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 Drarger Supplied Air Respirators (SAR).

NIOSH approved for use with up to 300’ of hose with Draeger Supplied Air Respirators (SAR).

**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)
                      1/2" NPT Female (100 cfm system)
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

<table>
<thead>
<tr>
<th></th>
<th>50 CFM</th>
<th>100 CFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed System</td>
<td>23&quot; W x 16.75&quot; H x 8.5&quot; D (584 x 425 x 216 mm)</td>
<td>26&quot; W x 20.75&quot; H x 9&quot; D (660 x 527 x 229 mm)</td>
</tr>
<tr>
<td>Portable System</td>
<td>23&quot; W x 16.75&quot; H x 8.5&quot; D (584 x 425 x 216 mm)</td>
<td>26&quot; W x 20.75&quot; H x 9&quot; D (660 x 527 x 229 mm)</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th></th>
<th>50 CFM</th>
<th>100 CFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed System</td>
<td>50 lbs. (22.7 kg)</td>
<td>60 lbs. (27.3 kg)</td>
</tr>
<tr>
<td>Portable System</td>
<td>28 lbs. (12.7 kg)</td>
<td>38 lbs. (17.3 kg)</td>
</tr>
</tbody>
</table>

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