

# Electrical, Contacting Head Water Meter



The Contacting Head Water Meter is used to measure quantity of make up water introduced into a cooling tower or boiler. The contacting head produces a pulse every ten gallons (or every 100 gallons) that goes to a chemical feed controller. Capacities of 20-130 GPM are available to fulfill a broad range of applications.

## SUPERIOR DESIGN

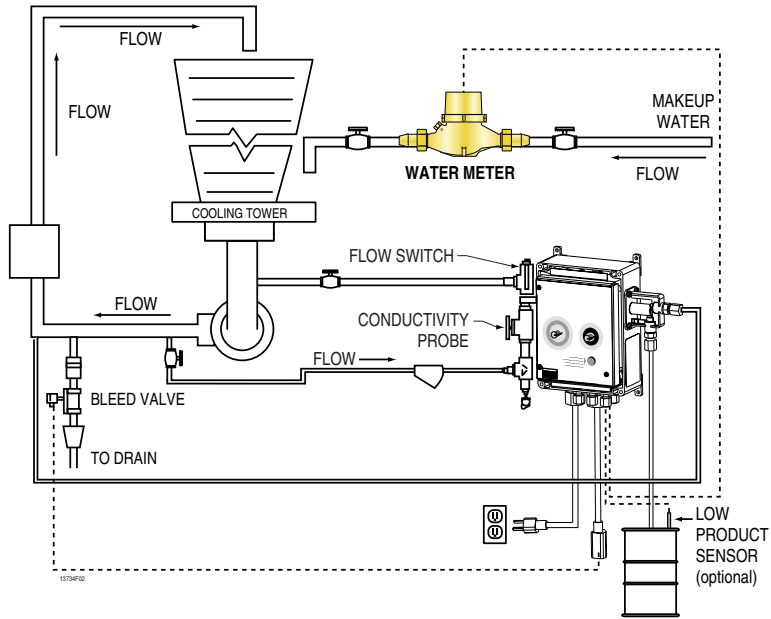
- Compact, heavy-duty cast bronze body
- Molded synthetic internal components resist corrosion
- Built-in strainer is easily cleaned without disassembling meter
- Measuring chamber design flushes sand easily, and is easy to replace
- Water lubricated gears and internal components for longevity

## OUTSTANDING FEATURES

- Ideal companion for HyDAC Cooling Tower and Boiler Controllers
- Low gear loading and friction-free surfaces result in smooth, quiet performance
- Freeze protection minimizes flooding after thaw
- Rugged, low cost flow measurement
- Union ends simplify installation

**HyDAC**<sup>®</sup>

## TYPICAL INSTALLATION



## SPECIFICATIONS

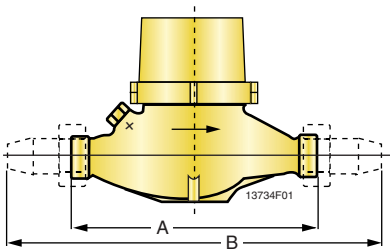
### UNIT SIZE

#### A METER WITH STRAIGHT MALE IRON PIPE THREADS AND [THREAD SIZE]

- 7.5 [1"]
- 10.75 [1.25"]
- 12.625 [2"]
- 10.625 [2.5"]

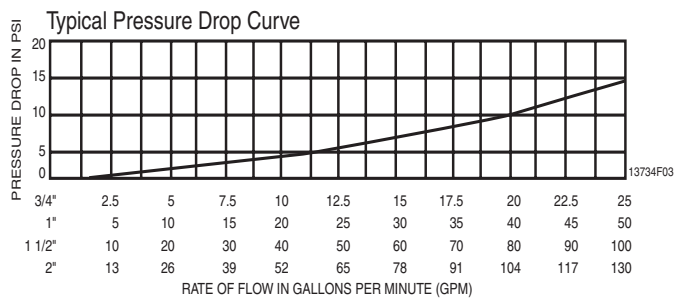
#### B WITH COUPLINGS AND [THREAD SIZE]

- 12.625 [0.75"]
- 16.125 [1"]
- 18.5 [1.5"]
- 16.875 [2"]

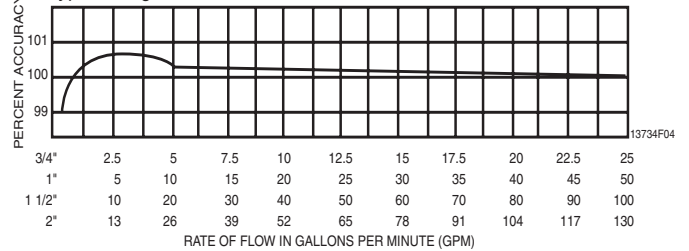


### MAXIMUM/CONTINUOUS GPM CAPACITY [FITTING SIZE]

- 20 GPM [0.75"]
- 50 GPM [1"]
- 100 GPM [1.5"]
- 130 GPM [2"]



Typical Registration Curve



## ORDERING INFORMATION

Water meter with electrical contacting head, with union fittings rated at 125°F (50°C)

Part #	Description
097271	3/4" NPT, 20 GPM, 1 pulse per 10 gallons
097272	1" NPT, 50 GPM, 1 pulse per 10 gallons
097273	1 1/2" NPT, 100 GPM, 1 pulse per 100 gallons
097274	2" NPT, 130 GPM, 1 pulse per 100 gallons

Water meter without electrical contacting head and 150 psi rated union fittings @ 125°F (50°C)

Part #	Description
054455	3/4" NPT, 20 GPM
054482	1" NPT, 50 GPM

Water meter with electrical contacting head and 150 psi rated union fittings @ 250°F (121°C)

Part #	Description
057931	3/4" NPT, 20 GPM, 1 pulse per gallon
057930	1" NPT, 50 GPM, 1 pulse per gallon

Specifications subject to changes without notice



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