

For Residential, Commercial, Industrial and Solar Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 600

Bronze Silent Check Valves

Sizes: 1/4" – 2" (8-50mm)

Series 600 Bronze Silent Check Valves efficiently perform all of the functions of a swing check or vertical lift check valve and at the same time operate silently to prevent the effects of water hammer.

Features:

- Conical brass disc for full fluid flow
- PTFE seat
- Install in horizontal or vertical position
(consult factory for proper use in vertical installations)
- Low pressure drop equivalent to a swing check
- Stainless steel guide rod and spring (1 1/4" to 2")
- Silent operation
- Threaded ends

Specifications

A bronze silent check valve shall be installed as indicated on the plans. The valve shall have a conical brass disc, PTFE seat and silent operation. Pressure rating no less than 400psi (27.6 bars) WOG non-shock and 15psi (1 bar) WSP. Valve shall be a Watts Regulator Company Series 600.

Application Notes

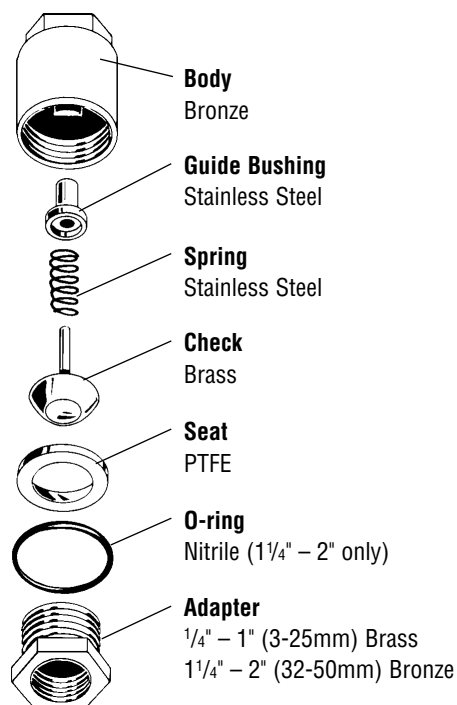
These valves are not suggested for installation in sewage ejector piping.

WARNING: Do not use for reciprocating air compressor service.



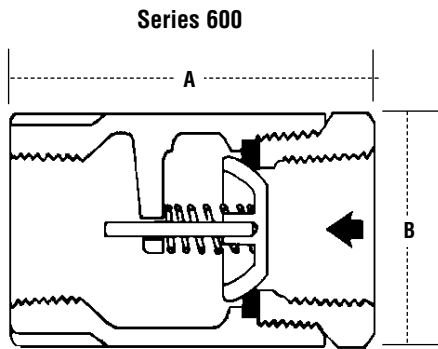
600

Materials



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.

Dimensions - Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kg.</i>
¼	8	2½	54	1¼	32	.22	.1
⅜	10	2½	54	1¼	32	.5	.2
½	15	2½	54	1¼	32	.5	.2
¾	20	2½	64	1½	38	.75	.3
1	25	3½	79	2	50	1.38	.6
1¼	32	3¾	95	2½	64	2.13	1.0
1½	40	4	102	2¾	70	3.0	1.4
2	50	4½	114	3½	89	4.38	2.0

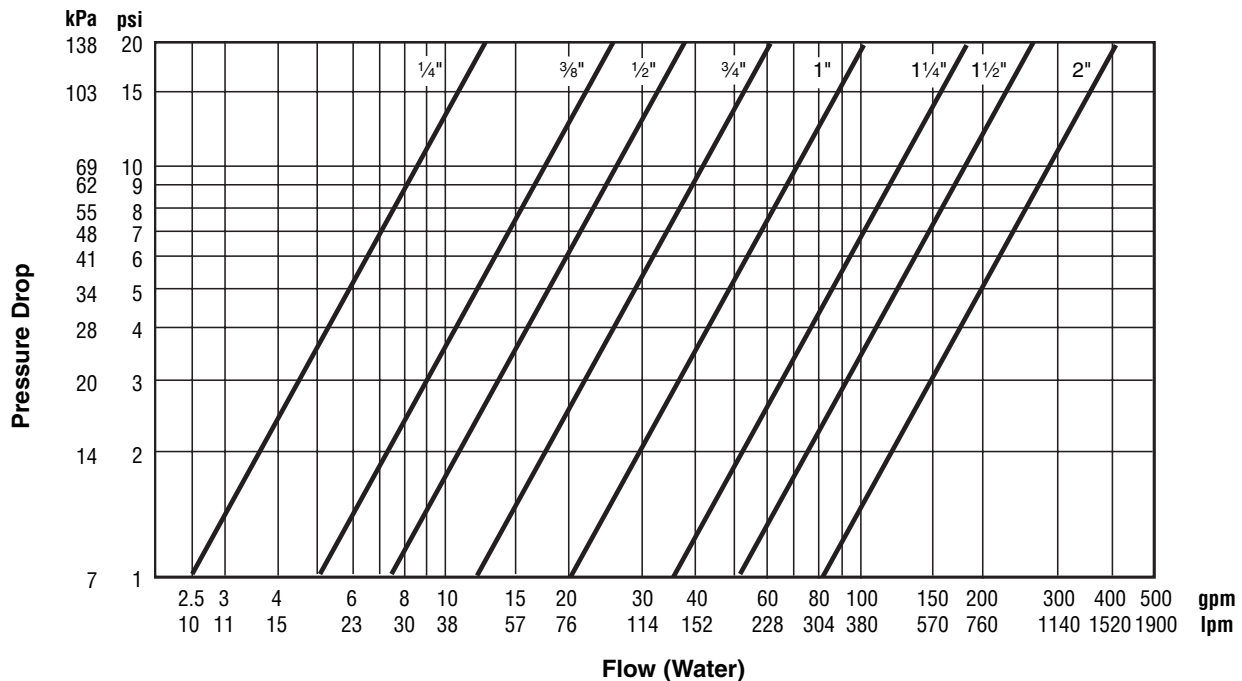
Pressure – Temperature

Maximum Working Pressure:

400psi (27.6 bars) WOG non-shock @ -20°F to 100°F
(-29°C to 38°C); 15psi (1 bar) WSP @ 250°F (121°C)

TEMPERATURE		PRESSURE	
<i>Fahrenheit</i>	<i>Celsius</i>	<i>psi</i>	<i>bars</i>
-20° to 100°	-29° to 38°	400	27.6
200°	93°	200	13.8
250°	121°	160	11.0

Pressure Drop vs. Flow



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Canada: 5435 North Service Rd., Burlington, ONT L7L 5H7; www.wattscanada.ca