chemical Cartridge Set consists of four cartridges.

Contact us for details on hose kits.

Legend:

1) Lid Module

5) Electronics Module

2) Rigid Aluminum Pre-Filter

6) Blower Module

3) Rigid Aluminum Hepa Filter

7) Exhaust Outlet

4) Oxy-Carbon Filter