

## INSTALLATION INSTRUCTIONS

# MICRO MATIC PRO-LINE™ GAS BLENDER PANEL

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Thank you for purchasing the **Micro Matic Pro-Line™ Gas Blender Panel**. Our goal is to give you the most dependable, accurate and straight forward blender possible for beer dispensing. We want you to be thoroughly happy with your new system and would like to hear from you if for any reason you are, in any way, displeased.

The **Micro Matic Pro-Line™ Gas Blender Panel** is simple to install and use. It is extremely accurate, reliable and requires little maintenance. Properly installed, and supplied with clean, dry gas, your **Pro-Line™ Gas Blender Panel** will provide a perfect supply of mixed gas for many years.

Please take the time to read and understand the instructions, the system and the cautions. While the system is simple there are inherent dangers in working with pressurized gases. Pressure vessels and storage tanks, which contain both liquids and pressurized gases, can explode or rupture and cause serious injury or death if over-pressurized or used incorrectly. Be 100% sure you understand the implications of what you are doing whenever you set up, turn on or modify this or any system. Check with your equipment supplier (in the case of storage tanks especially) to be sure you are not exceeding any safety limits. If you have any doubt concerning the safety of your system, get advice from or have the work done by a qualified specialist.

## CAUTION

With the Pro-Line™ Gas Blender Panel you are dealing with pressurized gases. Serious injury or death can result from improper installation, use or service. All work on these systems should be carried out by qualified personnel only! Before attempting any work on this system be sure to read and understand these and any other instructions that relate to the equipment involved in these systems! The dangers include, but are not limited to, EXPLOSION if the maximum safe pressures for any of the individual components of the system are exceeded or ASPHYXIATION if gases are released or leaked into a confined area. If you have any questions regarding the safety of these systems do not proceed with the installation or operation until you are 100% certain as to their safety!

# PRO-LINE™ GAS BLENDER PANEL INSTALLATION INSTRUCTIONS

## NOTE:

These instructions apply to the PRO-LINE™ MM100A, MM100S, MM200 and MM300. The MM100A and MM100S have one outlet assembly and the MM200 has two outlet assemblies. (Photo is a PRO-LINE™ MM300.)

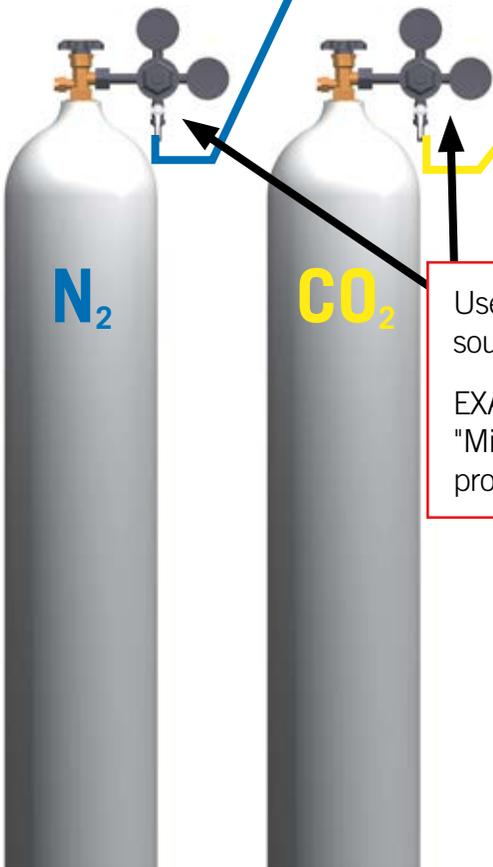
## WARNING

With this or any compressed gas system there are certain dangers. If you do not have the experience to understand these dangers use a professional installer.



Do not remove fittings.

Use reinforced braided tubing suitable for 150 psi.



Use high pressure regulators on your gas source suitable for your panel specifications.  
EXAMPLE: If your inlet pressure label states "Min. inlet pressure 55 psi" then you must provide at least 55 psi to the Blender Panel.

Mixed Gas Out

# INSTALLATION INSTRUCTIONS

## STEP 1: DETERMINE THE BEST LOCATION FOR THE BLENDER. SELECT A LOCATION THAT:

- a. Minimizes the chance of accidental damage to the blender.
- b. Is near as is practical to both the supply sources and the supplied equipment.
- c. Convenient access to the shutoff valve for servicing.
- d. Mount panel in a weather-proof area only.

## STEP 2: MOUNT PANEL TO WALL.

## STEP 3: HOOK UP GAS SUPPLY AND OUTLET.

- a. Use **only** the gases shown on the panel label(s).
- b. Make sure you are supplying the panel with clean, dry gases that are between the minimum and maximum pressures as indicated on the panel label.
- c. Turn shutoff valve(s) on panel to the off position.
- d. Install high pressure braided tubing from the gas sources to the barb fittings on the panel.  
**DO NOT ATTEMPT TO REMOVE INLET OR OUTLET FITTINGS.**
- e. If blender is to be connected to bulk CO<sub>2</sub> it is **recommended to use a Check Valve Tee.**
- f. Confirm that your system and related equipment is safe and ready for pressurized mixed gas.
- g. Connect mixed gas supply tube to mixed gas outlet fitting.
- h. Turn on the supply gases and check supply system and fittings for leaks.
- i. Open mixed gas supply shut off valve and check system for leaks.

# OPERATION GUIDELINES AND HELPFUL HINTS

## NOTES:

1. Supply the panel with clean gases.
2. Be sure no liquid can get into the blender as this will render it useless and void the warranty, use Check Valve Tee.
3. Some fittings on the panel do not have standard US threads, and should not be removed without checking with Micro Matic!
4. **NEVER EXCEED THE RECOMMENDED PRESSURES FOR ANY PART OF YOUR SYSTEM.**

## TROUBLESHOOTING: NO OUTLET GAS

1. Close shutoff valve. Check pressure on pressure gauge.
  - a. If pressure is low or zero, check:
    1. Both supply gases. (One or both could be empty, turned off or out of adjustment.)
    2. For blockage of either supply line or for a closed valve within the supply system. (The blender shuts off if either supply gas is unavailable.)
  - b. If pressure is good:
    1. Open shutoff valve completely.
2. If you continue to have no gas, close shutoff valve, remove tubing from outlet, open shutoff valve and check for gas flow.
3. If you still have no supply gas, call Micro Matic or your gas supplier or service person. **There are no user-serviceable parts within the panel. Anything done to the internal parts will affect the blend and void the warranty.**

If you encounter other questions or problems call:

**Micro Matic 1-866-327-4159**

# McDANTIM, INC. LIMITED FIVE YEAR WARRANTY

WARRANTY NOT VALID OUTSIDE THE CONTINENTAL USA

If the mechanics of this product are found to be defective in materials or workmanship within five years from the date of purchase, **McDantim, Inc.** will repair or replace, at its option, the defective product or component part. If for any reason the original purchaser is unsatisfied with the performance of this product, **McDantim, Inc.** will, at the purchaser's option, replace the product or refund the original sale price upon return of this product to **McDantim, Inc.** Please retain receipt for proof of purchase. Proof of purchase is required for any warranty service or claim. Your receipt is your warranty card.

## LIMITED WARRANTY

**McDantim, Inc.** warrants each product to be free from defects in material and workmanship under normal use and service for five years from date of sale. The obligation of **McDantim, Inc.** under this warranty is limited to the replacement of defective parts. Notice of defective parts must be submitted to **McDantim, Inc.** within five year and 15 days of date of sale. This warranty does not cover shipping, handling, or freight charges.

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