

Standard Configuration



Typical Custom Version

PROCESS COOLING WATER STICK

Supply Side

Standard Features:

- Superior pressure regulator performance.
- No corrosion, no maintenance.
- True union connection on ball valve; threaded, socket, or custom connections on pressure regulator.
- Molded, machined and assembled in USA.
- Lower cost and smaller footprint than individually assembled sticks.
- Easily adapts to any piping configuration.
- Elimination of threaded joints results in superior mechanical strength.

Custom Sticks:

Can be designed and built to any configuration/ orientation. Valves, gauges, regulator and other components can be customized for any application.

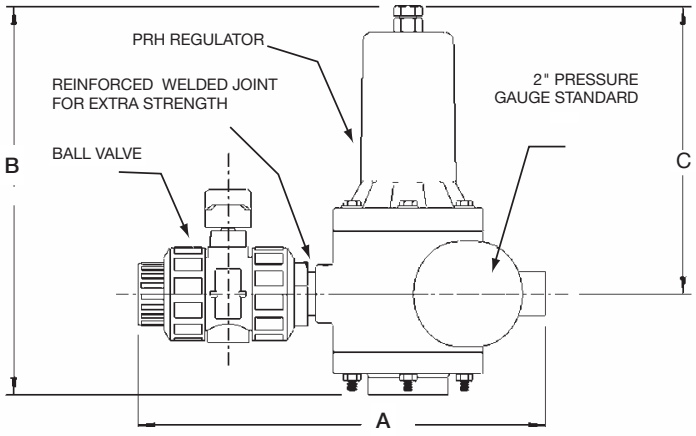
Design:

Incorporates Plast-O-Matic premium pressure regulator, pressure and temperature gauge, and quarter-turn True Blue trunnion ball valve in a compact, rugged design. Pressure regulator offers set pressure range from 5 to 125 psi. Gauge can be specified on either side of the regulator so that gauge faces “out” for easy reading. Stick is reinforced to minimize possibility of damage. A variety of end connectors and custom valve combinations can be specified. Wetted metals on gauge only. Ball valve can be actuated at any time if the need arises. All units built in USA and individually tested.

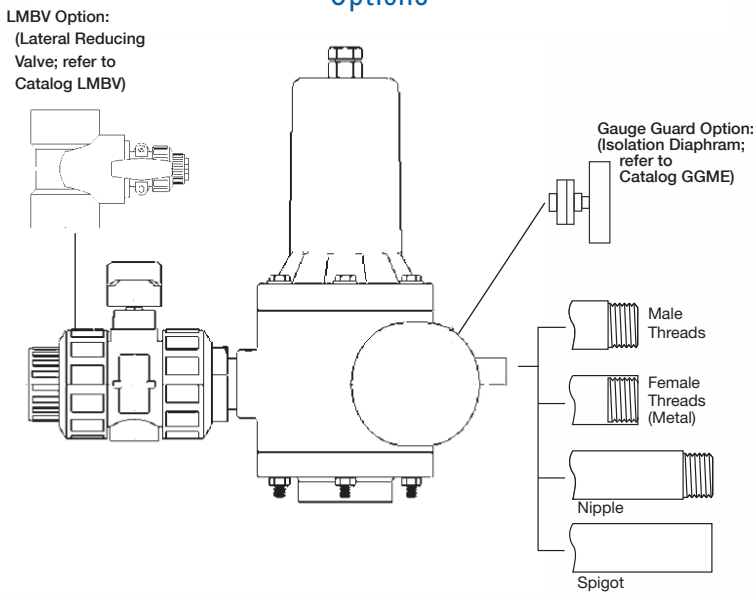
PCWS Dimensions & Model Numbers

Pipe Size	Part No. Prefix	A		B		C	
		IN.	MM	IN.	MM	IN.	MM
1/2"	PCWS050	7.3	185.6	8.6	218.9	6.5	165.0
3/4"	PCWS075	11.2	283.9	11.5	292.8	8.5	216.6

2" steel gauge is standard.
Optional 2 1/2" stainless or 3" tridicater available.



Options



FOR CUSTOM VALVE AND END CONNECTOR COMBINATIONS, CONSULT FACTORY.

Series "PCWS" Supply Side Custom Sticks



Sticks strengthen and simplify piping, reduce installation costs and minimize accident related downtime.

PCWS 050 V – S S – D S P – T160 C G – PV

Model
PCWS

Pipe Size
050 1/2"
075 3/4"
100 1"
150 1 1/2"
200 2"

Seals
V – Viton
EP – EPDM

Inlet Connector
S – Socket
T – Threaded
MT – Male Thread

Outlet Connector
S – Socket
T – Threaded
MT – Male Thread

Control Valve
D – Diaphragm
B – Ball
M – Metering Ball

Strainers
S – Strainer
O – No Strainer

Pressure Regulator
P – With Pressure Regulator
O – Without Pressure Regulator

Pressure/Temp. Gauge
P030 – 0-30 PSI Pressure Gauge
P060 – 0-60 PSI Pressure Gauge
P100 – 0-100 PSI Pressure Gauge
P200 – 0-200 PSI Pressure Gauge
T160 – 0-160 Tridicator

Gauge Mounting
C – Center Back Mounting
L – Lower Mounting

Gauge Guard
G – Gauge Guard (Teflon Diaphragm)
M – GGME Gauge Guard (Polypro Body, Viton Diaphragm Only)
O – No Gauge Guard

Material
PV – PVC
CP – CPVC

Note #1: Standard stick component brands are True Blue®: Ball Valves, Pressure Regulators, Pressure Gauges, Tridicators, Gauge Guards. Basiks®: Diaphragm Valves, GGME Mini Gauge Guards, Y-Strainers. Hedland®: Flow Meters.

Note #2: Cooling sticks are completely customizable with a variety of valves, controls, connection types, sizes, instruments, and other features as required. Consult factory for options and pricing.