

Air Filtration Systems



ST-342-2007

Fixed and Portable Systems



ST-340-2007

Fixed System



ST-341-2007

Portable System

The Draeger Safety Air Filtration Systems are designed to provide Grade D breathing air to workers with supplied air respirators in hazardous or IDLH atmospheres. Capable of supplying 50 cfm or 100 cfm of continuous positive pressure air, the filtration systems use plant or mobile compressors as the primary air supply. The three stage filtering system effectively removes solid particles, moisture, hydrocarbon vapors and odor from the air source. To meet federal, state and local regulations, a carbon monoxide monitor continuously checks CO levels. NIOSH Approved for use with up to 300 feet of hose with Dräger Supplied Air Respirators (SAR).

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Features:

- Visual alarms indicate low battery, high CO levels and normal operation
- Continuous CO level display permits constant monitoring
- CO monitor has internal RFI/EMI filters built into the circuitry to eliminate radio interference
- Pressure gauge locks to prevent accidental pressure change
- Pressure differential indicator on each filter serves as end of filter indicators
- Audible alarm sounds at 120 dbA. Remote alarm connection included.
- Rugged pelican case or aluminum panel withstands the harshest environments
- Panel with no heavy metal components available for azide environments
- Auxiliary battery supply provides back-up in the case of power loss

TECHNICAL DATA

Inlet Pressure	50 to 150 psi		
Inlet Connection	1/2" NPT Female (50 cfm system)		
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Voltage	115 VAC and/or dual 9-15 volt DC battery (batteries not included with shipment)		
Sockets	4 Hansen Brass (50 cfm system)		
	8 Hansen Brass (100 cfm system)		
Dimensions		50 CFM	100 CFM
	Fixed System	23" W x 16.75" H x 8.5" D (584 x 425 x 216 mm)	26" W x 20.75" H x 9" D (660 x 527 x 229 mm)
	Portable System	23" W x 16.75" H x 8.5" D (584 x 425 x 216 mm)	26" W x 20.75" H x 9" D (660 x 527 x 229 mm)
Weight		50 CFM	100 CFM
	Fixed System	50 lbs. (22.7 kg)	60 lbs. (27.3 kg)
	Portable System	28 lbs. (12.7 kg)	38 lbs. (17.3 kg)
Relief Valve	125 psi ASME preset, sealed		
Filtration	3 stage: particulate, oil/water and odor		
Filtration Efficiency	99.9998% at 0.01 micron		

ORDERING INFORMATION

50 CFM Fixed Air Filtration Panel with monitor	4055356
100 CFM Fixed Air Filtration Panel with monitor	4055357
50 CFM Portable Air Filtration Case with monitor	4055563
100 CFM Portable Air Filtration Case with monitor	4055564
CO Monitor System Only	4055358
Remote Audible / Visual Alarm	4055495
Air Filter Panel Spare Filters	
50 CFM Particulate Replacement Filter (1st stage)	4055356
100 CFM Fixed Air Filtration Panel with monitor	4055357
50 CFM Fixed Air Filtration Case with monitor	4055563
100 CFM Fixed Air Filtration Case with monitor	4055564