

M-Series Hydroheater®

The M-Series Hydroheater® uses Direct Steam Injection heating to efficiently mix steam and process fluids to a set temperature. Trusted in fluid heating processes since 1934, the M-Series Hydroheater is perfect for precisely heating liquids and slurries across varying viscosities and solids.

- Available in two standard models: M206 and M208
- Compact inline design, minimal facility footprint
- Interchangeable flow rates with M100 Series heaters



M208 Hydroheater®

Product Details

- Precise temperature control (+/- 1 degree) helps you reach and hold your desired set point
- Unique combining tube adjustment allows for control of shear
- Handles high-temperature applications above 212°F (100°C)
- 316 Stainless Steel body, with 316L internals
- Compact design saves valuable facility space
- Process flexibility and stability ensured through a detailed design and engineering process
- Patented design allows for precise control of steam and turn-down adjustability
- Self-cleaning design eliminates scale build-up and product fouling
- Uniform heating of water, liquids, and slurries

| | Steam Inlet (in. / mm) | Process Inlet (in. / mm) | Min. Flow (GPM / m³/hr) | Max. Flow (GPM / m³/hr) | Weight (lbs. / kg) |
|------|---------------------------|-----------------------------|----------------------------|----------------------------|-----------------------|
| M206 | 1.0 / 25.4 | 1.0 / 25.4 | 0.6 / 2.4 | 5.7 / 25.0 | 48.0 / 22.0 |
| M208 | 1.5 / 38.1 | 1.5 / 38.1 | 1.5 / 6.5 | 10.4 / 46.0 | 72.0 / 33.0 |

KEY BENEFITS

- ✓ On-Demand Heating
- ✓ Precise temperature control (+/- 1 degree)
- ✓ Patented Design
- ✓ Self-Cleaning Design
- ✓ Steam Flow Control
- ✓ Choked Flow Technology
- ✓ Low Installation Cost
- ✓ Easy to Maintain