AFP-100 CFM

Compressed Breathing Air Filtration Panel

ENMET
Creative Gas Detection Solutions

PRODUCT HIGHLIGHTS

- **Three Filter Stages**
- **Capacity 100 CFM**
- **Automatic Water Drains**
- **Coalescer Alarm**
- **Wall Mount Panel**
- **4 Outlet Connections**

AFP-100 CFM is a wall mount compressed breathing air filtration system that removes oil, water, solid particles and unpleasant odors from a compressed air source.

The AFP-100 incorporates a three-stage filtration process. The first step uses a prefilter that removes particulate matter greater than 5 microns. This is followed by a coalescing filter that removes additional particulates larger than 0.01 microns. Then, a charcoal adsorber filter adsorbs odors and organic chemicals. Each filter includes a drain for collected fluids in the filter bowl.

AFP-100 has an adjustable manifold pressure regulator with a gauge for adjusting the manifold pressure. The filter train also has a pressure drop indicator that automatically indicates when the coalescer filter needs to be replaced.

The maximum manifold pressure is 100 psi, and the system has a spring-loaded relief valve that is activated when the manifold pressure exceeds 100 psi to prevent over-pressure of components attached to the filter panel.

The AFP-100 manifold has a maximum capacity of 100 CFM and four outlet ports, each supplied with a Hansen fitting. The panel is designed to provide uniform air distribution to four supplied-air respirators.
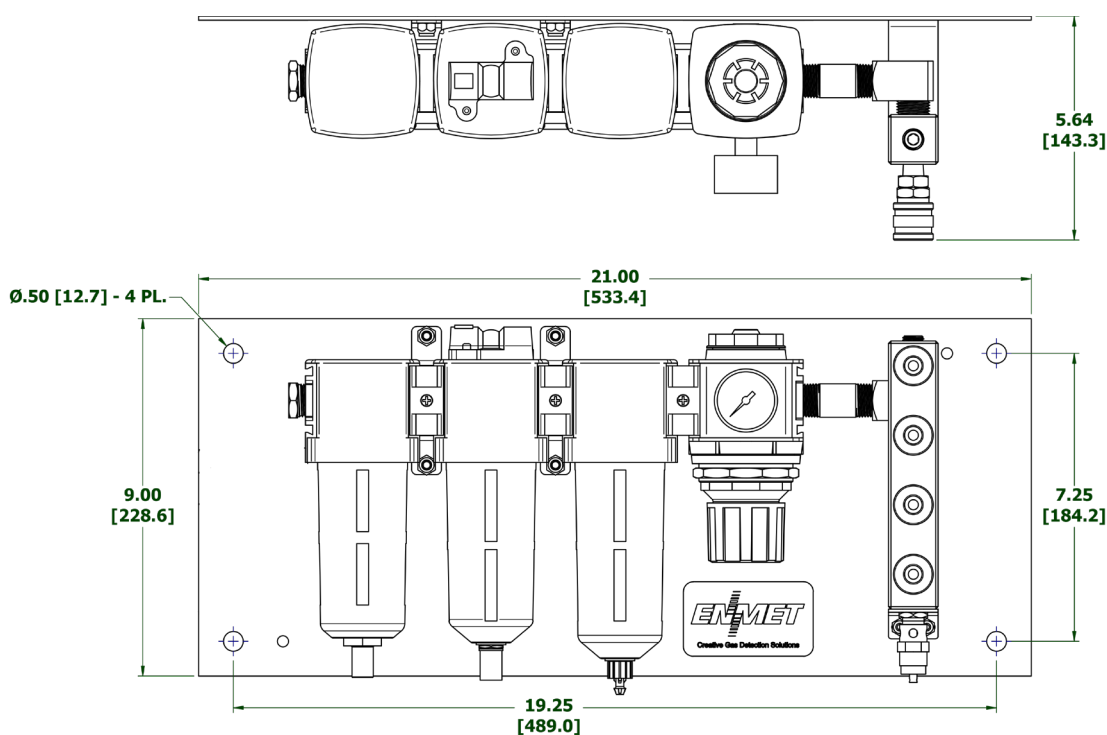
ENMET offers a variety of panel configurations that are compatible with gas detection monitors.

AFP-100 CFM

Description

Inlet Connection:	0.5" NTP
Stage One Filter:	5µ Particulate Filter - Class 3
Stage Two Filter:	0.01µ Coalescing Filter
StageThree Filter:	Activated Carbon 0.003 ppm wt.
Pressure Regulator:	0-150 PSI
Maximum Pressure:	150 PSIG @125°F or 52°C
Max. Flow Capacity:	120 CFM
Outlet Connection:	Hansen Type (4) Connections

Filter Useful Life

6000 hours or One Year
6000 hours or One Year
1000 to 2000 hours @ (70°F or 21°C)

PRODUCT DIMENSIONS

5.64 [143.3]

21.00 [533.4]

Ø.50 [12.7] - 4 PL.

9.00 [228.6]

7.25 [184.2]

19.25 [489.0]

ORDERING INFORMATION

Description	Part Number
AFP (Air Filtration Panel) 100 CFM	03464-050

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