METER TECHNOLOGY WERKS

SPECIFICATION SHEET

| MJ20S or MJ420S

Potable Cold or Hot Water Meter

Features

- Poly casing with brass threads
- Available in cold (MJ20S) or hot (MJ420S) versions
- Pulse output (1/10 gal) or (1/1 gal)
- Sealed register for tamper resistance
- Removable mounting plate for easy installation of Next Century transceivers (TR201 & TR4)
- Meets AWWA C708 performance
- NSF/ANSI/CAN 61 and 372 certified and marked
- Quiet operation
- 1-year new meter accuracy warranty/ 5-year standard warranty for casing, register, and accuracy (AWWA C708)

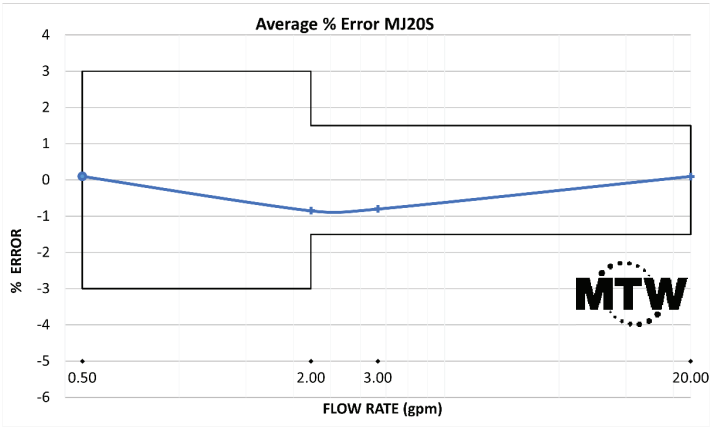


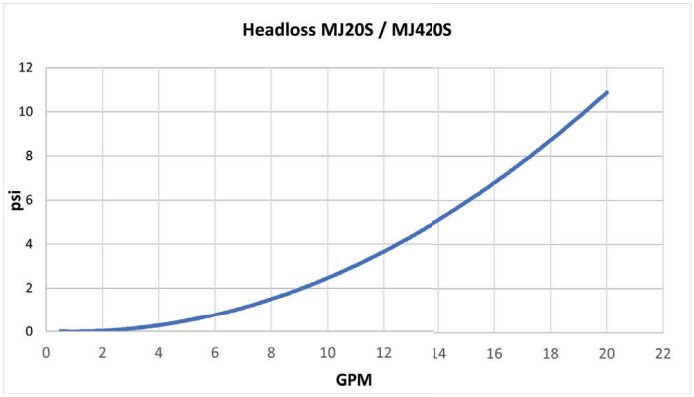


Specifications

Operating capacity	20 gpm
Max rate for continuous duty	15 gpm
Max pressure loss at max flow	10.9 psi
Normal flow range (+/- 1.5%)	1-20 gpm
Minimum flow (+/- 3%)	1/2 gpm
Max operating pressure (psi)	150
Max working temperature (Cold; MJ20S)	105° F
Max working temperature (Hot; MJ420S)	194° F
Meter casing spuds, nominal thread size	1” NPSM
Nominal pipe size	3/4”
Weight (lbs)	0.9

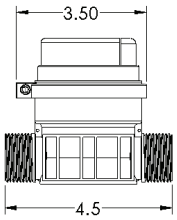
- Materials (main case) - Glass-reinforced Nylon
- Pulse Reed Switch rating: DC 24V max and 100mA max.

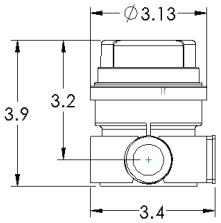




Application

For use in submetering applications where compact size and pulse output are desired. The MTW MJ20S / MJ420S multi-jet water meter uses a polymer casing design to allow for low weight and reduced cost but augments the meter with brass threads to reduce the likelihood of stripped threads during installation. The MJ20S / MJ420S meet NSF/ANSI/CAN 61 and 372 standards. The MTW MJ20S / MJ420S may be installed either horizontally or vertically. MTW suggests using fiber washers with the MJ420S.





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