

# MONITOR HEATING SYSTEM

## Section 1: Description GF3800

### 1-1 SPECIFICATIONS

Model No.	GF3800
Type of Appliance	Fan type direct vent wall furnace
Input Rating	High 38,000BTU/hour(Nat.), 34,500 BTU/hour(LP.) Low 21,600BTU/hour(Nat.), 21,600 BTU/hour(LP.)
Output Rating	High 30,700BTU/hour(Nat.), 27,900 BTU/hour(LP.) Low 17,500BTU/hour(Nat.), 17,500 BTU/hour(LP.)
Electrical Rating	120 V, 60 Hz, Less than 2 amperes
Power Consumption	80 Watts
Heated Air Delivery	High 388 Cubic feet/minute Low 300 Cubic feet/minute
Flue Pipe Hole	2.5 inches diameter
Dimensions	Height: 26.6 inches (67.56cm) Width: 28.7 inches (72.90cm) Depth: 14.0 inches (35.50cm)
Weight	82 pounds
Inlet Gas Supply Pressure	Nat. Gas Max. 10.5 inch W.C. (267 mmH <sub>2</sub> O) Min. 5.7 inch W.C. (130 mmH <sub>2</sub> O) LP. Gas Max. 10.0 inch W.C. (330 mmH <sub>2</sub> O) Min. 11.0 inch W.C. (279 mmH <sub>2</sub> O)
Manifold Test Pressure	Nat. Gas 3.4 inch W.C. (86mmH <sub>2</sub> O) LP. Gas 3.15 inch W.C. (80mmH <sub>2</sub> O)

The minimum and maximum inlet gas supply pressure are for the purpose of input adjustment.

### 1-2 SPECIAL FEATURES

#### AUTOMATIC IGNITION

**MEMORY BACK UP:** Set memory can be kept in case of power failure for up to 30 minutes.

**DUAL BLOWERS:** Separate fans for combustion and room air circulation.

**THERMOSTATICALLY CONTROLLED:** Adjusts to the desired room temperature.

**BUILT-IN TIMER:** Heater will automatically operate as programmed by the user.

**AUTOMATIC RESET AFTER POWER FAILURE:** Heater will automatically resume operation after power is restored.

**INDICATOR LIGHTS:** Easy-to-see signals show when heater is in operation, when timer is activated, and when the burner is operating.

**CLEAN OPERATION:** Products of combustion are vented outside.

**CONSUMES NO ROOM AIR:** Air for combustion is drawn from outside.

**EASY INSTALLATION:** Includes all parts required for standard installation.

**CHILD LOCK:** Prevents accidental operation and prevents small children from altering the controls.

### 1-3 SAFETY FEATURES

**SAFE RE-LIGHTING:** Heater will not restart until its combustion chamber has cooled.

**ELECTRICAL PROTECTION:** Heater automatically shuts off in the unlikely event of a malfunction in the electrical circuitry or disruption of the power supply.

**NO EXHAUST IN ROOM:** Products of combustion are discharged outdoors.

**FLUE PIPE:** Outside air is drawn through a pipe-within-a-pipe venting system. This process preheats combustion air and regains heat from exhaust gases.

#### CAUTION: ALTERNATE POWER SOURCES

The Monitor GF3800 may not operate when powered by sources such as an auxiliary generator, UPS (Uninterrupted Power Source), inverters, etc.

This unit may not operate on a GFI (Ground Fault Interrupter) power circuit.

Check with your dealer for guidance on specific applications.