

For Non-Health Hazard Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series 601-M

Air Gap Drain for use with 860/LF860, 860U/LF860U

1/2" – 2"

NOTICE

This air gap drain is not designed for use on Series 860 assemblies with flood sensors.

FEBCO Series 601-M is designed for installation on Series 860/LF860 and 860U/LF860U 1/2" to 2" reduced pressure assemblies to catch moderate relief valve discharge resulting from pressure fluctuations and/or minor check valve fouling.

Features

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

Materials

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

Specification

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" to 2".



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Typical Installation

CAUTION

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

1. Before installation check local codes. This type of drain may not be approved for use in some areas.
2. If installed indoors, install the assembly near a floor drain sized to adequately handle discharge.
3. After installation of backflow assembly and piping, attach the drain funnel to the relief valve. (See diagram on page 2.)
4. Use the self-tapping screws provided in the kit to join the drain funnel halves together, making sure the slots in the drain funnel are located over the tabs on the 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 can 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.

Drain funnel is neither designed to nor able to support drainpipe weight.

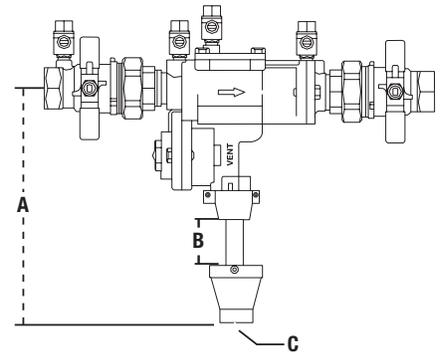
Consult local codes to ensure drain installation meets all local requirements.



Dimensions

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

SIZE (DN)		DIMENSION					
<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 ⁷ / ₁₆	211	1	25	1	25
3/4	20	8 ⁵ / ₁₆	211	1	25	1	25
1	25	8 ⁹ / ₁₆	217	1	25	1	25
1 1/4	32	12 ¹¹ / ₁₆	322	1 3/4	44	2	50
1 1/2	40	12 ¹¹ / ₁₆	322	1 3/4	44	2	50
2	50	12 ¹¹ / ₁₆	322	1 3/4	44	2	50



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