

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

LFIDROSET™

Series CSD

Static Balancing Valve with Calibrated Flow Measurement

1/2" – 1"

Series LFIDROSET CSD static balancing valves with calibrated flow measurement are designed for plumbing and hot water circulation systems. With patented flow measurement technology integrated into the valve, the large easy-to-read flow gauge and hand wheel allows the continuous reading and setting of flow without tools or additional measurement equipment. The LFIDROSET CSD's ball-type design provides up to a 28:1 turn-down ratio, positive shut-off and hand wheel locking screw to secure adjustment.

The LFIDROSET CSD series is available with sweat union connections from 1/2" up to 1" with flow rate capability up to 7 GPM.

Features

- Patented integrated flow measurement technology factory calibrated to +/- 10% accuracy
- Large non-scaling flow gauge for live readings
- One handed adjustment with lockable hand wheel
- Ball valve design with positive shutoff
- Balancing turn-down ratio of up to 28:1
- Up to 7 GPM capacity
- Certified to NSF/ANSI Standard 61 - Drinking Water System Components
- Glycol capable up to 50%
- Dual GPM and LPH scale
- 1/4 inch NPT port for additional gauge or sensor



LFIDROSET CSD

Applications

- Hot water recirculation
- Plumbing
- HVAC

Certifications and Listings



NSF certified to NSF/ANSI/CAN 61 & 372

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.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Specification

A static balancing valve with calibrated flow measurement shall be installed as shown on plans. The valve shall include integral flow measuring capability factory calibrated to an accuracy standard of +/- 10%, flow indicator gauge with design flow indicator, lockable hand wheel for flow adjustment and positive shut-off capability. The valve shall be a Watts Series LFIDROSET CSD

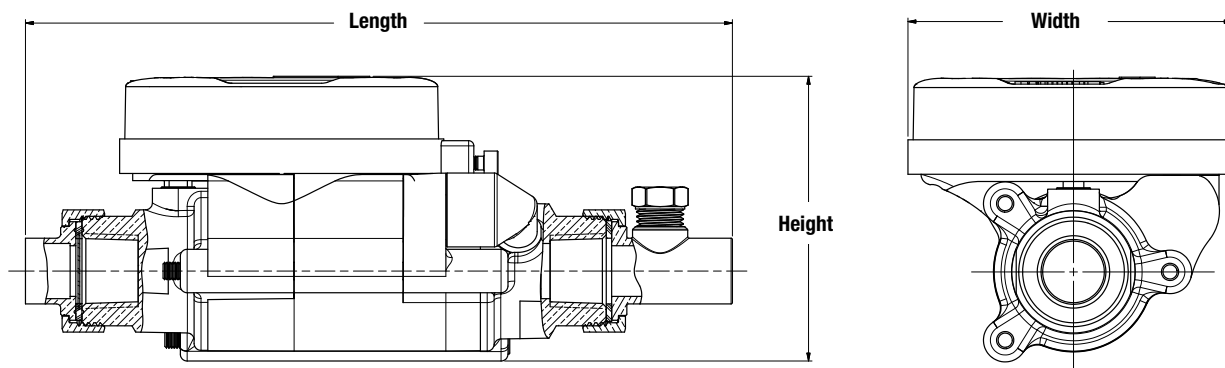
Materials

Central Body	Polyphenylene Sulfide with glass fiber
Upper and bottom cap	Brass
Hand wheel	Polyamide with glass fiber
Spring	Stainless Steel
O-Ring	EPDM 70 peroxide

Pressure – Temperature

PATTERN	SIZE	WORKING TEMPERATURE		MAX. WORKING PRESSURE	
		°F	°C	psi	bar
SWEAT / UNION	1/2" - 1"	230	110	230	16

Dimensions



Call customer service if you need assistance with technical details.

MODEL	ORDERING CODE	SIZE (SWEAT)	CV	FLOW RANGE (GPM)	DIMENSIONS			WEIGHT (LBS.)
					LENGTH	HEIGHT	WIDTH	
LFIDROSET CSD-050	0856710	1/2"	1.9	0.25 - 3.0	8.07"	3.25"	3.70"	2.4
LFIDROSET CSD-075	0856711	3/4"	1.9	0.25 - 3.0	8.57"	3.25"	3.70"	3.3
LFIDROSET CSD-100	0856712	1"	5.1	0.25 - 7.0	8.94"	3.25"	3.70"	4.0

