

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"

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.

NOTICE

Do not use for reciprocating air compressor service.

NOTICE

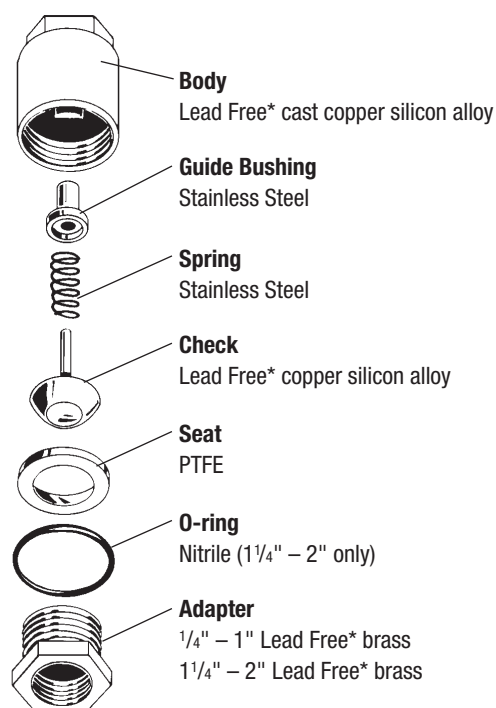
Inquire with governing authorities for local installation requirements

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



LF600

Materials



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.

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.

Pressure – Temperature

Maximum Working Pressure:

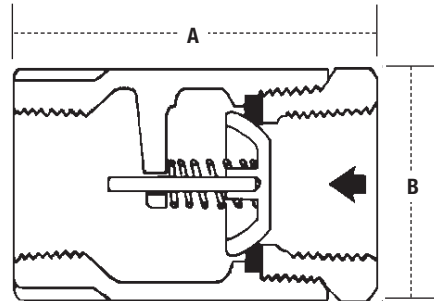
400psi (27.6 bar) WOG non-shock @ -20°F to 100°F
 (-29°C to 38°C); 15psi (1 bar) WSP @ 250°F (121°C)

TEMPERATURE		PRESSURE	
Fahrenheit	Celsius	psi	bar
-20° to 100°	-29° to 38°	400	27.6
200°	93°	200	13.8
250°	121°	160	11.0

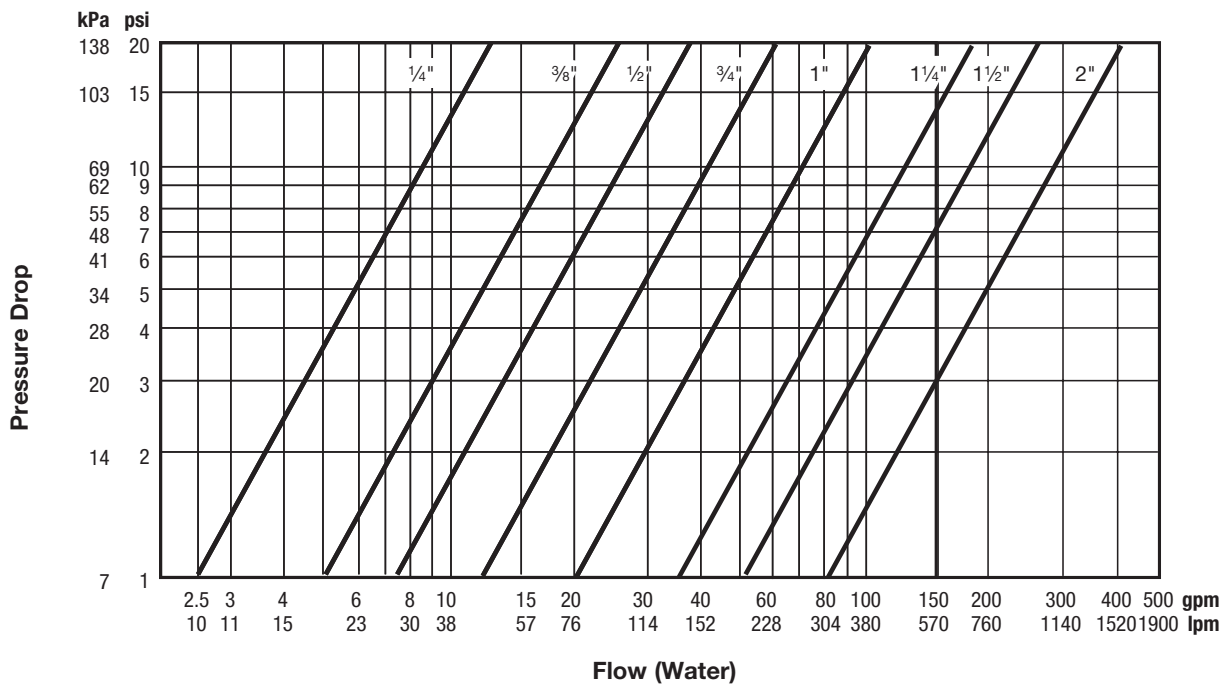
Dimensions – Weights

SIZE	DIMENSIONS				WEIGHT	
	A		B		lbs.	kg
in.	in.	mm	in.	mm		
1/4	2 1/8	54	1 1/4	32	.22	.1
3/8	2 1/8	54	1 1/4	32	.5	.2
1/2	2 1/8	54	1 1/4	32	.5	.2
3/4	2 1/2	64	1 1/2	38	.75	.3
1	3 1/8	79	2	50	1.38	.6
1 1/4	3 3/4	95	2 1/2	64	2.13	1.0
1 1/2	4	102	2 3/4	70	3.0	1.4
2	4 1/2	114	3 1/2	89	4.38	2.0

Series LF600



Pressure Drop vs. Flow



USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
 Canada: T: (905) 332-4090 • F: (905) 332-7068 • Watts.ca
 Latin America: T: (52) 81-1001-8600 • Watts.com