

SPECIFICATIONS & INSTALLATIONS



INSTALLATION: May be installed in new or existing plumbing systems with a standard pipe tee.
MAINTENANCE: Maintenance free – the piston is the only moving part.
TEMPERATURE RANGE: -40°F to + 212°F (-4.4°C to + 100°C)
CONSTRUCTION: Barrel-fabricated of type “L” hard drawn copper.
Cap: Copper or free turning brass.
Piston: Low lead C69300 Eco brass or polycarbonate DOW calibre 2016-15 MFR.
Sweat/Kwik-Press Adapter: Copper.
Seals: “O”rings: EPDM.
Seal Lubricant: Dow-Corning Silicone Compound #111, FDA listed for use in potable water systems.
Nickel Plated: For Salt Water Application.
OPERATING PRESSURE: Designed to operate on all domestic and commercial systems. Normal operating pressure 0 to 200 P.S.I.G., Max spike Pressure 400 P.S.I.G.

SIZING INFORMATION

For equipment and fixtures not listed below, size in accordance with load values (WSFU) assigned the same. Extract from: PDI WH201-06

FIXTURE	TYPE OF SUPPLY CONTROL	WEIGHT IN FIXTURE UNITS			
		Public		Private	
		C.W.	H.W.	C.W.	H.W.
Water Closet	Flush Valve	8	-	5	-
Water Closet	Flush Tank	5	-	2.5	-
Pedestal Urinal	Flush Valve	4	-	-	-
Stall or Wall Urinal	Flush Valve	4	-	-	-
Stall or Wall Urinal	Flush Tank	2	-	-	-
Lavatory	Faucet	1 1/2	1 1/2	1	1
Bathtub	Faucet	2	3	1 1/2	1 1/2
Shower Head	Mixing Valve	2	3	1	2
Bathroom Group	Flush Valve Closet	-	-	8	3
Bathroom Group	Flush Tank Closet	-	-	6	3
Separate Shower	Mixing Valve	-	-	1	2
Service Sink	Faucet	3	3	-	-
Laundry Tubs (1-3)	Faucet	-	-	3	3
Comb. Fixture	Faucet	-	-	3	3

PDI SIZING AND SELECTION TABLE

PIPE SIZE	FIXTURE UNITS	CROSS REF. PDI
1/2"	1-11	A
3/4"	12-32	B
1"	33-60	C
1 1/4"	61-113	D
1 1/2"	114-154	E
2"	155-330	F

Extracted from: PDI WH 201-06

DIMENSIONAL AND AIR LOADING DATA

PART NUMBER	A O.A.L.	B Copper Sweat	NITROGEN PRELOAD PSI
SWA-500A	7"	1/2" copper	60
SWA-750B	9 3/8"	3/4" copper	60
SWA-1000C*	11 3/8"	1" copper	60
SWA-1250D	10 1/2"	1" copper	60
SWA-1500E	12"	1" copper	60
SWA-2000F	12 3/4"	1" copper	60

NOTE: The PPP sweat arrestor is designed for soldering applications. Solder in place using 95-5 lead-free solder.

PROJECT SUBMITTAL

Project: _____
 Contractor: _____
 Engineer: _____
 Date Submitted: _____
 Prepared By: _____

Precision Plumbing Products

Division of JL Industries, Inc.

Airport Business Center
 6807 NE 79th Court, Suite E
 Portland, Oregon 97218

T (503) 256-4010
 F (503) 253-8165

www.pppinc.net



JL Industries, Inc.



Low Lead



Complies with low lead law.



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