

**SPECIFICATION SHEET** 

# Series 601-M

## Air Gap Drains for use with 860/LF860, 860U/LF860U

**Size:** 1/2" - 2" (15 - 50mm)

The air gap drain is designed to be installed under the 860/LF860, 860U/LF860U 1/2" - 2" (15 - 50mm) reduced pressure assemblies to catch moderate relief valve discharge due to pressure fluctuations and/or minor check valve fouling.

### Features

- Reduces amount of water splashing in area around reduced pressure assemblies.
- Funnels moderate relief valve discharge into drain.
- Designed to fit standard 1" and 2" pipe.

### Materials

Funnel: ASTM A48  
 Funnel Connectors: ASTM B26 Alloy 356  
 Coating: Vitralon polyurethane, black

### Specifications

The air gap drain shall be corrosion resistant material with stainless steel mounting fasteners. The drain must be of a design that allows mounting by attachment of the drain to the relief valve of a reduced pressure assembly.

The air gap shall provide connection for a minimum drain, minimum drain size equal to the valve size or greater. Smaller diameter drain pipe shall not be allowed in order to minimize potential overflow water damage. Larger diameter drains are acceptable by use of standard pipe connectors.

The air gap drain shall be FEBCO Series 601 1/2" - 2" (15 - 50mm).



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### Typical Installation

1. Before installation check local codes. This type of drain may not be approved for use in some areas.

#### CAUTION

This drain is intended to catch moderate relief valve discharges due to line pressure fluctuations and minor check valve fouling. Under certain conditions relief valves can discharge water at rates greater than the drain capacity.

2. If installed indoors, the assembly should be installed near a floor drain sized to adequately handle discharge.
3. After installation of backflow assembly and piping, attach drain funnel to relief as shown, using self tapping screws provided in kit to join drain funnel halves together, making sure that the slots in the drain funnel are located over tabs on relief valve port.

#### NOTICE

The gap drain is not designed to catch the maximum discharge possible from the relief valve. The installation of FEBCO air gap with the drain line terminating above a floor drain will handle any normal discharge or nuisance spitting through the relief valve. However, floor drain size may need to be designed to prevent water damage caused by a catastrophic failure condition. Do not reduce the size of the drain line from the air gap fitting.

#### NOTICE

Drain funnel was not designed to, nor is it able to support drainpipe weight.

#### NOTICE

Consult local codes to insure drain installation meets all local requirements.

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

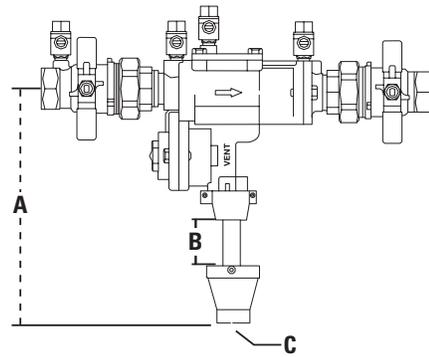
Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

FEBCO product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact FEBCO. FEBCO reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on FEBCO products previously or subsequently sold.

## Dimensions

SIZE (DN)		DIMENSIONS					
<i>in.</i>	<i>mm</i>	'A'		'B'		'C'	
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.(NPT)</i>	<i>mm</i>
1/2	15	8 <sup>5</sup> / <sub>16</sub>	211	1	25	1	25
3/4	20	8 <sup>5</sup> / <sub>16</sub>	211	1	25	1	25
1	25	8 <sup>9</sup> / <sub>16</sub>	217	1	25	1	25
1 1/4	32	12 <sup>1</sup> / <sub>16</sub>	322	1 3/4	44	2	50
1 1/2	40	12 <sup>1</sup> / <sub>16</sub>	322	1 3/4	44	2	50
2	50	12 <sup>1</sup> / <sub>16</sub>	322	1 3/4	44	2	50

Dimensions are nominal. Allowances must be made for normal manufacturing tolerances.



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