

For Fire Protection Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series SS07F

Stainless Steel Single Detector Check Valves

Sizes: 4" – 10"

Series SS07F Stainless Steel Single Detector Check Valves are designed to detect any leakage or unauthorized use of water from fire sprinkler systems. During times of minimal water flow, the valve clapper remains closed so that the water flows through a bypass meter (optional). When fire flow is required, the increased demand will open the clapper to allow full flow.

Features

- Lightest weight in the industry – reduces shipping and handling costs
- Non-corrosive stainless steel construction – eliminates pin holes and voids associated with epoxy coated valves
- Can be installed in horizontal/vertical positions
- Optional meter bypass assembly (specify GPM or CFM). Required to detect leakage or theft of water
- Optional sized bypass tapings available

Specifications

The valve body shall be formed, welded units, in 300 series stainless steel. The valve shall be hydrostatically tested in excess of 700psi. Valve construction shall eliminate any possibility of defects such as sand pits and blow holes which may occur in casting. All linkage parts shall be stainless steel. Each valve shall be individually tested before shipping. All 8" and 10" valve sizes shall be equipped with lifting lugs. Valve shall be Watts Series SS07F.

Materials

Body: 300 Series stainless steel

Linkage Parts: stainless steel

Pressure – Temperature

Maximum Working Pressure: 175psi (12.06 bar)

Temperature Range: 33°F-110°F (5°C-43°C)



SS07F 4", 6"



SS07F 8", 10"

Standards

Flange bolt pattern and hole diameter in accordance with ANSI B16.5 Class 125/AWWA C207 Class D.

Body nameplate provides nominal size, direction of flow, psi rating, year of manufacture and approval marks.

Approvals



(8" & 10" sizes only)

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

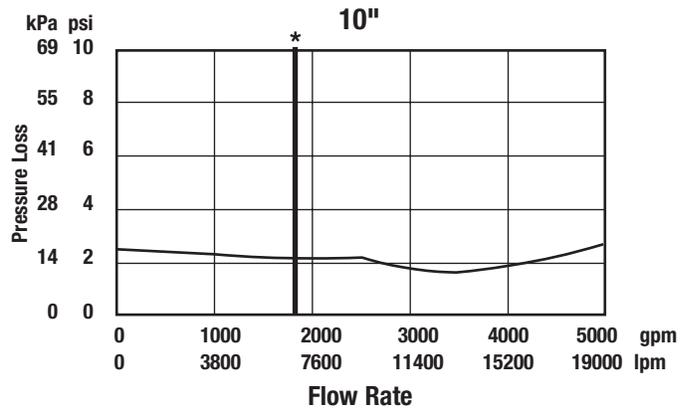
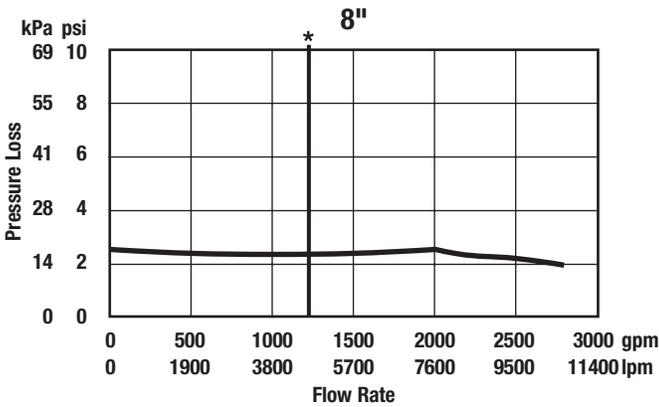
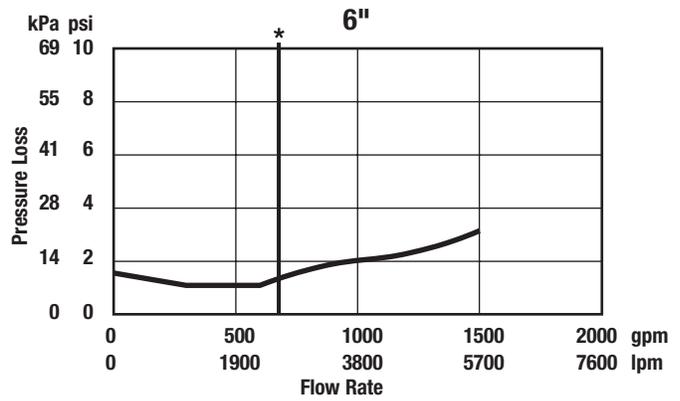
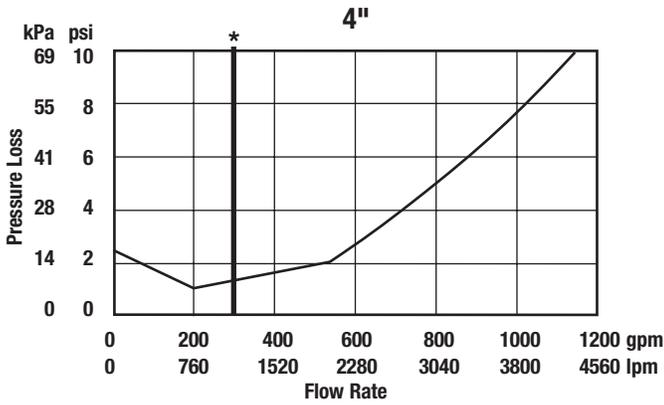
Inquire with governing authorities for local installation requirements

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

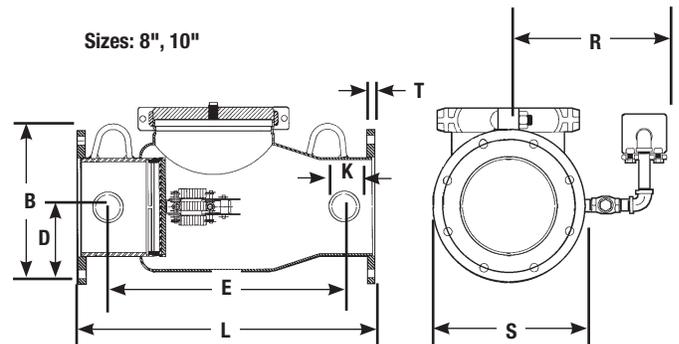
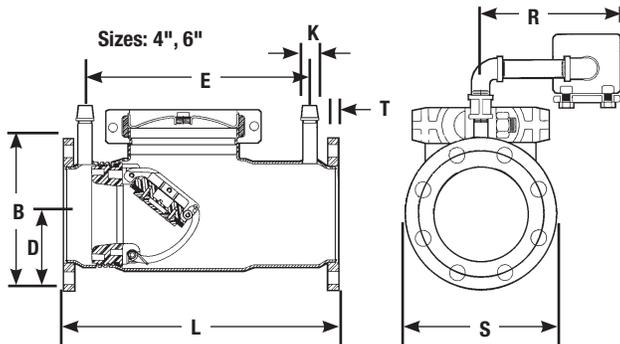
WATTS[®]

Capacities

*Head loss at the UL rated flow



Dimensions — Weights



SIZE	DIMENSIONS										WEIGHTS									
	B		D		E		K (NPT)		L		R		S		less Bypass		with Bypass			
in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
4"	11½	292	4½	114	12⅞	327	½	13	16½	419	8	203	9	229	5/8	16	30	13.6	35	15.9
6"	13½	343	5½	140	17	432	¾	19	22½	572	10½	267	11	279	1⅛	17	65	29.5	70	31.8
8"	15½	394	6¾	171	21¼	540	2	51	26½	673	12¼	311	13½	343	1⅛	17	143	64.9	153	69.3
10"	17½	445	8	203	28¼	718	2	51	36	914	14½	368	16	406	1⅛	17	163	73.9	173	78.5



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