# VSH1230 Component Submittal Sheets

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<td>21</td>
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</tbody>
</table>
Caution Labels

Two caution labels are available for indicating the presence of a Viking VSH1230 suppression system. Each caution label is made of aluminum. Label must be located in areas visible to the personnel located within or near the protected areas.

Technical Data

Material......Aluminum
Thickness....0.02 in.
Weight.......0.26 lb.
Dimensions 10 in. x 10 in.

Listings/Approvals

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16988</td>
<td>WARNING: This area is protected by a VSH1230 Fire Suppression system</td>
</tr>
<tr>
<td>16988-S</td>
<td>Spanish Version</td>
</tr>
<tr>
<td>16989</td>
<td>WARNING: Do NOT re-enter until area is thoroughly ventilated</td>
</tr>
<tr>
<td>16989-S</td>
<td>Spanish Version</td>
</tr>
</tbody>
</table>

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Agent Tanks (Pressurized at 360 psi (25 bar))

The agent tank assemblies are manufactured in accordance with DOT/TC and includes the finished tank, shipping cap, valve assembly, and siphon tube and Pressure Gauge/Low Pressure Switch. A nameplate is adhered to the finished tank displaying the agent weight and gross weight of the complete charged assembly. Tanks are super-pressurized with dry nitrogen at 360 psi (25 bar) at 70 °F (21 °C).

When ordering charged tank assemblies, the quantity of agent must be ordered with tank part number hyphen agent quantity in lbs. i.e. 889109 – 100, quantity is in 1 lb. increments.

<table>
<thead>
<tr>
<th>Nominal Volume</th>
<th>Shipping Part No.</th>
<th>“A”</th>
<th>“B”</th>
<th>Dia.</th>
<th>Min. Fill (lb)</th>
<th>Max. Fill (lb)</th>
<th>Empty Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 lb</td>
<td>914147</td>
<td>40.8 in.</td>
<td>23.2 in.</td>
<td>10 in.</td>
<td>20 lb</td>
<td>58 lb</td>
<td>88 lb</td>
</tr>
<tr>
<td>140 lb</td>
<td>889109</td>
<td>65.4 in.</td>
<td>47.8 in.</td>
<td>10 in.</td>
<td>46 lb</td>
<td>137 lb</td>
<td>108 lb</td>
</tr>
<tr>
<td>280 lb</td>
<td>889111</td>
<td>61.4 in.</td>
<td>40.9 in.</td>
<td>16 in.</td>
<td>94 lb</td>
<td>280 lb</td>
<td>190 lb</td>
</tr>
<tr>
<td>390 lb</td>
<td>889113</td>
<td>74.5 in.</td>
<td>54.0 in.</td>
<td>16 in.</td>
<td>130 lb</td>
<td>388 lb</td>
<td>229 lb</td>
</tr>
<tr>
<td>500 lb</td>
<td>910510</td>
<td>86.0 in.</td>
<td>65.5 in.</td>
<td>16 in.</td>
<td>159 lb</td>
<td>476 lb</td>
<td>313 lb</td>
</tr>
</tbody>
</table>

With Liquid Level Indicator

| 280 lb         | 914151           | 61.4 in. | 40.9 in. | 16 in. | 94 lb        | 280 lb       | 210 lb           |
| 390 lb         | 914152           | 74.5 in. | 54.0 in. | 16 in. | 130 lb       | 388 lb       | 251 lb           |
| 500 lb         | 914153           | 86.0 in. | 65.5 in. | 16 in. | 159 lb       | 476 lb       | 286 lb           |

Technical Data

Tank Material......Steel
Tank Finish........Red
Nameplate.......PVC foil self adhesive
Valve.......Brass

Listings/Approvals

UL Listed.........EX-5248
ULC Listed.......EX-5248
FM Approved.....File No. 3035914

Shipping Assembly

See chart above
Agent Tanks (Pressurized at 725 psi (50 bar))

The agent tank assemblies are manufactured in accordance with DOT and include the finished tank, shipping cap, valve assembly, and siphon tube and pressure gauge/low pressure switch. A nameplate is adhered to the finished tank displaying the agent weight and gross weight of the complete charged assembly. Tanks are super-pressurized with dry nitrogen at 725 psi (50 bar) at 70 °F (21 °C).

When ordering charged tank assemblies, the quantity of agent must be ordered with tank part number hyphen agent quantity in lbs. i.e. 888591 – 100, quantity is in 1 lb. increments.

<table>
<thead>
<tr>
<th>Nominal Volume</th>
<th>Shipping Part No.</th>
<th>“A”</th>
<th>“B”</th>
<th>Dia.</th>
<th>Min. Fill (lb)</th>
<th>Max. Fill (lb)</th>
<th>Empty Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>220 lb</td>
<td>926274 888591*</td>
<td>58.5 in.</td>
<td>34.9 in.</td>
<td>16.0 in.</td>
<td>71 lb</td>
<td>211 lb</td>
<td>218 lb</td>
</tr>
<tr>
<td>390 lb</td>
<td>926278 888593*</td>
<td>80.2 in.</td>
<td>53.8 in.</td>
<td>16.0 in.</td>
<td>124 lb</td>
<td>370 lb</td>
<td>289 lb</td>
</tr>
<tr>
<td>500 lb</td>
<td>926280 888595*</td>
<td>88.0 in.</td>
<td>67.5 in.</td>
<td>16.0 in.</td>
<td>159 lb</td>
<td>476 lb</td>
<td>395 lb</td>
</tr>
</tbody>
</table>

*Limited availability.

Technical Data

Tank Material......Steel
Tank Finish.......Red
Nameplate.......PVC foil self adhesive
Valve...........Brass

Listings/Approvals

UL Listed.......EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

See chart above
Mounting Bracket

The mounting bracket is required to properly and safely secure the agent tank assemblies to a rigid vertical mounting surface.

Brackets are available for 360 psi (25 bar) and 725 psi (50 bar) agent tanks. Each size tank requires only one bracket.

<table>
<thead>
<tr>
<th>Size Tank Used On</th>
<th>Shipping Assembly Part No.</th>
<th>Radius (R)</th>
<th>“B”</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 lb...360 psi</td>
<td>19368W/B* or 923157</td>
<td>5.3 in.</td>
<td>4.72 in.</td>
<td>3.2 lb</td>
</tr>
<tr>
<td>140 lb...360 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>280 lb...360 psi</td>
<td>887639</td>
<td>8.1 in.</td>
<td>7.87 in.</td>
<td>4.6 lb</td>
</tr>
<tr>
<td>390 lb...360/725 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>220 lb...725 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 lb...725 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Technical Data

Material........Steel
Finish...........Matt-finish or powder-coated, graphite black

Listings/Approvals

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

See chart above

*Limited availability
Nozzles

The Viking VSH-1230 Fire Suppression System offers several sizes of both 180° and 360° agent discharge nozzles. All nozzles are manufactured in brass and are available with NPT threads. A wide range of drilled orifice sizes are available to meet any discharge rate requirement. Orifice plates are drilled per VSH DesignManager calculations.

### 180° Nozzle

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No. Brass</th>
<th>Part No. Stainless Steel</th>
<th>Orifice Diameter Min………..Max. (0.004 in. increments unless noted in parentheses)</th>
<th>“A”</th>
<th>“B”</th>
<th>SW (Across Flats)</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ in. NPT</td>
<td>889061</td>
<td>889065</td>
<td>0.118 in…….0.512 in. (0.510 &amp; 0.512)</td>
<td>2.2 in</td>
<td>0.9 in</td>
<td>1.2 in</td>
</tr>
<tr>
<td>1 in. NPT</td>
<td>889062</td>
<td>889066</td>
<td>0.118 in…….0.886 in.</td>
<td>3.8 in</td>
<td>2.0 in</td>
<td>2.0 in</td>
</tr>
<tr>
<td>1 ½ in. NPT</td>
<td>889063</td>
<td>889067</td>
<td>0.118 in…….1.398 in.</td>
<td>3.8 in</td>
<td>3.4 in</td>
<td>3.4 in</td>
</tr>
<tr>
<td>2 in. NPT</td>
<td>889064</td>
<td>889068</td>
<td>0.118 in…….1.752 in. (1.750 &amp; 1.752)</td>
<td>3.8 in</td>
<td>3.4 in</td>
<td>3.4 in</td>
</tr>
</tbody>
</table>

### 360° Nozzle

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No. Brass</th>
<th>Part No. Stainless Steel</th>
<th>Orifice Diameter Min………..Max. (0.004 in. increments unless noted in parentheses)</th>
<th>“A”</th>
<th>“B”</th>
<th>SW (Across Flats)</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ in. NPT</td>
<td>889069</td>
<td>889074</td>
<td>0.118 in…….0.512 in. (0.510 &amp; 0.512)</td>
<td>2.2 in</td>
<td>0.9 in</td>
<td>1.2 in</td>
</tr>
<tr>
<td>1 in. NPT</td>
<td>889070</td>
<td>889075</td>
<td>0.118 in…….0.886 in.</td>
<td>3.8 in</td>
<td>2.0 in</td>
<td>2.0 in</td>
</tr>
<tr>
<td>1 ½ in. NPT</td>
<td>888071</td>
<td>889076</td>
<td>0.118 in…….1.398 in.</td>
<td>3.8 in</td>
<td>3.4 in</td>
<td>3.4 in</td>
</tr>
<tr>
<td>2 in. NPT</td>
<td>889073</td>
<td>889077</td>
<td>0.118 in…….1.752 in. (1.750 &amp; 1.752)</td>
<td>3.8 in</td>
<td>3.4 in</td>
<td>3.4 in</td>
</tr>
</tbody>
</table>

### Technical Data

- **Material:** Brass
- **Finish:** Brass
- **Installation height:** 14’ and 17’9” with adjusted design concentration
- **Max Nozzle Area Coverage:** 1,024 ft

### Listings/Approvals

- **UL Listed:** EX-5248
- **ULC Listed:** EX-5248
- **FM Approved:** File No. 3035914

### Shipping Assembly

See chart above

### Ordering Information

Order nozzle part no. – orifice code (i.e. 889061-0512)
Tank Valves 2 ½ in.-12UN (Replacement)

Tank valves are available for field replacement. All replacement valves have been 100% factory tested, fully assembled with all required internal components. Contact pressure gauge is not included with replacement valve.

Valves can be electrically, pneumatically, and manually actuated using the proper actuators.

Replacement valves are available for 360 psi (25 bar) and 725 psi (50 bar) systems.

**Technical Data**

- Valve body......Brass
- Bursting disc....Nickel
- Spring..........Steel
- O-rings/Seal.....NBR
- Weight...........9.7 lb.
- Outlet thread....2 ½”-12 UN
- Outlet 2” with 17563 Swivel Adaptor
- Outlet 2” with 912076 90° Discharge Hose

**Listings/Approvals**

- Use with part 17563 or 912076
- UL Listed........EX-5248
- ULC Listed.......EX-5248
- FM Approved.....File No. 3035914

**Shipping Assembly**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887966</td>
<td>360 psi (25 bar) valve</td>
</tr>
<tr>
<td>887664</td>
<td>725 psi (50 bar) valve</td>
</tr>
</tbody>
</table>
Tank Valves 1 7/8 in.-12UN (Replacement)

Tank valves are available for field replacement. All replacement valves have been 100% factory tested, fully assembled with all required internal components. Contact pressure gauge is not included with replacement valve.

Valves can be electrically, pneumatically, and manually actuated using the proper actuators.

Replacement valves are available for 360 psi (25 bar) and 725 psi (50 bar) systems.

Technical Data

Valve body......Brass  
Bursting disc.....Nickel  
Spring.............Steel  
O-rings/Seal.....NBR  
Weight.............19.6 lb.  
Outlet.............1 7/8-12 UN

Listings/Approvals

Use with part 17562 or 912075  

UL Listed........EX-5248  
ULC Listed........EX-5248  
FM Approved.....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887964</td>
<td>360 psi (25 bar) valve</td>
</tr>
</tbody>
</table>
Pneumatic Release

The pneumatic release can be used to actuate the agent tank valves. The release operates from pilot line pressure received from the control tank. When pressurized, the release pin is forced into the down position which then causes the agent tank valve to open. The release is spring loaded, therefore will reset itself when the pilot line pressure is relieved.

Technical Data

Body........Brass
Spring......Stainless Steel

Listings/Approvals

UL Listed.........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887669</td>
<td>Pneumatic release</td>
</tr>
</tbody>
</table>
Manual Release

The manual release assembly contains a hand lever which can be used to manually actuate the tank valve. When the ring pin is pulled from the lever, the lever can be pushed down, moving the internal pin down, which will cause the tank valve to actuate. The release is not spring-loaded, therefore it must be reset manually after actuation. Manual reset requires pushing the pin up, back into the body of the release.

Technical Data

Body.......Brass
Handle......Stainless Steel
Spring......Stainless Steel

Listings/Approvals

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887668</td>
<td>Manual release</td>
</tr>
</tbody>
</table>

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Manual/Pneumatic Release

The manual/pneumatic release can be used to actuate the agent tank valves. The pneumatic portion of the release operates from pilot line pressure received from the control tank. When pressurized, the release pin is forced into the down position which then causes the agent tank valve to open. The manual portion of the release contains a hand lever which can be used to manually actuate the tank valve. When the ring pin is pulled from the lever, the lever can be pushed down, moving the internal pin down, which will cause the tank valve to actuate. The release is not spring loaded, therefore it must be reset manually after actuation. Manual reset requires pushing the pin up, into the body of the release.

Technical Data

Body........Brass
Spring......Stainless Steel

Listings/Approvals

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887670</td>
<td>Manual/pneumatic release</td>
</tr>
</tbody>
</table>
Electric Release

The 24V electric release can be used to electrically actuate the agent tank valve. An electric signal is required from the detection panel. This signal operates an internal solenoid which actuates the release mechanism. The release mechanism then opens tank valve. Only one electric release is required on multiple tank system. The remaining tank valves are opened by agent pressure through the pilot line.

Technical Data

Nominal Voltage..........24VDC
Nominal Current.........0.5 A
IP Code..................P65
Max. Permitted Test Current...20 mA
Electrical Inlet.........1/2 in. NPT
Weight.................5.5 lb

Listings/Approvals

UL Listed........EX-5248
ULC Listed........EX-5248
FM Approved..........File No. 3035914

Shipping Assembly

Part No. Description
889323D Release without diode
17096 (see Notes) Electric release screw reset tool

Notes:

- 17096 becomes 887645 effective 2020
- Polarity must be observed when wiring the release to control panel. The release will not operate if installed with reverse polarity.
- To reset the electric release, the reset tool Must be threaded into the base of the release until it stops. Remove the reset tool and visually inspect the pin inside the release. If the red marking on the pin is not visual, the release has been correctly reset.
Check Valve

The agent piping network for multiple tank (manifold) systems requires a check valve at each tank outlet. The check valve is required to prevent the loss of agent during a system discharge if, for some reason, a tank has been removed or disconnected from the piping network. The valve is installed between the agent tank valve and the piping manifold.

Technical Data

Body: galvanized steel
Internal components: stainless steel
Spring: stainless steel
Seal: NBR

Listings/Approvals

UL Listed: EX-5248
ULC Listed: EX-5248
FM Approved: File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>912071</td>
<td>2” Check Valve</td>
</tr>
</tbody>
</table>
Pilot Hose

The pilot hose is required for pneumatic actuation of multiply tanks. The pressure from the control tank, upon actuation, is routed through the pilot hose to actuate the remaining tanks in the system. The hose requires the use of an adaptor for attaching to agent tank valves.

Technical Data

- ID: 0.157 in.
- Material: Rubber
- Fittings: Stainless Steel
- Min. bend radius: 3.5 in.

Listings/Approvals

- UL Listed: EX-5248
- ULC Listed: EX-5248
- FM Approved: File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887834</td>
<td>Hose (23.6 in. long) (A)</td>
</tr>
<tr>
<td>887835</td>
<td>Hose (39.4 in. long) (A)</td>
</tr>
<tr>
<td>887836</td>
<td>Hose (59.1 in. long) (A)</td>
</tr>
<tr>
<td>887644</td>
<td>Pilot Hose Adaptor M12x1.5 – G1/8</td>
</tr>
</tbody>
</table>
Discharge Hose

The agent discharge hose is required to connect the tank valve to the piping network, manifold or check valve. The hose allows for a secure connection between the agent tank(s) and the piping network. Two lengths of hoses are available.

<table>
<thead>
<tr>
<th>Style</th>
<th>Part No.</th>
<th>Length (A)</th>
<th>Length (B)</th>
<th>SW1</th>
<th>SW2</th>
<th>Weight-lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° Bend</td>
<td>912075</td>
<td>17.7 in.</td>
<td>4.75 in.</td>
<td>2.4 in.</td>
<td>2.0 in.</td>
<td>3.1 lb</td>
</tr>
<tr>
<td>90° Bend</td>
<td>912076</td>
<td>20.5 in.</td>
<td>6 in.</td>
<td>2.8 in.</td>
<td>2.6 in.</td>
<td>6.0 lb</td>
</tr>
</tbody>
</table>

Technical Data

Material......Rubber
Fittings......Stainless Steel

Listings/Approvals

UL Listed.......EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

See above

912075       1 ½” NPT Discharge Hose
912076       2” NPT Discharge Hose
Contact Pressure Gauge/Low Pressure Switch - VSH1230

The contact pressure gauge/low pressure switch is installed in the agent tank valve. The gauge is available in either normally open (NO) or normally closed (NC) contacts. The contacts are activated by the decrease in tank pressure during a system discharge or loss of tank pressure due to a leak. Switches are available for either 360 psi (25 bar) or 725 psi (50) tanks.

Technical Data

Material...............Aluminum
Switching Voltage....4.5 – 24 VDC/VAC
Switching Current.....5 – 100mA
Contact Load.........Max. 3W, dry contact
Switch Point 360 psi Gauge....324 psi
Switch Point 725 psi Gauge....653 psi

Listings/Approvals

UL Listed........EX-5248
ULC Listed.........EX-5248
FM Approved.......File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>889303</td>
<td>360 psi (25 bar) Gauge (NC at switching point; NO under pressure)</td>
</tr>
<tr>
<td>889305</td>
<td>725 psi (50 bar) Gauge (NC at switching point; NO under pressure)</td>
</tr>
</tbody>
</table>
Pilot Hose/Valve Adaptor

The adaptor is required to connect pilot hose to tank valves, pneumatic/manual releases, and pneumatic releases.

Technical Data

Material.....Brass

Listings/Approvals

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>887644</td>
<td>Pilot Hose Adaptor M12x1.5 – G1/8</td>
</tr>
</tbody>
</table>
Safety Malfunction Device

The safety malfunction device is designed to release small amounts of leakage pressure in pneumatic pilot lines. The device closes automatically on higher pressure. The device must be installed in the vertical position. Available as an assembly.

Technical Data

Material.......Brass
Gasket.........NBR
Weight........0.33 lb.

Listings/Approvals

UL Listed.........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16010</td>
<td>Pressure Malfunction Safety Assembly</td>
</tr>
</tbody>
</table>

Pressure relief (individual parts)
Item 1 Safety device malfunction pressure order no. 88 5869
Item 2 Union, order no. 910650
Item 3 Union order no. 889145
Item 4 Adapter order no. 887644
(for release device pneumatic or pneumatic/manual)
Swivel Adaptor (Tank to Pipe)

The swivel adaptor is used to connect the agent tank valve outlet with the NPT piping network. Two sizes are available, 1 1/2 in. and 2 in. outlet size.

**Technical Data**

Material……..Galvanized Steel
Weight........1 1/2 in. size 2.2 lb
              2 in. size 2.9 lb

**Listings/Approvals**

UL Listed........EX-5248
ULC Listed.......EX-5248
FM Approved....File No. 3035914

**Shipping Assembly**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>17562</td>
<td>1 7/8”-12 UN. Valve Connection (G2) to 1 ½” NPT Pipe Connection (G1) A=3”</td>
</tr>
<tr>
<td>17563</td>
<td>2”-12 UN. Valve Connection (G2) to 2” NPT Pipe Connection (G1) A=3 1/2”</td>
</tr>
</tbody>
</table>

![Diagram of Swivel Adaptor (Tank to Pipe)](image)
Pneumatic Limit/Pressure Switch

The pneumatic operated limit/pressure switch can be mounted in the agent distribution piping. Upon system discharge, the agent pressure in the piping network will actuate the switch, causing the internal electrical contacts to either open or close. This action can be used to signal alarms, turn on warning lights, cause door closures to operate, etc.

Technical Data

- Material: Alloy Die-cast Metal
- IP Rating: IP65
- Nominal Isolation Voltage: 500V
- Permanent Current: 16A
- Nominal Operation Current: 6A, 400 VAC
- Weight: 3.3 lb.

Listings/Approvals

- UL Listed: EX-5248
- ULC Listed: EX-5248
- FM Approved: File No. 3035914

Shipping Assembly

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>826758D</td>
<td>Pneumatic Discharge Pressure Switch Kit</td>
</tr>
</tbody>
</table>

Replacement Parts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>826758</td>
<td>Pneumatic Discharge Pressure Switch</td>
</tr>
<tr>
<td>300057</td>
<td>Adapter M20 x ¾” NPT</td>
</tr>
<tr>
<td>17553</td>
<td>Adapter G1/4 x M12 x 1.5</td>
</tr>
<tr>
<td>17552</td>
<td>Adapter ¼” NPT x M12 x 1.5</td>
</tr>
<tr>
<td>887834</td>
<td>24” Hose (600 mm)</td>
</tr>
<tr>
<td>887835</td>
<td>39” Hose (1,000 mm)</td>
</tr>
<tr>
<td>887836</td>
<td>59” Hose (1,500 mm)</td>
</tr>
<tr>
<td>724420</td>
<td>US 432y-M20-2352</td>
</tr>
<tr>
<td></td>
<td>Replacement Limit Switch (2 Contact)</td>
</tr>
</tbody>
</table>
Solenoid Monitoring Switch (SMS)

The Solenoid Monitoring Switch (SMS) is mounted on the cylinder valve. When the system solenoid is mounted to the valve the SMS will supervise the connection. When the system solenoid is removed the contact will close. This action can be used to signal the disposition to the alarm control panel. The SMS complies with NFPA 2001.

**Technical Data**

- **Contact Rating**: 1 AMP @ 24 VDC
- **Temp. Range**: -22°F to 176°F (-30°C to 80°C)
- **IP Rating**: IP67

**Listings/Approvals**

- **UL Listed**: EX5248
- **ULC Listed**: EX5248
- **FM Approved**: File No. 3035914

**Shipping Assembly**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>922291D* or 932438D</td>
<td>Solenoid Monitor Switch 1 ½”</td>
</tr>
<tr>
<td>922290D* or 932437D</td>
<td>Solenoid Monitor Switch 2”</td>
</tr>
</tbody>
</table>

*Limited availability

**Wiring with end of line device**

1. Control panel  
2. Junction box  
3. End of line device  
4. Supervisory switch  
4.1 Make contact; if release device or valve lever are demounted an electric contact is closed  
4.2 Break contact (not used)

![Diagram of wiring with end of line device]

**WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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