For Commercial and Industrial Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

LEAD FREE*

Series 1070 and P1070

LavSafe™ Thermostatic Faucets

Sizes: ⅜" (10mm) inlet

Series 1070 and P1070 thermostatic faucets feature an advanced thermal actuator to provide the latest in thermal protection. The single-lever cartridge, with integral ceramic discs, provides both temperature and volume control. LavSafe automatically mixes hot and cold water to deliver pre-set water within a specific range. In the event of cold water failure, the thermal actuator virtually shuts off the flow of hot water. LavSafe is listed to ASSE 1070, IAPMO cUPC, and NSF 61 Section 9 Annex G.

Features

- Eliminates installation of under-the-counter thermostatic valve
- Watts' Advance Thermal Actuator quickly compensates for pressure and temperature fluctuations
- Mixes hot and cold water to deliver tempered water within specified range
- Heavy duty Lead Free* brass body for durability and to comply with Lead Free* installation requirements
- Copper supplies feature integrated check valves
- Self-contained cartridge installs in a minute to simplify repairs.
- Virtually shuts off hot water flow in the event of cold water failure
- ADA Compliant
- ASSE 1070, IAPMO cUPC listed, NSF 61

Models

1070	⅜" (10mm) compression inlets with checks
P1070	⅜" (10mm) compression inlets with checks and base plate

***The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.**



Pressure – Temperature

Maximum Operating Pressure: 125psi (861 kpa)

Maximum Hot Water Temperature: 194°F (90°C)

Minimum Hot Water Supply Temperature: 5°F (3°C) Above Set Point

Temperature Adjustment Range: 60 -120°F (15 - 49°C)

Minimum Flow to ASSE 1070: 0.5 gpm (2.2 lpm)

Cold Water Inlet Temperature Range: 39 - 80°F (4 - 27°C)

Hot Water Inlet Temperature Range: 120 - 180°F (49 - 82°C)

Factory Set Temperature: 105°F (41°C)

Listing

ASSE 1070, IAPMO cUPC

Approval Standards

ASSE 1070, CSA B125.3, NSF 61 Section 9 Annex G

Specifications

Faucet shall feature solid Lead Free* brass cast housing and brass limit stop to prevent over adjustment of handle. Faucet shall be listed to ASSE 1070 and cUPC for temperature and pressure protection with a minimum control flow of 0.5 gpm (2.2 lpm). Faucet shall feature a single cartridge design for ease of repair and maintenance and shall provide an approach temperature of no greater than 5ºF (3°C). Faucet shall include integral check valves to prevent cross flow and have a metal lever handle in compliance with the American with Disabilities Act (ADA). Faucet shall feature ceramic disc mixing and shall be constructed using Lead Free* material which shall comply with state codes & standards where applicable requiring reduced lead content.

Faucet shall be Watts model _____.

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.

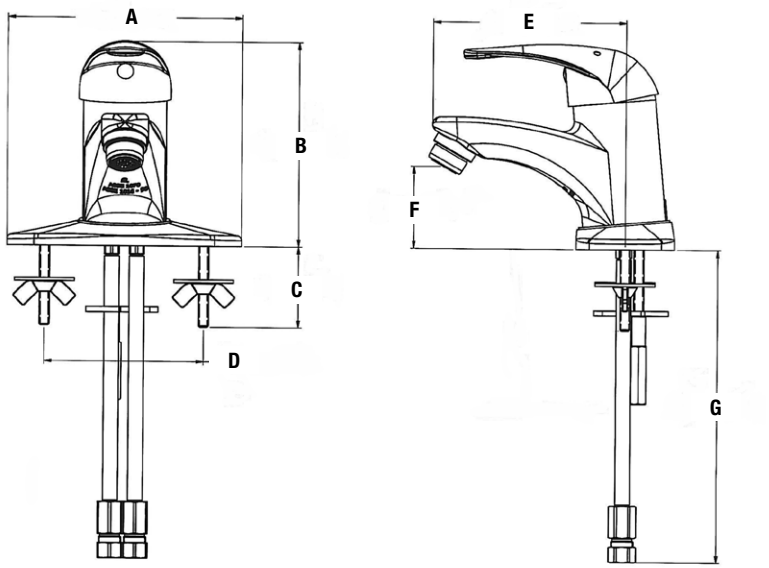
WATTS®

Capacity Table**

Min. Flow to ASSE 1070	C_v	10psi (69 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
0.50 gpm 1.89 lpm	0.316	1.00 gpm 3.78 lpm	1.41 gpm 5.34 lpm	1.73 gpm 6.55 lpm	2.12 gpm 8.03 lpm	2.45 gpm 9.27 lpm

**Less aerator & outlet temperature 105°F (41°C)

Dimensions



MODEL	DESCRIPTION	DIMENSIONS														WEIGHT	
		A		B		C		D		E		F		G			
		in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*
1070	2.0 gpm Aerator	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070VA	2.0 gpm Vandal Resistant Aerator	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070-6	2.0 gpm Aerator, 6" Lever Handle	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.7	1.7
1070A5	0.5 gpm Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070V5	0.5 gpm Vandal Resistant Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070A15	1.5 gpm Aerator+	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070L	2.0 gpm Laminar Flow Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070VL	2.0 gpm Laminar Flow Vandal Resistant Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070L5	0.5 gpm Laminar Flow Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070VL5	0.5 gpm Laminar Flow Vandal Resistant Outlet	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.5	1.6
1070PW	2.0 gpm Aerator, Pop-Up Waste	N/A	N/A	5 3/16	131	N/A	N/A	N/A	N/A	4 7/8	123	2 1/16	52	7 7/8	200	3.8	1.7
P1070	2.0 gpm Aerator, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070VA	2.0 VR Aerator, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070-6	2.0 gpm Aerator, 6" Lever Handle, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.3	2.0
P1070A5	0.5 gpm Outlet, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070V5	0.5 gpm Vandal Resistant Outlet	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070A15	1.5 gpm Aerator, Deck Plate+	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070L	2.0 gpm Laminar Flow Outlet, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070VL	2.0 gpm Laminar Flow Vandal Resistant Outlet, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070L5	0.5 gpm Laminar Flow Outlet, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070VL5	0.5 gpm Laminar Flow Vandal Resistant Outlet, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.1	1.9
P1070PW	2.0 gpm Aerator, Pop-Up Waste, Deck Plate	5 7/8	150	5 3/16	131	2 1/16	52	4	102	4 7/8	123	2 1/16	52	7 7/8	200	4.4	2.0

Add following suffix at the end of the model number for: Grid Drain* – GD, Off Set Grid Drain* – OGD

+WaterSense® applies to 1.5 gpm aerator models only.

*Not listed to cUPC

WaterSense® is a registered trademark of the EPA.

A Watts Water Technologies Company

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