

Accurate Water Metering with Zero Waste

Pfening's new generation water dosing system, the Enviroblender 7 (EBM 7), provides efficient and accurate water metering and temperature blending in a true plug-and-play design.

The system utilizes a highly accurate electric proportional valve and water meter to meet batch weight and temperature requirements.

FEATURES

- **Zero Waste** operation for draws of 80 Lbs. and greater, no dumping water to drain
- **Low Waste** off temperature water is rejected to drain until temperature is within 10 degrees of setpoint, then Zero Waste operation resumes.
- Electric blending valve, no compressed air required
- Accurate temperature by modulating the blending valve throughout the draw
- Meter accurate to within 0.5%
- Rugged industrial design, NEMA 4 controller enclosure
- Deviation alarms with audible signal
- Accommodates up to 20 formulation setpoints
- Can be integrated with production batching control systems

GENERAL SPECIFICATIONS

Piping size:	1 inch
Piping material:	Naturally anti-microbial copper
Flow rate:	200Lbs. per minute @ 45 PSI
Max temp:	180 Degrees F
Valves:	Brass
Fittings:	ProPress positive sealing, leak-free O-ring seals
Onboard controller:	Micro PLC & color touchscreen
Mounting:	Wall or floor stand
Supply Power:	120 VAC
Control Power:	24 VDC
Nominal Dimensions:	41.281" H x 32.312" W x 7.125"D

