

Prep Pro 4000 Mobile Prep Station - NESHAP Rated 4 Stage Filtration System

3rd Stage Exhaust Filters (under 4th Stage Filters)
MERV 13 pleated filters remove ultra fine aerosolized particulates from the exhaust air stream before entering the carbon filter.

4th Stage Exhaust Filters
The carbon exhaust filters with integrated carbon helps remove some of the volatile organic compounds from the air stream.

Manometers
Monitors health & lifespan of the filters, measuring the performance and particulate load, and indicates when to replace the filter media, as required by NFPA 33 code.

Variable Frequency Drive
Adjustable fan speed control.

Booth Construction
18 gauge steel, as defined by NFPA 33, with CNC precision cut panels and fabricated with 2 inch flanges. Flange holes are centered every 6 in. Rugged nut & bolt assembly.

Air Flow
Exceeds the NFPA 33 required min. 100 FPM face velocity.

1st Stage Exhaust Filters
Fiber pre-filters, intended to catch the bulk of larger aerosolized particulates.

2nd Stage Exhaust Filters
NESHAP rated filters that remove finer aerosolized particulates.

1 1/2 HP TEFC Motor
UL or other NRTL listed motor. Sealed, and outside the NFPA 33 required 3 ft. distance from openings. Aluminum spark-proof fan.



Electrical Requirements

120 Volt, 60 hz, Single Phase AC, 14 Amps

Outlet/Plug Type



NEMA 5-20P

Components

- (1) 1 1/2 HP TEFC Motor
- (2) Manometers
- (4) 1st Stage Pre-Filters (Fiber)
- (4) 2nd Stage NESHAP Filters
- (2) 3rd Stage MERV 13 Filters
- (2) 4th Stage Carbon Filters

Specifications

- All panels are CNC cut 18 gauge steel per NFPA 33
- Precision cut holes every 6 inches on center
- Full 2 inch companion flanges
- 4 stage filtration using 24" x 24" filter media



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Product: Mobile Prep Station

Model: Prep Pro 4000