

Engineering Specification

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series LFTP300 Trap Primer

Size: 1/2"

The Series LFTP300 is an automatic pressure drop activated trap primer valve will prime up to 2 floor drains with our TP300-DU distribution unit. System operating range is 20 psi minimum to 80 psi (1.38 to 5.50 bar) maximum. The valve requires a 10 psi (0.69 bar) pressure drop across the valve to activate and will deliver a metered amount of water to the floor drain. The Watts Trap primer is designed to be installed on 1/2" to 1 1/2" cold water supply line, feeding a flush valve or other open and closing valve supply line that is frequently used.

This Engineering Sheet is not intended to replace the product installation and safety information available or the experience of a trained product installer. Please refer to the product installation instructions for further information.

Models

- LFTP300T** Threaded Inlet and Outlet Connect
- LFTP300S** Solder Inlet and Threaded Outlet Connect
- TP300-DU** Distribution Unit

Features

- Built in Vacuum Breaker Ports (6)

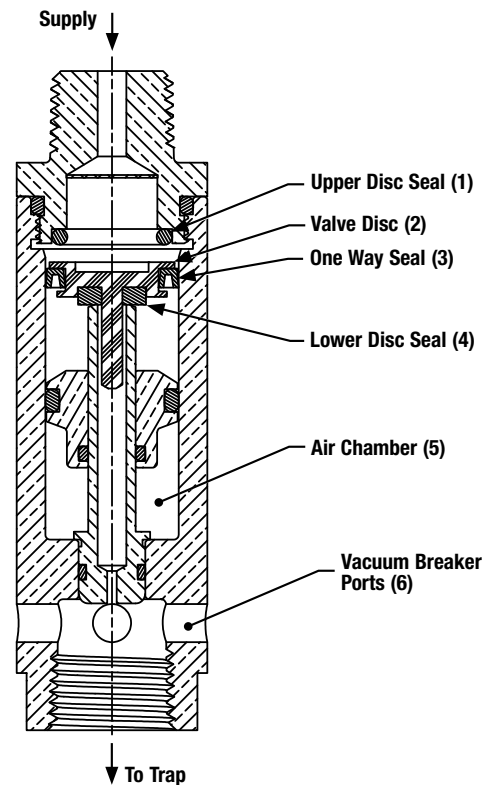
Specifications

A trap primer shall be installed in plumbing systems to prevent floor drain traps from losing their water seal by evaporation. Maintaining the water seal will prevent the backflow of sewer gas into the buildings or rooms where the traps are installed. Trap primers are specified in various plumbing codes such as IAPMO, Southern Standard Building Code, National Standard Plumbing Code and many state and local plumbing codes in U.S.A. and Canada. The device shall meet the requirements of ASSE Standard 1018. Lead Free* Trap Primer Series LFTP300 shall be constructed using Lead Free* materials. Lead Free Trap Primers shall comply with state codes and standards, where applicable, requiring reduced lead content. Watts Series LFTP300T (threaded), or LFTP300S (solder).



Model LFTP300T

Model DU-TP300
Sold separately



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.



Materials

Lead Free Adapter
 Brass Body (Lead)
 EPDM Seals

Standards



Tested and approved in conformance with Standard 1018 of the American Society of Sanitary Engineers. Listed by IAPMO and CSA.

Pressure

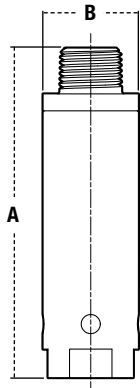
Maximum supply pressure: 80 psi (5.50 bar).
 Minimum supply pressure must exceed 20 psi (1.38 bar).

Operating Requirements

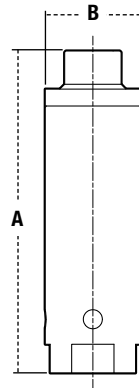
Activates with a 10psig pressure drop between 20-80 psi.
 Must be installed on a cold water line serving a frequently used fixture. For proper trap priming, minimum flows must exceed those stated in the flow chart.

Dimensions – Weights

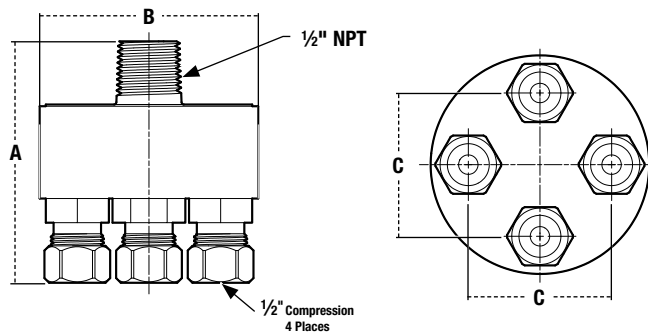
Model LFTP300T



Model LFTP300S

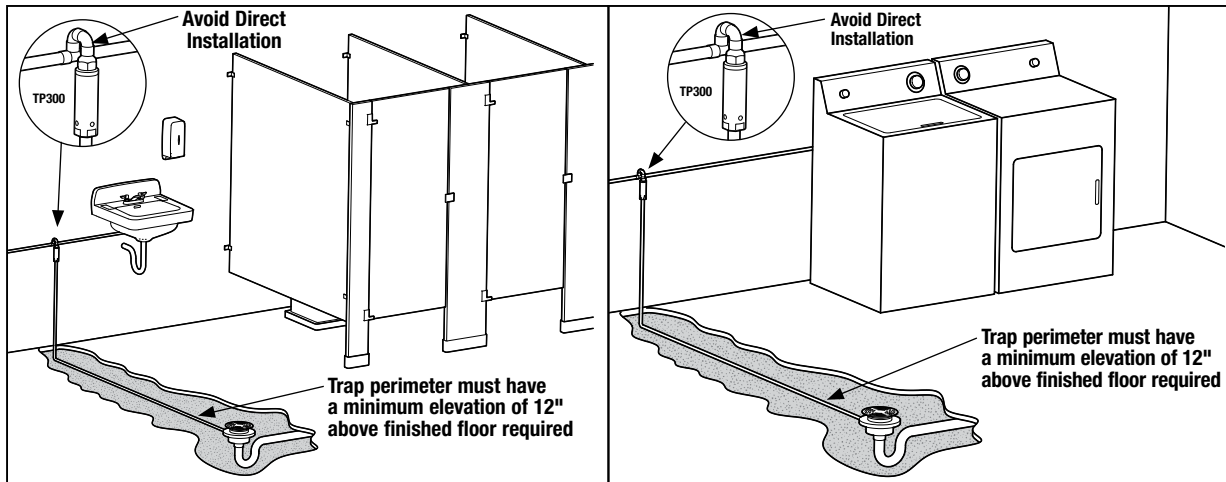


Model TP300-DU



MODEL	SIZE		DIMENSIONS				WEIGHT		
	in.	in.	mm	in.	mm	in.	mm	lbs.	kgs.
LFTP300T	1/2	4 5/16	110	1 1/4	32	—	—	1.0	.45
LFTP300S	1/2	4 1/4	107	1 1/4	32	—	—	.92	.42
TP300-DU	1/2	3 1/8	79	2 13/16	71	1 1/8	47	.74	.34

Typical Installation



USA: T: (978) 689-6066 • Watts.com
 Canada: T: (888) 208-8927 • Watts.ca
 Latin America: T: (52) 55-4122-0138 • Watts.com