

Series AWM 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 AWM 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 AWM 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 presence of small impurities in the water.

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 | ¾" |
| 400 - 800 | 1,500 - 2,400 | 20 - 32 | 1" |
| 800 - 1,600 | 2,700 - 4,800 | 26 - 64 | 1-½" |
| 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 | Flow Range gpm | Weight (lbs) | PSI Max | Length | |
|---|-----------|-------------------|----------------|--------------|---------|---------|-------|
| | | | | | | A | B |
| AWM-075  | ¾" | 10 | 0.5 - 20 | 6.0 | 150 | 12-5/8" | 7-½" |
| AWM-100  | 1" | 10 | 1 - 50 | 8.0 | 150 | 15-5/8" | 10-¼" |
| AWM-150  | 1-½" | 10 | 1.5 - 100 | 13.0 | 150 | 17-5/8" | 11-¾" |
| AWM-200  | 2" | 10 | 2 - 130 | 16.0 | 150 | 17-5/8" | 11-¾" |
| AWR-2T | 2" | 100 | 2 - 132 | 40.0 | 150 | 7.87" | N/A |
| AWR-3T | 3" | 1000 | 5.3 - 352 | 42.0 | 150 | 8.86" | N/A |
| AWR-4T | 4" | 1000 | 8 - 528 | 51.0 | 150 | 9.84" | N/A |

| AWM Options | Description |
|-------------|---|
| -1 | Provides 1 gpc instead of 10 gpc |
| -100 | Provides 100 gpc instead of 10 gpc |
| -A | Removes read switch (still contacting head) |
| -M | Metric units of measure (liters instead of gallons) |

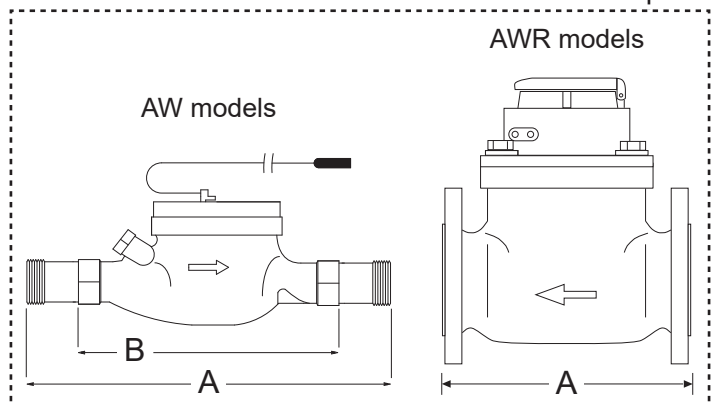
- Notes:**
- AWM models are supplied with couplings and gaskets.
 - AWR models are turbine meters with flanged connections
 - Add suffix -A to AWM and AWR models for meters without a contacting head. Ex: AWM-075-A

Water Meter Accessories

- AW-SP2** Signal splitter for 2 outputs
- AW-SP3** Signal splitter for 3 outputs
- PD-1** Pulse divider
- RCT-NANO** Powered remote totalizer
- NANO-F2** Dual meter pulse timer (1 or 2 meters; 120 volts)
- AW-RS** Reed switch for meter

Other Water Meters and Replacement Parts

We can help you get many other types and styles of meters as well as flow measuring devices and replacement kits for several brands of water meters. Contact the factory for more details.



Get the Advantage



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