

Features

- Poly casing with brass threads
- Available in cold (MJ20) and hot (MJ420) versions
- Pulse output (1/10 gal)
- Sealed register for tamper resistance
- Meets AWWA C708 performance
- NSF/ANSI 61 and 372 listed and marked
- Quiet operation
- 1-year new meter accuracy warranty/ 5-year standard warranty for casing, register, and accuracy (AWWA C708)

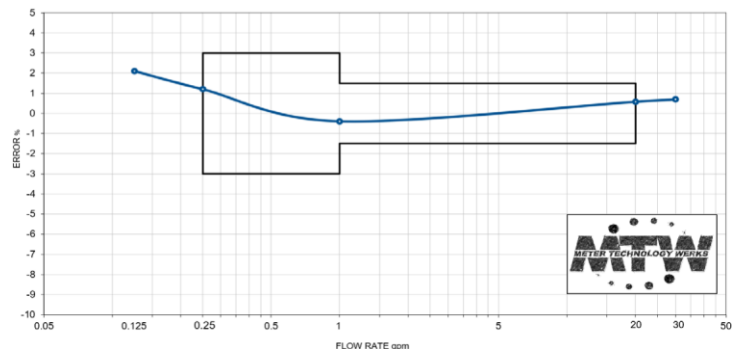


Specifications

- 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%) 1/4 gpm
- Max Operating Pressure (psi) 150
- Max working temperature (Cold; MJ20) 105° F
- Max working temperature (Hot; MJ420) 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

Accuracy

MJ20 / MJ420 Average Accuracy Curve (actual stock meters tested on MTW test bench)



Application

For use in submetering applications where compact size and pulse output are desired. The MJ20/MJ420 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 MJ20/MJ420 meet NSF/ANSI 61 and 372 standards. The MJ20/MJ420 may be installed either horizontally or vertically. The manufacturer suggests using fiber washers with the MJ420.

Pressure Loss

