



# MA/MX/MXR Fact Sheet

## Two Stage Heater

Rate (1000 btuh)	30-40		45-60		60-80		75-100		95-125		115-150		130-175		160-205		165-220	
Lengths	10'	20'	15'	30'	20'	40'	20'	40'	30'	50'	40'	60'	50'	60'	50'	70'	60'	70'

- Emitter tube: 1st tube is aluminized heat treated—balance can be aluminized heat treated or hot rolled
  - Venting: Maximum total vent length: 30 ft.  
Maximum total fresh air allowed: 30 ft.  
Total vent length plus outside air cannot exceed 50 ft.
  - Special configurations: 60,000 BTU—15 ft heat exchanger with 6ft stainless steel baffle  
80,000 BTU—40 ft. heat exchanger with no baffle  
100,000 BTU—40 ft. or 50 ft. heat exchanger with no baffle  
205,000 BTU— 50 ft. heat exchanger with 4 ft. baffle at 40 ft. and an 8 ft. baffle at 50 ft.
- NATURAL GAS ONLY**
- Gas connection: 1/2" N.P.T. ( female ) @ heater  
Minimum inlet pressure: Natural—5" W.C
  - Electrical: Each heater—120 V AC 60 Hz 1 AMP, 36" long power lead

### FEATURES

MA	MX	MXR
<ul style="list-style-type: none"> <li>• Two stage</li> <li>• Hinged door cover (easy to service)</li> <li>• Unit can continue running while servicing</li> <li>• Self diagnostic module</li> <li>• DSI, 3 try ignition ( direct spark)</li> <li>• Operation light</li> <li>• Low voltage controls</li> <li>• Deep reflector design is 99% efficient</li> <li>• Separated components in burner box ( electrical components are not in air stream )</li> <li>• Three year warranty on all components</li> <li>• Pre and post purge</li> <li>• Seven year warranty on hot rolled heat exchanger</li> <li>• Ten year warranty on aluminized heat exchanger</li> </ul>	<ul style="list-style-type: none"> <li>• Two stage</li> <li>• Burner box completely gasket sealed</li> <li>• Unit can continue running while servicing</li> <li>• Self diagnostic module</li> <li>• DSI, 3 try ignition ( direct spark )</li> <li>• Operation light</li> <li>• Low voltage controls (no relay required)</li> <li>• Deep reflector design is 99% efficient</li> <li>• Separated components in burner box ( electrical components are not in air stream )</li> <li>• Three year warranty on all components</li> <li>• Pre and post purge</li> <li>• Seven year warranty on hot rolled heat exchanger</li> <li>• Ten year warranty on aluminized heat exchanger</li> </ul>	<ul style="list-style-type: none"> <li>• Same as MX Model plus...</li> <li>• Burner box is sealed for outdoor conditions</li> <li>• Rubber gaskets are used instead of fiber</li> <li>• Silicone used to seal corners and joints</li> <li>• Weather resistant electrical components used for exterior connections</li> <li>• Heat exchanger is standard heat treated aluminized steel tubing</li> <li>• Stainless Steel burner boxes available as well as tubing and reflectors</li> <li>• Units are wind resistant</li> <li>• Ten year warranty on aluminized heat exchanger</li> </ul>