



Installation Guidelines - MZ Heating Systems

- Heat loss calculation (manual J) should be performed to insure that the heating system is able to handle the load required.
- Bionibal corrosion inhibitor **MUST** be installed in system. 1% concentration for oxygen barrier tubing and 2% concentration for non-oxygen barrier tubing.
- Under no circumstances should standard commercial antifreeze be used in the MZ. 5 gallon quantities of Sanibagel are available which is formulated with the Bionibal solution. A 50/50 mix of Sanibagel and water will bring the water to a 1% concentration.
- Venting should be concentric or direct vent – do not vent into a natural draft chimney
- When choosing an installation location, take vent lengths into consideration. Some locations may not be able to handle the vent length limitations. Another location may be more suitable.
- The MZ Mod Control or outdoor reset control is only to be used on the MZ25C or the MZ40C in heat only applications, it will not work on the MZ25S or when using an indirect tank (such as a BS tank).
- Maximum supply water temperature is 176°F – do not attempt to raise gas pressures or recalibrate temperature gauge in order to try and obtain higher temperatures.
- Choose proper location for venting; do not place in an area of high winds which could cause back pressure on the exhaust.
- Expansion tank that comes supplied with the MZ25S or MZ25C will only handle up to 26 gallons of water. When system has higher water content, an external expansion tank must be installed.
- This unit does not have an H stamp, check with local requirements that require ASME before installing.
- After installation is complete, a combustion analysis should be performed and gas pressures checked.
- Unit should be installed by a qualified professional. Regular maintenance is required to keep the heating system operating efficiently.

Note: These are major items to consider before buying and installing FCX heating system.

*Monitor Products, Inc. will not take any responsibilities for the product performance and reliabilities and the limited warranty will not be applied unless the above guidelines are followed.