

AFS-50

AIR FILTRATION SYSTEM FOR SUPPLIED-AIR RESPIRATORS

FEATURES

- Designed for assuring Grade D breathing air, when equipped with optional CO/O₂ monitor*
- Includes 4 outlets for connection to supplied-air respirators
- 50 CFM capacity
- Two-stage prefilter/coalescer removes oil, water, and solid particles
- Pressure drop gauge automatically indicates need to change filter
- Adsorber removes unpleasant odor and taste
- Compatible with a variety of ENMET carbon monoxide and oxygen monitors
- Standard with wall-mount brackets
- Can be supplied in the following configurations:

In optional transit case

On optional wall-mount plate

With optional CO/O₂ monitor

**Optional CO monitors allow compliance with OSHA Respiratory Standard CFR 1910.134.*



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AFS-50 System

The new AFS-50 Air Filtration System by ENMET is designed to provide workers with high quality breathing air from a compressor, when equipped with an optional CO monitor. The AFS-50 system incorporates a two-stage prefilter/coalescer which removes oil, water, and solid particles, followed by an adsorber which removes unpleasant odor and taste from the supplied air. The coalescer is a high-efficiency filter that removes oil mist and fine (sub-micron) particles. The AFS-50 has 50 CFM capacity and is equipped with 4 outlet ports for connection to supplied-air respirators. The AFS-50 is compatible with a variety of ENMET carbon monoxide and oxygen monitors. The system is compact and can be supplied in a transit case or on a wall-mount plate, with or without a CO/O₂ monitor.

AFS-50

AIR FILTRATION SYSTEM FOR SUPPLIED-AIR RESPIRATORS

SPECIFICATIONS

| | |
|------------------------------------|---|
| Inlet Pressure: | Maximum 150 psi |
| Manifold Pressure: | Maximum 100 psi, system supplied with regulator and 160 psi gauge |
| Pressure Relief Valve: | Factory set to open at 100 psi and limit manifold pressure |
| Total Air Capacity: | Maximum 50 CFM |
| Outlet Connections: | Supplied with 4 quick disconnects (Hansen series 1000 compatible) for connecting respirators. A fifth quick disconnect can be used for connecting a CO/O ₂ monitor or additional respirator. |
| Inlet Port: | 1/2" NPT, female |
| Prefilter/Coalescer: | Removes oil, water, and solid particles |
| Drain, Prefilter/Coalescer: | For periodically removing collected fluids in the prefilter bowl |
| Pressure Drop Indicator: | Indicates the condition of the prefilter/coalescer element and when to change it |
| Adsorber: | Removes unpleasant odor and taste from the air system |
| Adsorber Drain: | For periodically removing collected fluids in the adsorber bowl |
| Size: | 12"W x 15"H x 5"D (AFS-50 only) |
| Weight: | 10 lbs. (AFS-50 only) |
| Optional Case: | High impact ABS construction 19" x 15" x 6", 8 lbs. |
| Optional Plate: | Painted steel construction 21"W x 17"H, 13 lbs. |

ORDERING INFORMATION:

| Description | Part No. |
|---|------------------|
| AFS-50, Air Filtration System Supplied with mounting brackets | 03462-001 |
| Optional Plate, Wall-Mounting for ISA-RAL-M, ISA-200RAL, or ISA-200RAL-O CO or CO/O ₂ Monitor and AFS-50 | 03262-002 |
| Optional Case Holds AFS-50 and CO-RAL, 9 Vdc, CO Monitor, during transit and use | 03462-003 |



AFS-50 System in Optional Case with SPECTRUM CO-RAL



AFS-50 System on Optional Plate with ISA-RAL-M

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE