

# SHOTGUN VALVE (RISER CHECK VALVE)

## GENERAL DESCRIPTION

The GLOBAL SAFETY PRODUCTS Model RCV Grooved End Shotgun Valve is compact and rugged swing-type units that allow water flow in one direction and prevent flow in the opposite direction.

The Model RCV Check Valves is designed to minimize water hammer caused by flow reversal.

The Model RCV Grooved End Swing Check Valve is furnished with grooved ends and can be installed using Grooved Couplings or Flange Adapters.

This valve can be installed horizontally or vertically with the flow in the upward direction as well.

## TECHNICAL DATA

Model	Approvals				Working Pressure (psi / bar)	Body	Seat Ring	Clapper	Rubber Ring	Spring / Hinge Pin	Supervisory Switch	Size				
	UL	ULC	FM	CE								2"	2-1/2"	3"	4"	6"
RCV	○	○	○	○	300 / 20.7	Ductile Iron ASTM 536 (PA11 Coated)	Brass ASTM C37700	Stainless Steel ASTM A-240-304	EPDM	Stainless Steel ASTM A-240-304	Outdoor	○	○	○	○	○

## NOTICE!

The GLOBAL SAFETY PRODUCTS Model RCV Grooved End Shotgun Valve described herein must be installed and maintained in compliance with the manual, as well as with the applicable standards of the National Fire Protection Association(NFPA), in addition to the standards of any other authorities having jurisdiction.

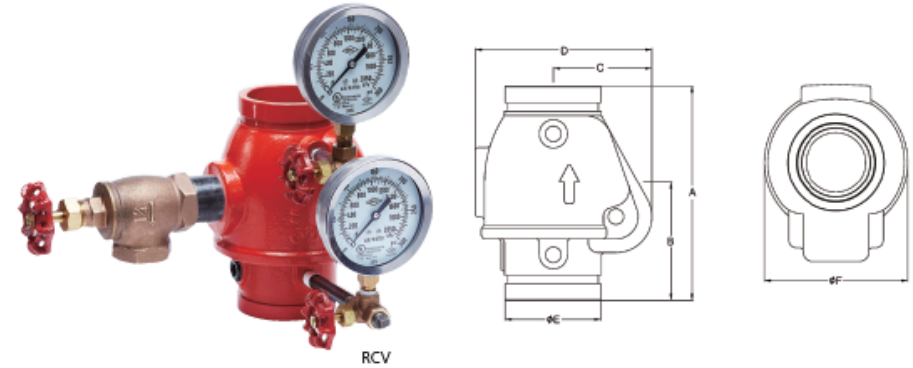
Failure to do so may impair the performance of these devices. Never remove any piping component nor correct or modify any piping deficiencies without first de-pressurizing and draining the system.

Failure to do so may result in serious personal injury, property damage, and/or impaired device performance.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition.

Contact the installing contractor or product manufacturer with any questions.

## Grooved End Shotgun Valve RCV



RCV

- The above image is of the complete trim kit, this product only for the Shotgun Valve
- You must Purchase the Shotgun Valve Trim Kit separately

## SPECIFICATIONS

- WORKING PRESSURE 300 psi (21 bar)
  - MAX. TEST PRESSURE 600 psi (42 bar)
  - TEMPERATURE RANGE -250°F (-120°C)
- Install in Both Horizontal or Vertical Position

- \* Tapping bolted Possible NPT/PT

## MATERIAL SPECIFICATIONS

Component	Material
Body	ASTM A536
Seat Ring	Brass(ASTM C37700)
Clapper	ASTM A240
Rubber Ring	EPDM
Spring	ASTM A240
Hinge Pin	ASTM A240

## DIMENSIONS

Nominal Valve Size Inches (DN)	Pipe OD Inches	Nominal Dimensions Inches (mm)						Piping Connection			Weight Lbs. (kg)
		A	B	C	D	E	F	Pressure Gauge		Drain	
								Inlet	Outlet		
2 (DN50)	2.37 (60.3)	6.34 (161.0)	3.54 (90.0)	2.80 (71.0)	5.02 (127.5)	2.37 (60.3)	4.21 (107.0)	1/4"	1/4"	1"	4.92 (2.23)
2-1/2 (DN65)	2.88 (73.0)	7.06 (179.4)	3.91 (99.4)	3.19 (81.0)	5.71 (145.1)	2.87 (73.0)	4.74 (120.3)	1/4"	1/4"	1-1/4"	7.50 (3.40)
76.1 (DN65)	3 (76.1)	7.06 (179.4)	3.91 (99.4)	3.19 (81.0)	5.71 (145.1)	2.87 (73.0)	4.74 (120.3)	1/4"	1/4"	1-1/4"	7.50 (3.40)
3 (DN80)	3.5 (88.9)	7.80 (198.0)	4.29 (109.0)	3.61 (91.6)	6.44 (163.6)	3.5 (88.9)	5.24 (133.0)	1/4"	1/4"	1-1/4"	11.90 (5.40)
4 (DN100)	4.5 (114.3)	8.62 (218.9)	4.06 (103.1)	4.25 (108.0)	7.71 (195.9)	4.50 (114.3)	6.49 (164.8)	1/4"	1/4"	2"	18.52 (8.40)
DN150	6.5 (165.1)	10.38 (263.6)	5.12 (130.0)	5.43 (137.9)	9.56 (242.9)	6.63 (168.3)	8.00 (203.2)	1/4"	1/4"	2"	36.16 (16.40)
6 (DN150)	6.63 (168.3)	10.38 (263.6)	5.12 (130.0)	5.43 (137.9)	9.56 (242.9)	6.63 (168.3)	8.00 (203.2)	1/4"	1/4"	2"	36.16 (16.40)