

Building connections that last™



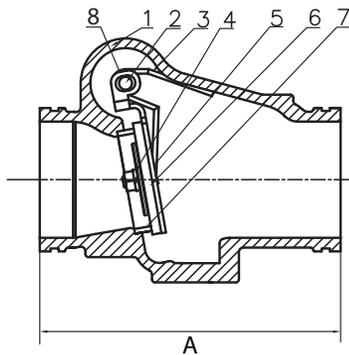
# Fig. 67CVRKIT

UL/FM Grooved Riser Check Valve with Trim Kit Datasheet



# UL/FM Grooved Riser Check Valve with Trim Kit

**Fig. 67CVRKIT**



## Features

- The riser check valve is factory NPT tapped and plugged allowing it to also be used as a swing check valve.
  - Reduces inventory
  - Reduces shelf space required to stock
- Up to 75% lighter than the competition (Applies to 8" Size)
  - Safer to handle in the warehouse
  - Safer to ship
  - Safer and easier to handle and install
- Trim Kit – 12 parts packaged together to reduce search time and chance of missing parts
- Fig. 67CVR-A is SCI® Branded, and the gauges and valves are FPPI® branded – we stand behind the product – make sure that the company you are buying from has enough confidence in their product to put their name on it
- Riser check valve only allows flow in one direction with a non-slam closure before flow reversal can occur, holds tight with a leak tight seal and non-sticking operation
- Grooved ends provide faster installation
- Part of the broader SCI COOPLOK™ Grooved product portfolio
- Trim kit is designed for SCI Fig. 67CVR-A only.

## Parts & Materials

No.	Part	Material
1	Body	Ductile Iron ASTM A536, 65-45-12
2	Hinge Pin	420 Stainless Steel
3	Spring	304 Stainless Steel
4	Spring Washer	304 Stainless Steel
5	Disc	2-½" - 4": 304 Stainless Steel 6" - 8" Ductile Iron ASTM A536, 65-45-12
6	Seal Ring	EPDM
7	Seat	Lead-free Bronze C89833
8	Drain Plug	Malleable Iron Galvanized
9	Bushing	Lead-free Bronze C89833

## Dimensions

Pipe Size	Part Number	A	B	Drain Size	Weight
in/mm		in/mm	in/mm	in/mm	lb/kg
2-½	67CVRE3024A	7.25	3.50	1-¼ NPT	8.1
65		184.0	89.0	31.75 NPT	3.7
3	67CVRE3030A	7.75	3.75	1-¼ NPT	10.6
80		197.0	95.0	31.75 NPT	4.8
4	67CVRE3040A	8.11	4.25	2 NPT	17.4
100		206.0	108.0	50.8 NPT	7.9
6	67CVRE3060A	12.75	5.25	2 NPT	36.5
150		324.0	133.0	50.8 NPT	16.6
8	67CVRE3080A	14.60	6.25	2 NPT	60.4
200		371.0	160.0	50.8 NPT	27.4

## Technical Information

- Riser Check Valve is cUL and FM Approved
- Can be used in horizontal and vertical applications
  - hinge pin must be up in horizontal apps.; Flow must be in direction of arrow for vertical
- 300 PSI rating matches highest in the industry when used with a trim kit
- Check valve body conforms to ASTM A536, 65-45-12 keeping it light and easy to install – see benefits above concerning safety and ease of installation
- Available in sizes 2.5" through 8"
- Groove dimensions to AWWA C-606



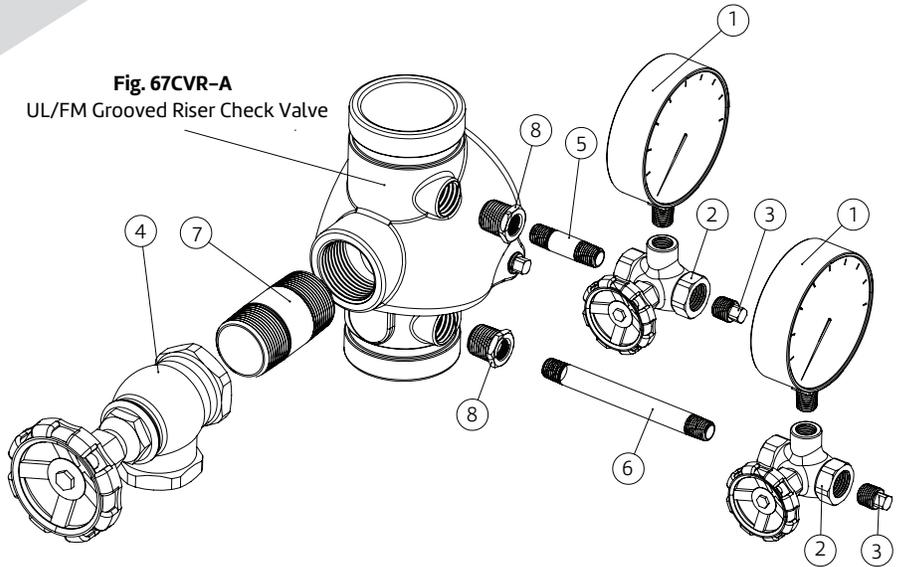
**AWWA  
C515  
Compliant**

# UL/FM Grooved Riser Check Valve with Trim Kit

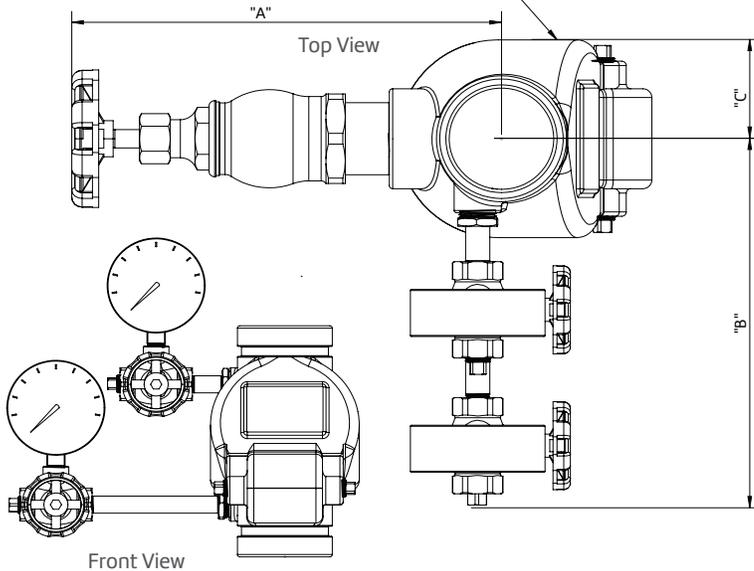
## Fig. 67CVRKIT



**Fig. 67CVR-A**  
UL/FM Grooved Riser Check Valve



**Fig. 67CVR-A**  
UL/FM Grooved Riser Check Valve



### Dimensions

Pipe Size	Part Number	A	B	C	Weight
in/mm		in/mm	in/mm	in/mm	lb/kg
2-1/2	67CVRKIT04030	10.0	9.0	2.5	5.25
3	67CVRKIT024030	10.0	9.5	2.5	5.25
4	67CVRKIT040	13.5	10.8	3.0	8.00
6	67CVRKIT060080	14.0	11.5	5.0	8.05
8	67CVRKIT060080	14.5	12.5	6.0	8.05

**Note:** \*Designed for use with Smith-Cooper Fig. 67CVR-A UL/FM Grooved Riser Check Valve.

### Kit Part Number 67CVRKIT024030 - 2-1/2" & 3"

No.	Part Number	Description	Qty.
1	11-550-00	FPPI® Water Gauge, 0-300psi	2
2	06-600-00	FPPI® 3-Way Gauge Valve, UL	2
3	24SP4002	1/4" Galv. Square Plug	2
4	06-826-00	FPPI® Angle Valve, 1 1/4" UL/ULC	1
5	84NI4002020C	1/4" x 2" Galv. Nipple	1
6	84NI4002054C	1/4" x 5-1/2" Galv. Nipple	1
7	84NI4012030C	1-1/4" x 3" Galv. Nipple	1
8	24HB4004002	1/2" x 1/4" Galv. Hex Bushing	2

### Kit Part Number 67CVRKIT040 - 4"

No.	Part Number	Description	Qty.
1	11-550-00	FPPI® Water Gauge, 0-300psi	2
2	06-600-00	FPPI® 3-Way Gauge Valve, UL	2
3	24SP4002	1/4" Galv. Square Plug	2
4	06-830-00	FPPI® Angle Valve, 2" UL/ULC	1
5	84NI4002020C	1/4" x 2" Galv. Nipple	1
6	84NI4002054C	1/4" x 5-1/2" Galv. Nipple	1
7	84NI4012030C	1-1/4" x 3" Galv. Nipple	1
8	24HB4004002	1/2" x 1/4" Galv. Hex Bushing	2

### Kit Part Number 67CVRKIT060080 - 6" - 8"

No.	Part Number	Description	Qty.
1	11-550-00	FPPI® Water Gauge, 0-300psi	2
2	06-600-00	FPPI® 3-Way Gauge Valve, UL 2	2
3	24SP4002	1/4" Galv. Square Plug	2
4	06-830-00	FPPI® Angle Valve, 2" UL/ULC	1
5	84NI4002040C	1/4" x 4" Galv. Nipple	1
6	84NI4002040C	1/4" x 4" Galv. Nipple	1
7	84NI4012030C	1-1/4" x 3" Galv. Nipple	1
8	24HB4004002	1/2" x 1/4" Galv. Hex Bushing	2

### **About ASC Engineered Solutions**

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruklok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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