



# Installation Instructions

## Splash Guard Kit (3015-5748)

### for End of Line Filters

Instruction 3015-5756

Rev 0

February 2013

## 1. Overview

The Bacharach Splash Guard Kit protects your gas monitoring equipment against moisture damage from sampling points in locations prone to liquid splashes or overspray. The mountable Splash Guard is easy to install and consists of a durable, moisture-resistant enclosure with a push-to-connect (PTC) fitting (for the input gas sample tubing to your gas detection system) and a replaceable (internal) end-of-line filter.

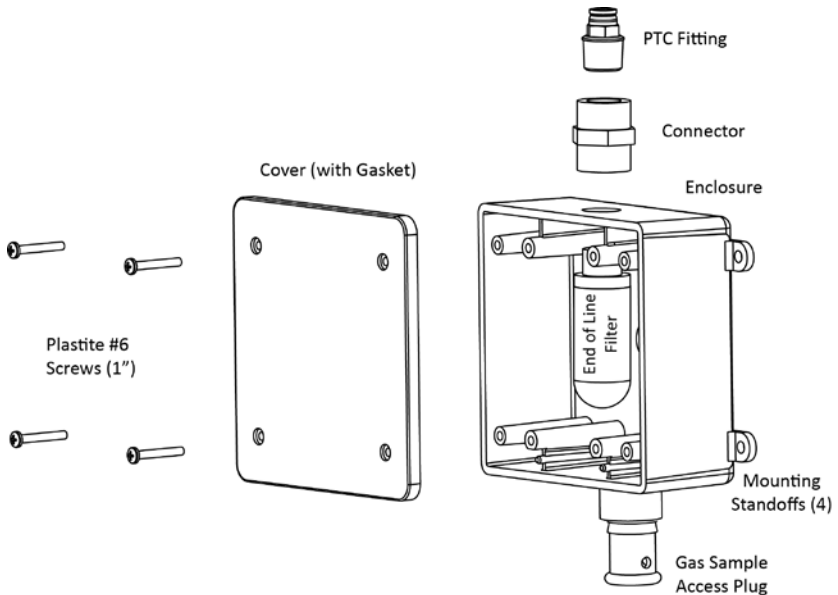


This instruction explains:

- How to install the Splash Guard
- How to replace the end-of-line filter.

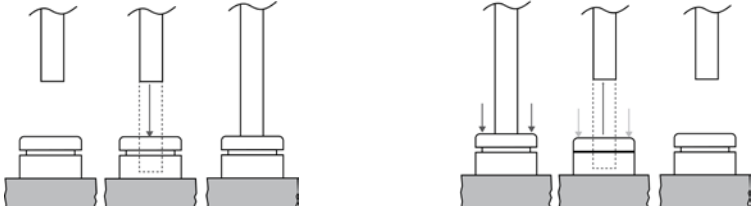
## 2. Components

The Splash Guard (P/N 3015-5748) is shipped completely assembled. Individual components are shown below.

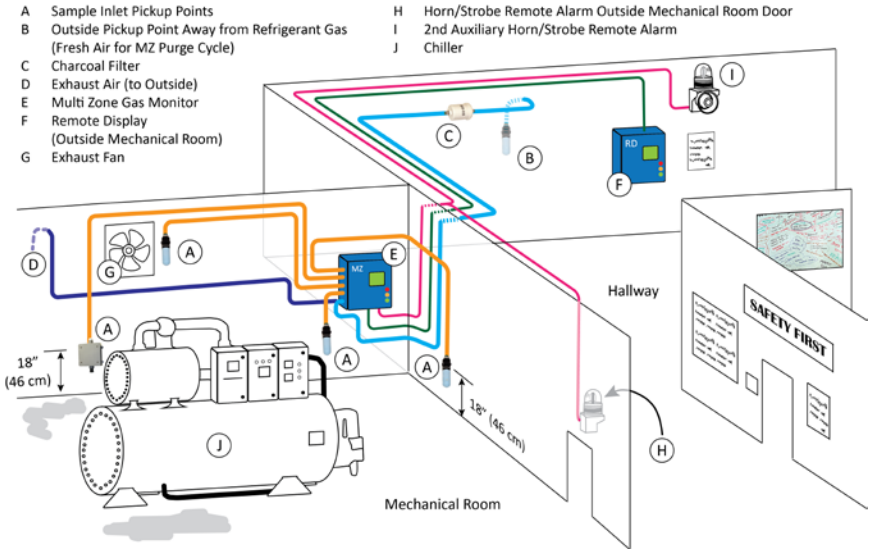


## Splash Guard Kit

### 3. Installing the Splash Guard

Step	Description
1	<p>Gather what you'll need to perform the installation. This includes:</p> <ul style="list-style-type: none"><li>• The Splash Guard Kit</li><li>• Documentation from your Gas Monitor/Detector (for proper placement of pickup point)</li><li>• Mounting tools and hardware appropriate for your installation:<ul style="list-style-type: none"><li>○ drill</li><li>○ screwdriver</li><li>○ 4 mounting screws <math>\leq 3/16</math>" diameter</li><li>○ and optional wall anchors</li></ul></li><li>• Gas sample tubing pre-run from your gas monitor to your pickup location(s).</li></ul>
2	<p>Determine appropriate location for sample pickup point in the area to be monitored. Depending on the density of the gas being monitored, optimal pickup point locations could be low to the ground or higher in the room. Refer to the instructions provided with your gas monitor for more information on optimal placement of pickup points.</p>
3	<p>Position the Splash Guard enclosure with the gas sample plug at the bottom and the PTC fitting at the top.</p>
4	<p>Mark the locations of the mounting standoffs.</p>
5	<p>Pre-drill mounting holes (if required) and secure the enclosure using appropriate hardware (not provided).</p>
6	<p>Ensure the cover is securely in place to ensure a proper seal.</p>
7	<p>Install appropriate pickup point gas tubing into the PTC fitting on the top of the Splash Guard enclosure. See figures below (left). To remove tubing from a PTC connector (if needed), refer to figures at right.</p> 

A sample installation site is shown below. This example uses a single Splash Guard at a pickup point that is susceptible to moisture accumulation and overspray. Note that other areas not subject to liquid overspray use standard end-of-line filters at pickup points. This Splash Guard installation example shows a Multi-Zone (MZ) fixed gas monitor with an optional Remote Display (RD) unit.



## 4. Replacing an End-of-Line Filter (P/N 3015-3420)

The end-of-line filter (P/N 3015-3420) should be replaced as required. Refer to your gas detector documentation for recommendations on replacement frequency.

Step	Description
1	<p>Gather what you'll need to perform the installation. This includes:</p> <ul style="list-style-type: none"> <li>• The end-of-line filter replacement (P/N 3015-3420)</li> <li>• A Phillips-head screwdriver</li> <li>• Crescent wrench</li> </ul>
2	Remove the front cover of the Splash Guard by unscrewing the four (4) screws.
3	<p>Place the crescent wrench on the connector below the PTC fitting to hold it in place while unscrewing (counter clockwise) the old end-of-line filter. Dispose of the old filter.</p> <p><b>NOTE:</b> Be sure to keep the connector from turning and thereby twisting or compromising the sample tubing.</p>



## Splash Guard Kit

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Step	Description
4	Install the new end-of-line filter by feeding the threaded end up into the top access hole of the splash guard enclosure. Begin threading the new filter into the connector in a clockwise fashion until hand tight. <b>NOTE:</b> Be sure to keep the connector from turning and thereby twisting or compromising the sample tubing.
5	Replace the front cover of the Splash Guard by re-installing the four (4) screws removed earlier.
6	Verify proper (error-free) operation of that pickup point at your gas monitor.



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