SPECIFICATION SHEET   *FEBCO®*

Series AGD
Air Gap Drains for Use With 825Y, 825YD and 826YD Reduced Pressure Devices

AGD-Y: ¾" - 2" (20mm - 50mm) / PN 905082
AGD-L: 2½" - 10" (65mm - 250mm) / PN 905083

Features

- Reduces amount of water splashing in area around reduced pressure assemblies.
- Funnels minor relief valve discharge into drain.
- Conforms to air gap installation requirements.

Operation

The FEBCO Air Gap Drain is designed to be installed under the 825Y ¾" - 2" (20 - 50mm) and 825YD 2½" - 10" (65 - 250mm) reduced pressure assemblies to catch minor relief valve discharge due to pressure fluctuations and/or minor check valve fouling.

NOTE: 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.

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 drain shall be FEBCO Series AGD or prior approved equal.

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

Dimensions – Weights

Size: ¾" - 10" (20 - 250mm)

SIZE (DN)		DIMENSIONS						WEIGHTS	
		A		B		C			
in.	mm	in.	mm	in.	mm.	in.		lbs.	kgs.
¾" - 1¼	20 - 32	6½	165	2	51	1" Pipe		.12	.05
1½ - 2	40 - 50	7½	191	2¾	70	1" Pipe		.12	.05
2½	65	12¼	311	5¾	146	2" NPT		7	3.2
3	80	12½	318	5¾	146	2" NPT		7	3.2
4	100	12¾	324	5¾	146	2" NPT		7	3.2
6	150	13	330	5¾	146	2" NPT		7	3.2
8	200	13½	343	5¾	146	2" NPT		7	3.2
10	250	13¾	349	5¾	146	2" NPT		7	3.2

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

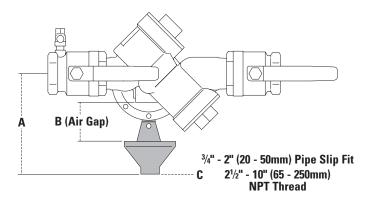## Materials

Funnel: Corrosion resistant

Mounting Fasteners: Stainless Steel

Typical Installation

CAUTION: This drain is intended to catch minor relief valve discharges due to line pressure fluctuations and minor check valve fouling. Under certain conditions relief valves can discharge water at rates significantly 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. After installation of RP device and piping, attach drain funnel onto pipe. Do not use the RP device to support the drain pipe weight.

3. Sizes: ¾", 1", & 1¼" (20, 25, 32mm): Attach funnel with the shorter bolt by threading through the funnel into the tapped hole in the relief valve body.

   Sizes: 1½" and 2" (40 & 50mm): Replace the lower cover bolt with the supplied long (relieve all pressure in the device before removing the cover bolt). Attach spacer to funnel using smaller bolt and nut. Position funnel/spacer over the protruding bolt end and secure with the supplied nut.

A
B (Air Gap)
¾" - 2" (20 - 50mm) Pipe Slip Fit
C   2½" - 10" (65 - 250mm) NPT Thread

Job Name _____

Job Location _____

Engineer _____

Approval _____

Contractor _____

Approval _____

Contractor's P.O. No. _____

Representative _____

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