

## Engineering Specification

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Composite Air Gaps

## Air Gaps

An air gap provides the unobstructed, physical separation between the discharge end of the potable water supply line and an open receiving vessel.

The installation of an air gap and drain line are recommended. If using an air gap on an assembly equipment with a flood sensor, order the air gap listed for that specific flood sensor assembly model.

### Approvals

In accordance with ASME A112.12 2012

### Features

- Reduces the amount of water splashing in the area of a reduced pressure assemble
- Air gaps moderate relief valve discharge into drain
- Light weight, durable composite ABS

### Material

Air Gap: ABS

Mounting Fastener: Stainless Steel

### Specification

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

#### ⚠ CAUTION

This drain is intended to catch moderate relief valve discharges resulting from line pressure fluctuations and 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.
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 air gap to relief using provided screws.



Composite Air Gaps

#### NOTICE

The air gap is not designed to catch the maximum discharge possible from the relief valve. The installation of the 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.

Air gap is neither designed to nor able to support drainpipe weight.

Consult local codes to ensure drain installation meets all local requirements

#### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

# Composite Air Gap Cross Reference

Call customer service if you need assistance with technical details.

RETIRING AIR GAP KIT	APPLICATION SIZE/SERIES	COMPOSITE AIR GAP KIT	FLOOD SENSOR REQUIRED WITH COMPOSITE AIR GAP
0881399 – 909AGA	½" 009 series ¾" 009M2 & 009M3 series ½" – 1" 995 series	0881582 – AirGap-P-1	None required but works with 88009472 FP-BF-SA -009-1/2-3/4 (applies to all in this group)
0881376 – 909AGC	¾" – 1" 909 series ¾" – 1" 009 series 1" – 1½" 009M2 series 1¼" – 2" 995 series	0881583 – AirGap-P-2	None required but works with 88009473 FP-BF-SA -009/909-3/4-11/2 (applies to all in this group)
0881576 – 919AGC	¾" – 1" 919 series	0881582 – AirGap-P-1	None required but works with 88009477 FP-BF-SA -919-1/2-1 (applies to all in this group)
0881577 – 919AGF	1¼" – 2" 919 series	0881583 – AirGap-P-2	Sensor Required 88009478 - FP-BF-SA-919-1 1/4-2

