

## MUNCHKIN 399M HIGH EFFICIENCY GAS BOILER

JOB NAME :  
LOCATION :  
ARCH./ENGR :  
WHOLESALER :  
MECH. CONTRACTOR :  
MODEL NUMBER :  
TYPE OF GAS :  
BTU/HR INPUT LOW FIRE:  
BTU/HR OUTPUT HIGH FIRE:  
MODULATION RANGE (4:1 RATIO):

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### Standard Features

- 93% AFUE\*
- Boiler bear ASME "H" stamp
- Rated working pressure up to 125 PSI
- 30 PSI ASME Relief Valve
- Modulating Firing rate 100,000 btu to 399,000 btu
- Sealed Combustion Chamber
- Stainless Steel Premix Burner
- Boiler Constructed of Stainless Steel
- Water Pressure Switch (set at 8PSI)
- Spark Ignition
- Flame Rectification Probe
- Supply and Return Thermistor
- Combination Pressure and Temperature Relief Valve
- High Limit Temperature Control with Manual reset
- Low NOx Operation exceeds most stringent Air Quality Requirements
- 24 Volt Transformer
- 120 Volt Output to Central Heating Circulator
- Modulating digital control system
- Digital Display Panel
- 5/8 Condensation Connection with Built-in Trap
- Electrical Junction Box with Switch
- Wiring Harness with Molex Connection
- Vent Termination Coupling and Tee (PVC)
- 12 Year Limited Warranty

### Optional Equipment

- V2000** Aluminum Outside Termination Vent Kit
- Vision I** (outdoor reset - Indirect Priority – Two Temperature operation.)
- Condensation Neutralizer (N1100)

### Additional Features

- Freeze Protection
- 6 Minute Modulating burner Sequence
- Adjustable differential central heating
- Temperature measurement in Celsius or Fahrenheit
- Display will allow installer to check current status of the Munchkin parameters

\*AFUE Rating test done at 299,000 BTU/HR Input