

For Residential, Commercial, Industrial and Solar Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF600

Lead Free* Silent Check Valves

Sizes: 1/4" – 2" (8-50mm)

Series LF600 Lead Free* silent check valves efficiently perform all of the functions of a swing check or vertical lift check valves and at the same time operate silently to prevent the effects of water hammer. The Series LF600 check valves feature Lead Free* construction to comply with Lead Free* installation requirements.

Features:

- Conical Lead Free* check for full fluid flow
- PTFE seat
- Install in horizontal or vertical position with upward flow (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 Lead Free* silent check valve shall be installed as indicated on the plans. The valve shall have a conical Lead Free* check, PTFE seat and silent operation. Pressure rating no less than 400psi (27.6 bar) WOG non-shock and 15psi (1 bar) WSP. The silent check valve shall be constructed using Lead Free* copper silicon alloy. Lead Free* silent check valves shall comply with state codes and standards, where applicable, requiring reduced lead content. Valve shall be a Watts Series LF600.

NOTICE

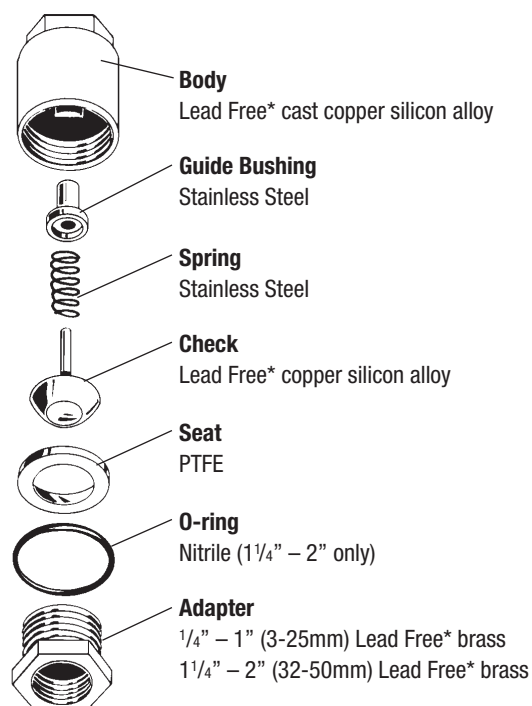
- These valves are not suggested for installation in sewage ejector piping.
- **Do not use for reciprocating air compressor service.**

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

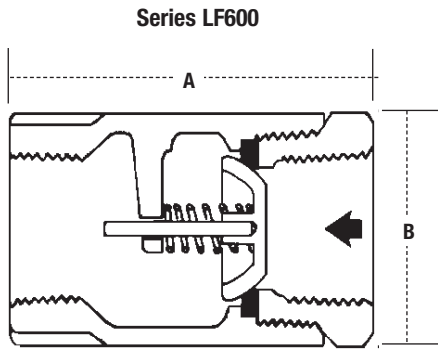


LF600

Materials



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	3⅝	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

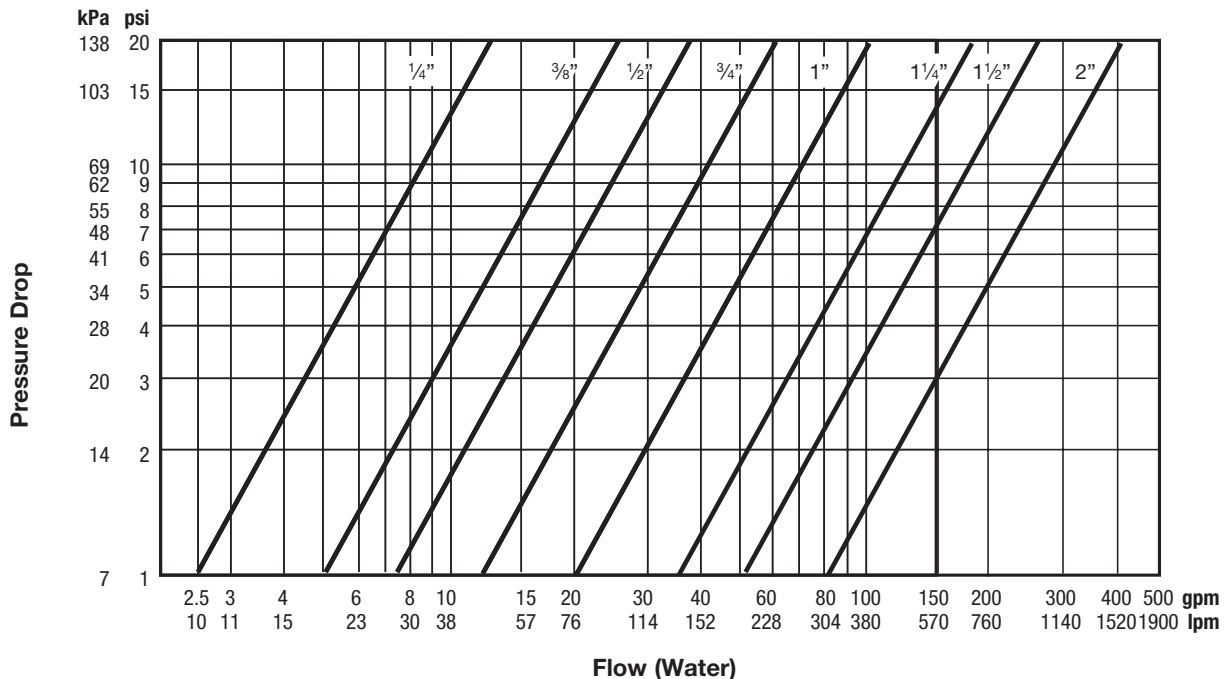
Pressure – Temperature

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>bar</i>
-20° to 100°	-29° to 38°	400	27.6
200°	93°	200	13.8
250°	121°	160	11.0

Pressure Drop vs. Flow



A Watts Water Technologies Company



ISO 9001-2008
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