

Engineering Specification

Job Name _____

Job Location _____

Engineer _____

Approval _____

Contractor _____

Approval _____

Contractor's P.O. No. _____

Representative _____

LEAD FREE*

Series LF05 Mini Water Hammer Arrestors

Sizes: 3/8" – 3/4"

The LF05 Water Hammer Arrestors are designed to eliminate water hammer. The LF05 features Lead Free* construction to comply with Lead Free* requirements.

Dishwashers, clothes washers, fast closing positive shutoff valves incorporated in the plumbing system all contribute to creating water hammer which is not only annoying but damaging to pipes and appliances. Series LF05 water hammer arrestors provide economical and effective single fixture protection from the destructive and annoying problem of water pressure shock. Utilizing piston style construction, factory charged and sealed, the Series LF05 provides automatic, repetitive control of water hammer when properly installed.

Features

- May be installed in concealed locations without access panels. They are factory air charged and are not rechargeable
- May be installed in new or existing plumbing systems vertically, horizontally or at any angle

Pressure – Temperature

Operating Pressure

Designed especially for use in light commercial or residential applications on lines up to 150psi (10.3 bar) working pressure.

Temperature Range: 33°F to 180°F (0.6°C - 82°C)

Air Preload: 60psi (4.1 bar)

Models

- LF05** For NPT threaded applications.
- LF05-C** For installations on 1/2" CTS for new or retrofit applications.
- LF05H** For in-line use with washing machines, tee.
- LF05H-M1** For in-line use with washing machines, branch tee.
- LF05-S** For copper sweat applications.
- LF05A-CH** For NPT threaded applications.
- LF05-PEX-T** For either 3/8" or 1/2" in-line PEX installation.

See reverse side for complete list of models.



Model LF05



Model LF05-S



Model LF05H-M1



Model LF05-PEX-T

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

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

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.



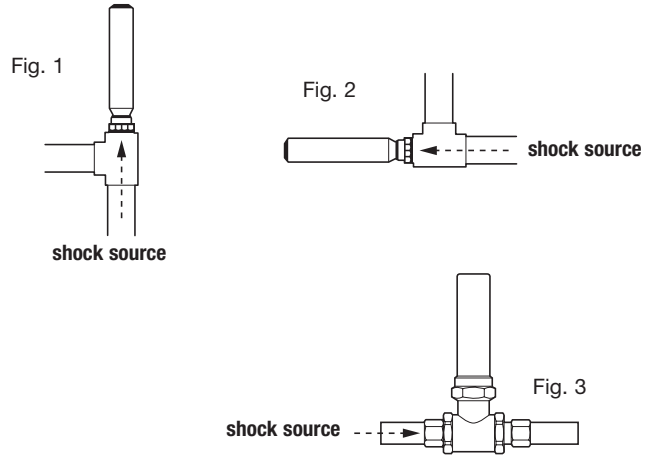


Meets requirements of ASSE Standard 1010 and listed by IAPMO.

Installations

Watts Series LF05 water hammer arrestors should always be installed as close to the source of shock as possible - one unit on each hot and cold water line.

Although they function in any orientation, Figure 1, 2 and 3 show the proper installation where the shock would be absorbed most effectively.



Dimensions – Weight

Straight Models

MODEL	SIZE	CONNECTION TYPE	DIMENSIONS				WEIGHT	
			A		B		lbs.	kgs
	in.		in.	mm	in.	mm		
LF05	3/8	NPT	5 5/16	136	1 1/8	29	0.34	0.15
LF05	1/2	NPT	5 5/16	134	1 1/8	28	0.38	0.17
LF05A-CH	3/4	NPT	5 5/8	137	1 1/8	29	0.43	0.20
LF05-C	5/8	OD Comp.	4 1/4	107	1 1/8	29	0.33	0.15
LF05-S	1/2	Sweat	5 3/4	146	7/8	23	0.32	0.15
LF05-S	3/4	Sweat	4 7/8	124	1	25	0.33	0.15

Tee Models

MODEL	SIZE	CONNECTION TYPE	DIMENSIONS				WEIGHT	
			A		B		lbs.	kgs
	in.		in.	mm	in.	mm		
LF05-PEX-T	1/2	PEX	4 7/16	112	2 1/4	57	0.42	0.19
LF05H	3/4	Garden Hose Thread	6 7/16	163	1 15/16	49	0.47	0.21
LF05H-M1	3/4	Garden Hose Thread	6 9/16	166	2 13/16	71	0.66	0.30

