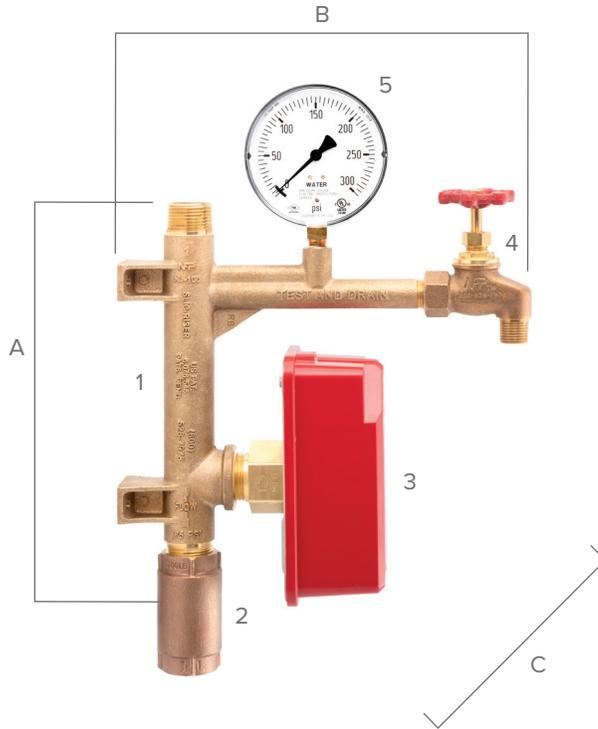


Pre-assembled, compact fire sprinkler riser unit for residential sprinkler systems



FEATURES & BENEFITS

- Manifold is manufactured as a one-piece casting that is air-tested for leaks
- Raised lettering on both sides allows installation to the right or left and easily identifies the flow direction and test and drain outlet
- Two mounting legs are molded onto the manifold allowing for a secure right or left anchoring
- Flow switch has dual SPDT switches and a retard of 0–90 seconds
- Optional "all-in-one" cost-saving combination pressure relief valve/test and drain valve is available
- Unique, compact design allows installation within standard frame construction and in tighter spaces

TECHNICAL DATA

- Sizes: 1", 1-1/4", 1-1/2", 2"
- Style: Thread x thread
- Riser Body Finish: Cast brass
- Water Pressure Gauge: 0–300 psi
- Optional Accessories: 175 psi pressure relief valve/test and drain
- In accordance with NFPA 13, 13R and 13D
- Flow switch and pressure gauge are UL Listed



COMPONENTS

	DESCRIPTION
1	Manifold body, male thread x male thread
2	Inline check valve, spring-loaded
3	Flow switch with retard
4	Drain valve, with optional pressure relief valve
5	Pressure gauge, 0–300 psi

DIMENSIONS

	DESCRIPTION	1"	1-1/4"	1-1/2"	2"
A	Height*	13"	13"	13"	13"
B	Width**	11"	12"	12-1/4"	12-3/4"
C	Depth	3-1/2"	3-1/2"	3-1/2"	3-1/2"
–	Drain Size	1/2"	1"	1"	1"

Dimensions include all spacing needed to operate drain valve and remove flow switch cover

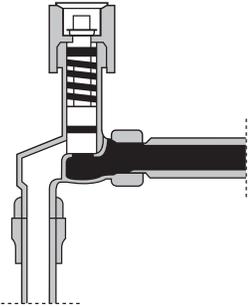
* Without check valve

**With or without pressure relief valve

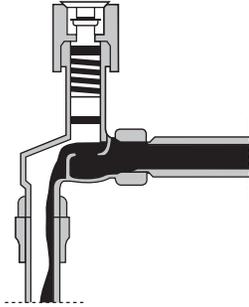
MODEL NUMBERS

PART #	WITH INLINE CHECK VALVE	WITH SWING CHECK VALVE	WITH PRESSURE RELIEF VALVE	WITH CPVC ADAPTERS
1"				
SR100-IR4	✓			
SR100-R4				
SR100-SR4		✓		
SR100-IRR4	✓		✓	
SR100-SRR4		✓	✓	
SR100-IR4-TD	✓			✓
SR100-SR4-TD		✓		✓
SR100-IRR4-TD	✓		✓	✓
SR100-RR4-TD			✓	✓
SR100-SRR4-TD		✓	✓	✓
1-1/4"				
SR125-IR4	✓			
SR125-R4				
SR125-SR4		✓		
SR125-IRR4	✓		✓	
SR125-SRR4		✓	✓	
SR125-IR4-TD	✓			✓
SR125-SR4-TD		✓		✓
SR125-IRR4-TD	✓		✓	✓
SR125-RR4-TD			✓	✓
SR125-SRR4-TD		✓	✓	✓
1-1/2"				
SR150-IR4	✓			
SR150-R4				
SR150-SR4		✓		
SR150-IRR4	✓		✓	
SR150-SRR4		✓	✓	
SR150-IR4-TD	✓			✓
SR150-SR4-TD		✓		✓
SR150-IRR4-TD	✓		✓	✓
SR150-RR4-TD			✓	✓
SR150-SRR4-TD		✓	✓	✓
2"				
SR200-IR4	✓			
SR200-R4				
SR200-SR4		✓		
SR200-IRR4	✓		✓	
SR200-SRR4		✓	✓	
SR200-IR4-TD	✓			✓
SR200-SR4-TD		✓		✓
SR200-IRR4-TD	✓		✓	✓
SR200-RR4-TD			✓	✓
SR200-SRR4-TD		✓	✓	✓

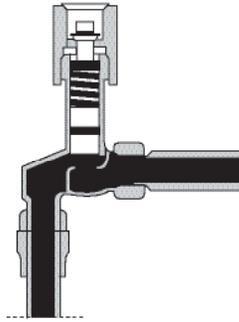
HOW IT WORKS: PRESSURE RELIEF/TEST & DRAIN



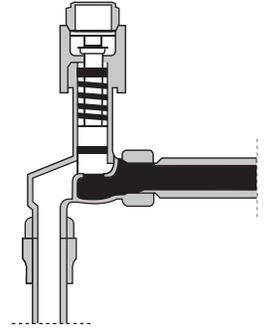
Normal Position:
Static pressure



Relieving pressure
exceeding 175 psi

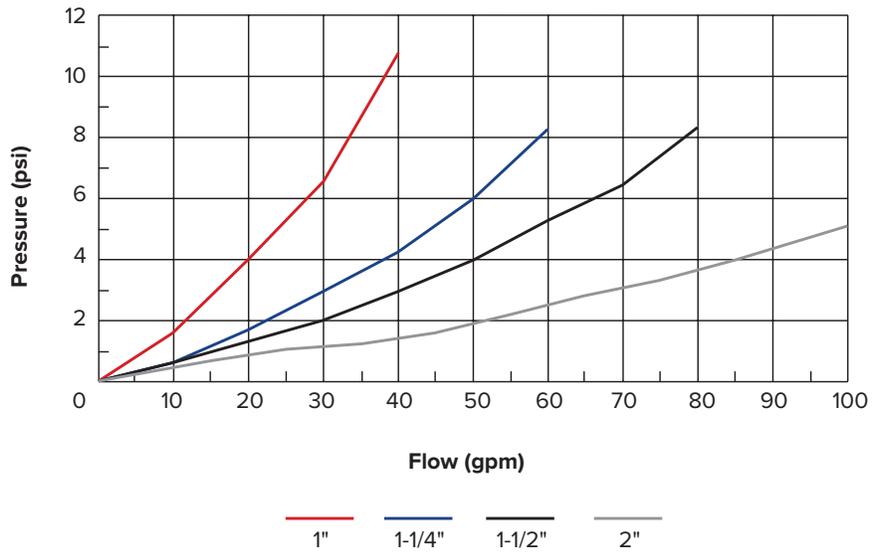


Manual Open:
Drain or flow switch test



Locked closed for
hydrostatic test

PRESSURE LOSS



INLINE SPRING CHECK VALVE

COMPONENTS

	DESCRIPTION	MATERIAL
1	Nut	Stainless Steel
2	Spring Cap	Stainless Steel
3	Spring	Stainless Steel
4	O-Ring Seat	Rubber
5	Clapper, Spring-Loaded	Brass
6	Body	Brass
7	Washer	Teflon™

DIMENSIONS

	1"	1-1/4"	1-1/2"	2"
A	1-9/16"	2"	2-1/8"	2-3/4"
B	3-1/4"	3-5/8"	4"	5"
C	1-3/16"	1-9/16"	1-3/4"	2-3/16"

