

## 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:** Machined of C69300 Eco low lead brass or polycarbonate DOW Calibre 2016-15MFR.  
**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

Extract from: PDI WH201

### NO ACCESS PANEL REQUIRED (CONSULT LOCAL CODES)

### DIMENSIONAL AND AIR LOADING DATA

PART NUMBER	A O.A.L.	B N.P.T.	NITROGEN PRELOAD PSI
SC-500A	6 1/4"	1/2" brass	60
SC-750B	7 1/4"	3/4" brass	60
SC-1000C	9 1/2"	1" brass	60
SC-1250D	9 1/4"	1" brass	60
SC-1500E	11"	1" brass	60
SC-2000F	12"	1" brass	60

### PROJECT SUBMITTAL

Project: \_\_\_\_\_

Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

Prepared By: \_\_\_\_\_



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Low Lead



Complies with low lead law.



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