

MeeFog™ Pump Unit: Model MFP



What it does:

The MFP is specifically designed for HVAC humidification applications where output can vary from nearly zero to full load. The pump speed is controlled to keep the discharge pressure at 1000 psi, saving energy and extending pump life. The pump is kept cool even when the required flow is nearly zero by using a fin tube heat exchanger. For critical operations, the MeeFog Pump unit provides 100% redundancy when two side-by-side racks are used.

Features:

- Oversized NEMA 4 electrical box keeps internals cool.
- Ceramic plunger pump with stainless steel or brass pump heads.
- Pump rpm is limited to ensure quiet operation and long pump life.
- 10 micron high-pressure filter with pressure gauges before and after.
- Manages safety features and automatic redundancy control.
- Optional BACnet interface.
- Welded stainless steel frame.
- Open frame design for easy maintenance.

Model MFP

Model	Design Flow ^[1] (gpm)	Max. Flow ^[2]	Dimensions (W" x H" x D")	Motor HP	Voltage	Full Load Amps	Weight (lbs)
MFP-800	1.6	2.3	33.5 x 65.4 x 28.3	2 HP	230/460V 3-phase	5.9/3.2	450
MFP-1500	3.0	4.2		3 HP		8.3/4.4	490
MFP-2500	5.0	5.0		7.5 HP	460V 3-phase	6.5	565
MFP-3600	7.2	10.3		7.5 HP		9.5	580

[1] The recommended design flow for normal operation and extended pump life.

[2] Maximum flow can be used for intermittent operation, but to extend pump life, it is not recommended for continuous use.