Advantage Controls

Data Sheet

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	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	Flow Range gpm	Weight (lbs)	PSI Max	Length	
						A	B
AWM-075	3/4"	10	0.5 - 20	6.0	150	12-5/8"	7-1/2"
AWM-100	1"	10	1 - 50	8.0	150	15-5/8"	10-1/4"
AWM-150	1-1/2"	10	1.5 - 100	13.0	150	17-5/8"	11-3/4"
AWM-200	2"	10	2 - 130	16.0	150	17-5/8"	113/4"
AWR-2T	2'	100	2-132	40	150	7.87"	N/A
AWR-3T	3"	1000	5.3-352	42	150	8.86"	N/A
AWR-4T	4"	1000	8-528	51	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:

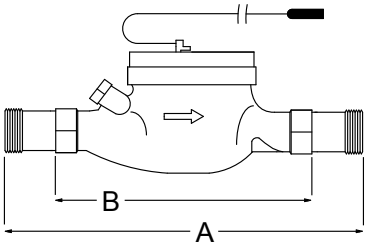
- AWM- meters are supplied with couplings and gaskets.
- AWR- models are turbine meters with flanged connections
- Change suffix G10 to G100 for 100 GPC or G1 for 1 GPC (AWM models only)
- Add Suffix “A” for meter without contacting head. Ex: AWM-075-A

Water Meter Accessories

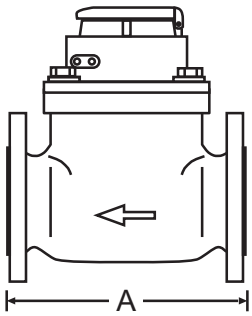
RCT-1	Remote Resetable Totalizer
RCT-1N	Non-resetableTotalizer
AW-SP2	Signal Splitter 2 Outputs
AW-SP3	Signal Splitter 3 Outputs
PD-1	Pulse Divider
AW-RS	Reed Switch for meter

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.

AW models



AWR models



Get the Advantage

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