

## FireLock® Check Valves

### SERIES 717R



SEE VICTAULIC PUBLICATION 10.01 FOR DETAILS



Series 717R FireLock check valve incorporates a CAD-developed design that is hydrodynamically efficient and available in 4 – 8" / 100 – 200mm sizes. The Series 717R utilizes a totally rubber encapsulated disc to provide superior corrosion resistance. This single disc design incorporates a spring assisted feature for non-slamming operation. Approved for vertical or horizontal installations, the Series 717R is designed to accept a riser check kit. The kit consists of a 2" / 50mm drain valve, 0 – 300 psi / 0 – 2065 kPa gauges (2), gauge isolation valves (2), pipe nipples and pipe plugs. **The Series 717R does not include the riser check kit unless specified and ordered.**

A welded-in nickel seat provides extra corrosion protection and leak-free sealing under as low as five (5) feet of head. The basic valve is factory tested and is UL/ULC Listed and FM Approved. The 2" / 50mm drain valve is UL/ULC Listed and FM Approved for services up to 200 psi / 1370 kPa. Grooved ends allow fast, easy installation with just two Victaulic couplings or the valve may be mounted to flanged (ANSI CL.150) equipment using Victaulic Style 741 Vic-Flange® or Style 744 FireLock flange adapters on either end.

#### MATERIAL SPECIFICATIONS

**Body:** Ductile iron conforming to ASTM A-536, grade 65-45-12. Ductile iron conforming to ASTM A-395, grade 65-45-15, is available upon special request.

**Body Seat:** Integrally welded on nickel alloy.

**Disc Coating:**

**Grade "E" EPDM**

- EPDM (Green color code). Temperature range –30°F to +230°F / –34°C to +110°C. Recommended for cold and hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold +86°F / +30°C and hot +180°F / +82°C potable water service. **NOT RECOMMENDED FOR PETROLEUM SERVICES.**

\* Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

**Discs:** Ductile iron conforming to ASTM A-536, grade 65-45-12, fully encapsulated in Grade "E" elastomer. Ductile iron conforming to ASTM A-395, grade 65-45-15, is available upon special request.

**Shaft:** Type 316 stainless steel.

**Spring:** All sizes Type 302/304 stainless steel.

**Shaft Plug:** Carbon steel zinc plated to ASTM B-633.

**Pipe Plug:** Carbon steel zinc plated to ASTM B-633.

#### JOB OWNER

System No. \_\_\_\_\_

Location \_\_\_\_\_

#### CONTRACTOR

Submitted By \_\_\_\_\_

Date \_\_\_\_\_

#### ENGINEER

Spec Sect \_\_\_\_\_ Para \_\_\_\_\_

Approved \_\_\_\_\_

Date \_\_\_\_\_

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UL

FM

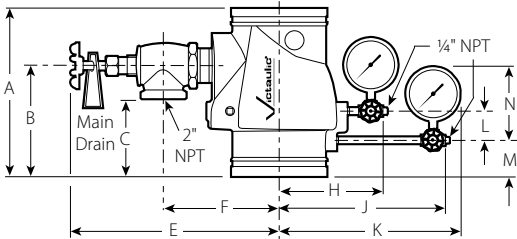
ULC

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DIMENSIONS

Size		Dimensions – Inches/mm													Approx. Wgt. Each
Nominal Size Inches/mm	Actual Outside Diameter Inches/mm	E-E A	B	C	D	E	F	H	J	K	L	M	N	Lbs. kg	
4 100	4.500 114.3	9.63 245	6.25 159	4.00 102	3.75 95	14.25 362	6.88 175	6.70 170	10.45 265	11.25 286	2.00 51	2.00 51	5.25 133	28.0 12.7	
5 125	5.563 141.3	10.50 267	6.50 165	4.25 108	3.75 95	14.75 375	7.38 188	7.37 187	11.87 302	12.75 324	2.15 55	1.88 48	5.25 133	35.0 15.9	
139.7mm	5.500 139.7	10.50 267	6.50 165	4.25 108	3.75 95	14.75 375	7.38 188	7.37 187	11.87 302	12.75 324	2.15 55	1.88 48	5.25 133	35.0 15.9	
6 150	6.625 168.3	11.50 292	7.63 194	5.38 137	3.75 95	15.50 394	8.03 204	7.70 196	12.20 310	13.00 330	2.38 61	2.13 54	5.25 133	46.0 20.9	
165.1mm	6.500 165.1	11.50 292	7.63 194	5.38 137	3.75 95	15.50 394	8.03 204	7.70 196	12.20 310	13.00 330	2.38 61	2.13 54	5.25 133	46.0 20.9	
8 200	8.625 219.1	14.00 356	8.25 210	6.00 152	3.75 95	16.38 416	9.00 229	8.85 225	12.75 324	13.50 343	2.15 55	2.88 73	5.25 133	72.0 32.7	



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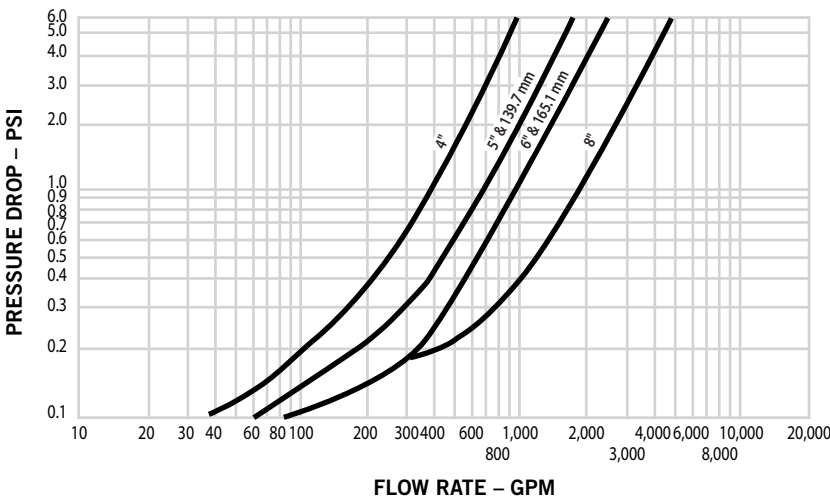


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## FLOW CHARACTERISTICS

The chart below expresses the flow of water at 60°F/16°C through valve.



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**WARRANTY**

Refer to the Warranty section of the current Price List or contact Victaulic for details.

**NOTE**

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

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