McDantim
GAS BLENDING TECHNOLOGIES

Specifications for

Trumix Gas Blenders for Beer Dispense

Description

The McDantim Trumix Gas Blending Panel is specifically designed to fill the needs of the U.S. Beer Dispensing Market. The Panel is a small wall-mounted unit that tucks neatly and safely out of the way. It is easy to install and hook-up and extremely dependable. The Trumix requires no electricity, on-going maintenance or adjustment. It can be used equally well with all sources of clean Nitrogen and CO_2 including high pressure cylinders, bulk tanks or separators.

The McDantim Gas Blending Panel is available with one or two blends and in standard or high flow models. All models consist of two "secondary" inlet regulators , McDantim "Trumix" Gas Blender(s), and outlet pressure regulators with gauges and shut-off valves for each outlet blend. These components are all contained within a powder-coated metal housing.

Size

All Panels are 9.5" wide (including the mounting flanges) x 10" high x 4.5" deep.

Hook-Up 3/8" HOSE BARBS ARE INSTALLED ON BOTH INLETS & OUTLETS.

Once mounted on the wall, the only hook-up required is the connection of the two inlet lines and one outlet line per blend. The Panel comes standard with 1/4" female NPT fittings. Hose Barbs are available at no additional cost in the following sizes 1/4", 5/16" and 3/8".

Blends Available BLENDS SET AT 25% & 60% CO2 (TM200), 25% OR 60% CO2 (TM100).

The Blending Panel is available with either one or two outlet blends, which come preset to any CO_2/Nitrogen blend you desire within the range of 20% through 80% CO_2. Other blends are possible on request.

Accuracy and Flow Range

The Trumix maintains an accuracy of ±2% of full scale or better within the flow range of .4 to 40 liters per minute (.85 to 85 cubic feet per hour)! The high-flow model maintains an accuracy of ±2% in a flow range of .4 to 80 lpm. The standard flow model will pour beer at up to 200 gallons per hour per blend. If either gas supply fails, the Gas Blending Panel will automatically shut off all gas flow through the outlets, thereby assuring the quality of your product and the accuracy of the blend.

Inlet Pressures Required INLET PRESSURE SET AT 45 PSI.

The ideal inlet pressure is between 45 and 150 psi. If an inlet pressure of 55 psi is not available we can set up the panel to match any conditions you have. We tune each blender at the inlet pressure it will work with, so inlet pressure needs to be specified. Our standard models are 55 and 70 psi.

Outlet Pressures Available

The Blending Panel normally comes with adjustable outlet pressures of 0 up to 40 psi range. The maximum outlet pressure will always be 10 psi lower than the lowest inlet pressure. The panel can also be ordered with outlet pressure set to custom ranges. The gray knobs on the panel will adjust the outlet pressure.

The McDantim Trumix Gas Mixer

The heart of the Panel, our Blender is an anodized aluminum bodied precision instrument. Its components are made of brass, stainless steel and aluminum, and elastomers and plastics offering the greatest resistance to aging or corrosion in an atmosphere of N_2 and CO_2. The Blender has been engineered to be free of parts vulnerable to wear. As a result, the Blending Panel will give years and years of perfect service. Consult McDantim directly for applications using other gases or conditions!

100% Money-Back Warranty

If for any reason during the first year after purchase you are unhappy with the Blending Panel we will refund your purchase price without argument. We believe completely in our product and hope this warranty makes you more comfortable with your purchase.

Options Available: The Panel is available with:

- One or two blends.
- Standard Flow delivers 25 lpm and High Flow delivers 80 lpm with 70 psi inlets.
- Outlet pressure ranges of 0 to 40 psi (standard) and 0 to 110 psi (120 psi inlets / Hi Flow model).
- Any blend of Nitrogen and CO_2 from 20% CO_2 to 80% CO_2.

Trumix 100 and 200 models are intended for beer dispensing applications: We have larger systems available.

Trumix 100

Standard TM100 ordered in either 25% or 60% CO2.

Outlet Pressure Adjustment

- One Blend
- Standard Flow:
  Up to 10 Kegs per hour dispensed

Trumix 200

Standard TM200 ordered with 25% & 60% CO2.

- Two Blends
- Standard Flow:
  Up to 20 Kegs per hour dispensed

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