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Water Meters

Electrical Contacting Head

**For
Proportional
Feed**



Key Features

- Meets AWWA Standards
- Multi-Jet Design
- Bronze Body
- Registers Velocity
and Totalized Flow
- Low Cost
- Includes Couplings

Application

Series AW contacting head water meters provide an electrical dry contact out for proportional control when used with the appropriately optioned controller or pump based on water flow.

Constructed to meet or exceed all sections of AWWA Standard C-708 the AW series meters have bronze bodies with durable synthetic polymer measuring chambers.

The Multi-Jet chamber assures accuracy over a wide flow range with little head pressure loss. Measurement surfaces are non-wear, providing sustained accuracy despite the

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	3/4"
400 - 800	1,500 - 2,400	20 - 32	1"
800-1,600	2,700-4,800	26 - 64	1-1/2"
1,600-3,000	4,800-9,000	64-120	2"
3,000-14,000	9,000-42,000	120-560	3"
14,000-25,000	42,000-75,000	560-1,000	4"

Specifications

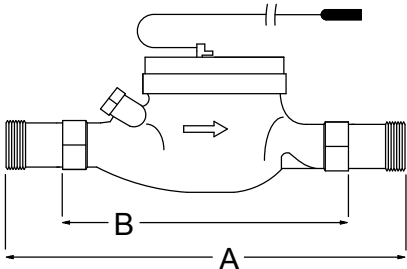
Cold Contacting Head Meters 105°F (35°C) and 150 psi Max

Model Number	Pipe Size	Gallons / Contact	Optional gpc	Flow Range gpm	Weight (lbs)	Length	
						A	B
AW-2	3/4"	10	1 or 100	0.5 - 20	6.0	12-5/8"	7-1/2"
AW-3	1"	100	1 or 10	1 - 50	8.0	15-5/8"	10-1/4"
AW-4	1-1/2"	100	10 or 1,000	1.5 -100	13.0	17-5/8"	11-3/4"
AW-5	2"	100	1000	2 - 130	16	17-5/8"	11-3/4"
AWR-3T	3"	1,000	100	2.2- 850	42.0	8-7/8"	N/A
AWR-4T	4"	1,000	100	2.6-1,100	51.0	9-7/8"	N/A

Paddle Wheel Flow Meters

Model Number	Material / Makeup	Pipe Size	Compatible Model	PSI / Temp Range
IP81P	PVC Body	n/a	n/a	75psi @ 120°F / 175psi @ 75°F
MF81T-P-075	PVC Tee	3/4"	IP81P	n/a
MF81T-P-100	PVC Tee	1"	IP81P	n/a
MF81T-P-200	PVC Tee	2"	IP81P	n/a
MF82-P-300	PVC Saddle	3"	IP81P	n/a
IP115S	316 SS Body Bronze Ball Valve	Adjustable Depth Sensor 3" to 10"		200psi @ 200°F max

- Notes:**
- To order a water meter only - add suffix A to part number to delete contacting head. Ex: AW-2A
 - AW and AW-HW models are threaded and supplied with couplings and gaskets
 - AWR models are turbine meters with flanged connections
 - Optional Gallons Per Contact are available, consult factory
 - Additional Water Meters are available, consult factory



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