

Carlson Water Meters

**Cold Series with
Electrical Contacting
Heads**

***For Proportional
Feed***



Key Features

- Meets AWWA C708 Standards
- NSF/ANSI 61-G & 372 certified for lead free compliance
- Multi-Jet Design
- Plastic/Nylon (JLP)
- 304SS (SSM)
- Registers Velocity and Totalized Flow
- Includes Couplings

Application

Carlson's JLP and SSM series water meters are tested and certified to NSF/ANSI 61-G and 372 for lead free compliance. All models come complete with a dry contact pulse output for Advantage Controllers water meter pulse input.

The plastic JLP is designed for aggressive reverse osmosis and de-ionized water. The SSM models 304SS body are well suited for most industrial and commercial applications. See the back page for each series' specifications and available sizes.

These Carlson meters are designed in accordance with the AWWA C708 specifications and come with dry sealed registers and flow indicators.

Size Selection

Choose a water meter which is the correct size for your cooling tower rather than one which fits the available pipe. General guidelines below describe normal requirements.

Cooling Tower Size in tons	Condenser Water Circulation (gpm)	Make-Up Water Required (gpm)	Suggested Meter Size
100 - 400	300 - 1,200	4 - 16	½" to ¾"
400 - 800	1,500 - 2,400	20 - 32	1"
800 - 1,600	2,700 - 4,800	26 - 64	1-½"

Specifications Cold Contacting Head Meters 122°F (35°C) and 100-150 PSI Max*

Plastic/Nylon	Pipe Size	Gallons per Contact	*PSI Max	**Continuous Flow	Flow Range gpm	Weight (lbs)	Length
062JLPRS-10GPC	½"	10	100	7 GPM	0.25 – 13	1.2	6.5"
750JLPRS-10GPC	¾"	10	100	12 GPM	0.25 – 22	1.4	7.5"
1000JLPRS-10GPC	1"	10	100	25 GPM	0.75 – 50	1.8	10.75"
150JLPRS-10GPC	1½"	10	100	50 GPM	2 – 100	4	9.63"

304 Stainless	Pipe Size	Gallons per Contact	*PSI Max	**Continuous Flow	Flow Range gpm	Weight (lbs)	Length
625SSMRS-10GPC	½"	10	150	8 GPM	0.25 – 20	3.3	7.5"
750SSMRS-10GPC	¾"	10	150	15 GPM	0.5 – 30	3.4	7.5"
1000SSMRS-10GPC	1"	10	150	25 GPM	0.75 – 50	5.7	10.25"
150SSMRS-10GPC	1½"	10	150	50 GPM	2 – 100	10.6	11.88"
200SSMRS-10GPC	2"	10	150	80 GPM	2 – 160	13	11.88"

Note: **Continuous Flow: The size of meter selected should be based upon continuous flow, GPM, as opposed to pipe size. For example, if it is determined that continuous flow is 25 GPM, a ¾" x 1" meter should be selected rather than a ¾" x ¾" meter.

Water Meter Accessories

- A32RS Single reed switch for Carlon meters
- A34RS-4 Dual reed switch for Carlon meters
- AWM-SS-3A Isolated Signal Splitter, 3 outputs with plug in power supply
- AWM-SS-4A Signal Splitter, 3 isolated and 1 dry contact (N.O. and N.C.) with power supply
- AW-2-GASKET Coupling gaskets for ¾" meter
- AW-3-GASKET Coupling gaskets for 1" meter
- AW-4-GASKET Coupling gaskets for 1½" meter
- L15X1-KFCV MicroLinx 15 gpd @ 150 psi pulse input metering pump
- L30X1-KFCV MicroLinx 30 gpd @ 100 psi pulse input metering pump
- NANO-F2 Dual meter pulse timer
(1 or 2 meters; 120 volts)
- PD-1 Pulse divider
- RCT-NANO Powered remote totalizer

Get the Advantage



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