

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

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| • 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 | |

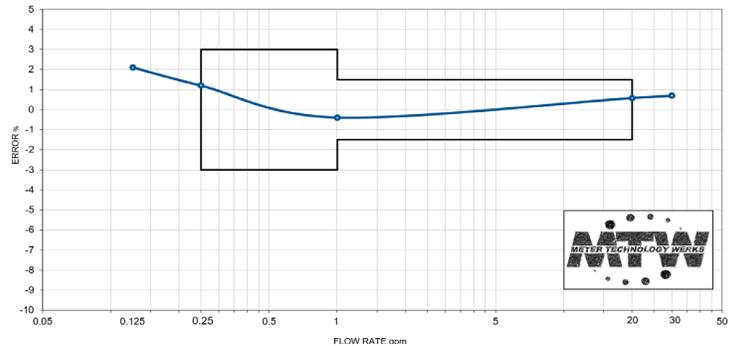
Application

For use in submetering applications where compact size and pulse output are desired. The MTW 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 MTW MJ20/MJ420 may be installed either horizontally or vertically. MTW suggests using fiber washers with the MJ420.



Accuracy

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



Pressure Loss

