

Avoid the call at 3 a.m. when your mechanical room is underwater!

Continuous relief valve discharge from your backflow preventer can overwhelm a building's drainage systems, potentially causing costly property damage.

The solution: Install the **Watts 113-RFP Flood Protection Shutdown Valve** upstream of your Watts Reduced Pressure Principle backflow preventer.

Monitors for these backflow issues

- Fouled first check seats due to dirt, debris, or rocks
- Clogged or blocked relief valve sensing line
- Relief valve diaphragm failure

Here's how it works.

Under normal conditions the 113-RFP remains fully open. If the backflow Preventers relief valve opens:

- 1) Heavy flow thru the drain pipe trips a flow sensor.
- 2) The 113-RFP shuts off supply from the main.
- 3) Volume of water exiting the relief valve is virtually eliminated.



Watts Flood Protection 113-RFP

Benefits

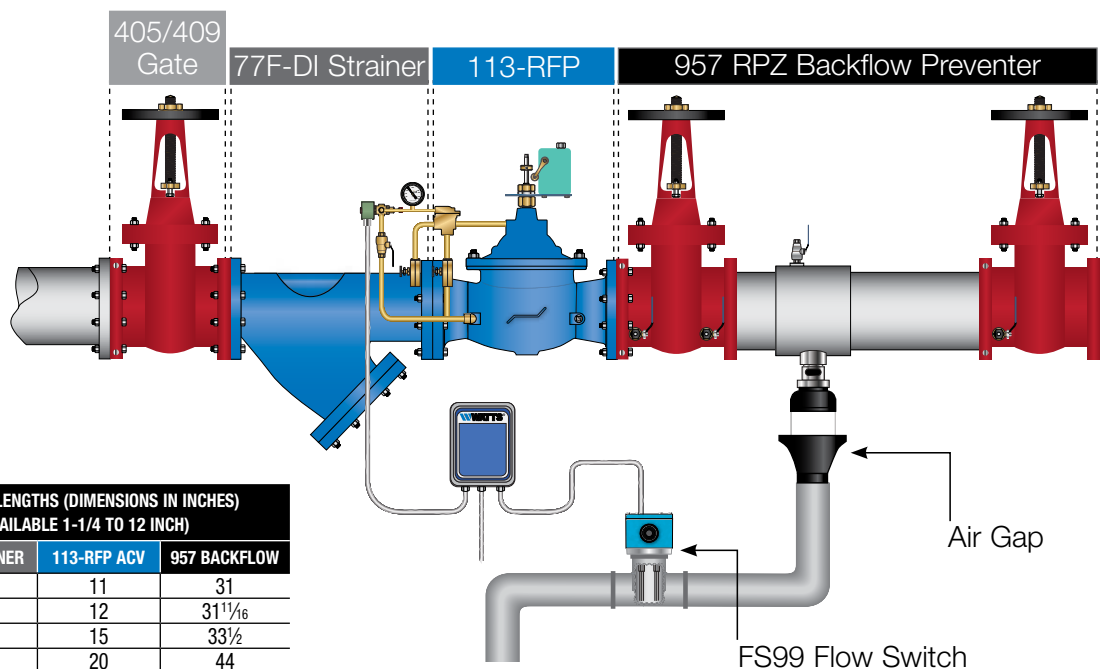
- Reduces costly water damage in poor drainage areas
- Replaces the need for containment doors and other flood prevention devices
- Easy intergration with Watts Reduced Pressure Zone backflow preventers
- Reduces floor drain size
- Reduces requirement for drain pumps

Features

- Optional single or dual NEMA-4 limit switches enable remote electrical indication
- Reverse flow main valve closes in the event of diaphragm failure
- Specially coated valve stem for added protection
- Pre-Wired valve-mounted JB113 junction box with adjustable time delay for easy installation
- Available in 1¼" to 12"
- Lead Free construction



Typical Configuration



COMMON SIZE FLANGED LAY LENGTHS (DIMENSIONS IN INCHES)
(PRODUCT OPTIONS AVAILABLE 1-1/4 TO 12 INCH)

| | 405/409 GATE | 77F STRAINER | 113-RFP ACV | 957 BACKFLOW |
|----|--------------|--------------|-------------|----------------------------------|
| 2½ | 7½ | 10 | 11 | 31 |
| 3 | 8 | 10½ | 12 | 31 ¹¹ / ₁₆ |
| 4 | 9 | 12½ | 15 | 33½ |
| 6 | 10½ | 18½ | 20 | 44 |
| 8 | 11½ | 21½ | 25½ | 50 |

- Flood Protection Valve requires 120 VAC Power
- 113-RFP also compatible with full line of RPZ models LF909 and 994

NOTICE

Consult your local Design Engineer to determine that this product is suitable for your intended application.



A Watts Water Technologies Company

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