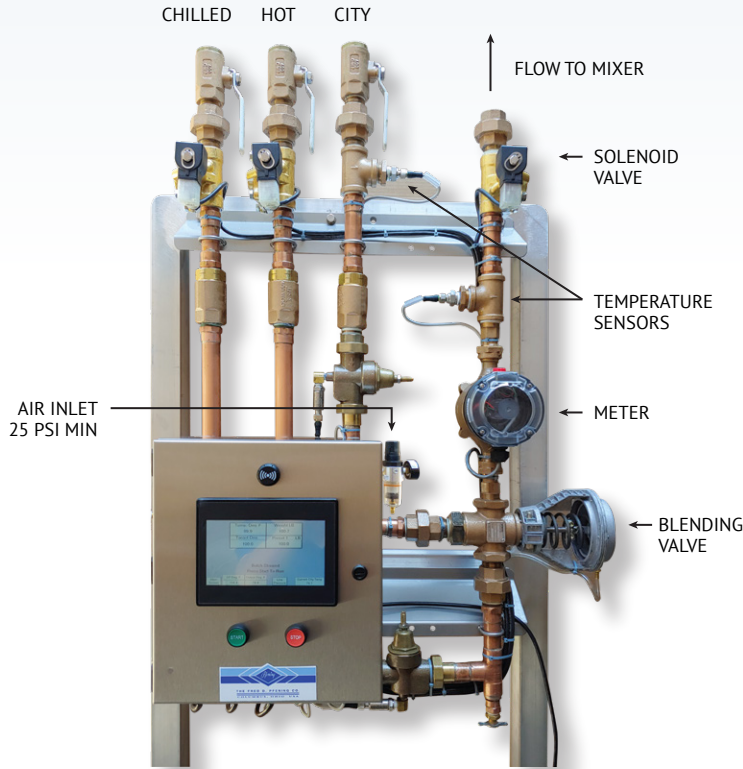




The Fred D. Pfening Company  
Dedicated to the Baking Industry Since 1919

# ENVIRO-BLENDER



## Pfening Automatic Temperature Blender and Metering System

- ◆ Achieves the desired temperature by modulating the blending valve each second throughout the draw.
- ◆ Wastes no water reaching the desired temperature, unlike conventional blenders.
- ◆ Meters water accurately to within 0.5%.
- ◆ Saves time, energy, and money by conserving water.

# Zero Waste

## The Enviro-Blender System Includes:

- Fast, accurate temperature control.
- Easy-to-use color touch screen interface.
- Rugged, industrial design for long life.
- Standard components for ease of maintenance.
- Ten batch and temperature set-points.
- Serves up to 3 mixers.
- Piping for 2 or 3 sources of water.
- Sophisticated deviation alarms with audible signal.
- Remote target changes via Ethernet IP.
- Can be wall mounted or free standing.
- Stand alone or can be integrated into Ingredient Batching System Controls.

Blender Model	Pipe Size	Flow Rate (at 50 PSI)	A	B
EBM-1	Ø1" copper	200 lbs./min	58"	33"

## General Specifications:

**Valve & Regulators:** Brass  
**Proportional Valves:** Air operated  
**Air usage:** 1 SCFM @ 25 psi  
**Max Temperature:** 180°F  
**Controller:** Micro PLC  
**HMI:** Color Touch Screen  
**Enclosure:** NEMA 4X (Stainless Steel)  
**Power:** 120 VAC



THE FRED D. PFENING COMPANY  
MANUFACTURERS OF  
MATERIAL HANDLING, PROOFING,  
AND LIQUID METERING SYSTEMS

Visit us at [www.pfening.com](http://www.pfening.com)

1075 WEST FIFTH AVENUE  
COLUMBUS, OHIO 43212  
PH: (614) 294-5361  
FAX: (614) 294-1633

email: [sales@pfening.com](mailto:sales@pfening.com)

SPECIFY TO ORDER:  
CONTACT A PFENING SALES ENGINEER OR AGENT  
FOR ASSISTANCE IN ORDERING YOUR PFENING  
ENVIRO-BLENDER