

HARGROVE GAS LOG MHE PROPANE CONVERSION INSTRUCTION

If you purchased a natural gas log set but will be operating it with propane gas, please follow these conversion instructions for proper conversion and operation.

NOTE: ALL PROPANE MODELS MUST HAVE A SAFETY PILOT CONTROL INSTALLED (NOT INCLUDED IN THIS CONVERSION KIT). IF YOUR SET DOES NOT HAVE A SAFETY PILOT CONTROL, CONTACT YOUR GAS LOG DEALER BEFORE INSTALLING OR USING THE GAS LOG SET.

GENERAL INFORMATION

DO NOT USE A NATURAL GAS MODEL FOR PROPANE GAS OR A PROPANE MODEL FOR NATURAL GAS. WHEN USING PROPANE GAS AN AUTOMATIC PILOT SYSTEM MUST BE INSTALLED.

1. There are many different local codes for fireplaces and gas logs. The installation of this set must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1
2. **This conversion kit is supplied with an orificed air mixer. Failure to use or manipulate the air mixer with void the factory warranty.**
3. When glass fireplace doors are used, always operate the gas log set with the doors fully open to allow for proper combustion air.
4. The fire screen must be in place when the log set is in use.
5. The appliance and its individual shut-off valve must be disconnected from the gas supply system at test pressures in excess of 1/2 psig.
6. Minimum inlet supply pressure for propane gas is 10" water column. Maximum inlet supply pressure for propane gas is 13" water column.
7. After burning, the logs become fragile and should not be handled. Knocking or rubbing the logs can cause the concrete to crumble and is not covered under the warranty.
8. Use a soft, dry paintbrush for periodic dusting of the gas fire logs. Special care must be taken to clean Birch series logs because rubbing will remove soot and also remove the white pigments.
9. **Do not burn wood with this set.**

NOTE

ADEQUATE FIREPLACE VENTILATION AND DRAFT IS REQUIRED FOR SAFETY. IT IS THE HOMEOWNER'S RESPONSIBILITY TO ASSURE THAT THE FIREPLACE DRAFTS PROPERLY.

GAS LOGS MUST BE INSTALLED BY PERSONNEL QUALIFIED FOR INSTALLING GAS APPLIANCES.

READ INSTRUCTIONS COMPLETELY PRIOR TO INSTALLING AND OPERATING THIS APPLIANCE.

INSTALLER, LEAVE THESE INSTRUCTIONS WITH THE CONSUMER

PARTS INCLUDED

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1. AM / AM-N	AIR MIXER & AIR MIXER NUT
2. VM	VERMICULITE
3. RSPOS-10	PILOT ORIFICE
4. 46-6-6	3/8" PIPE x 3/8 FLARE ADAPTER
5. LP-EXT.	LP PILOT BRACKET

ILLUSTRATION



INSTALLATION AND OPERATION

1. Remove the embers and set them aside. Discard the sand from the Ember Burner.
2. Remove the SC-5 connector and the brass fitting located on the Ember Burner pipe. There may be a brass orifice and steel swedge installed inside the burner pipe. If so, remove the orifice and swedge prior to installing the Air Mixer.
3. Install the air mixer to the end of the burner pan using pipe joint compound on the threads.
4. Connect the 46-6-6 brass adapter to the Air Mixer.
5. Reconnect the MHE valve assembly to the burner by installing the SC-5 connector onto the 46-6-6. **See Figure 1**
6. Remove the natural gas pilot orifice from the thermocouple/pilot burner assembly (RSTPB) and replace it with the RSPOS-10 LP pilot orifice. **See Figure 2**
7. Install the LP-EXT pilot bracket to the two pilot holes on the Ember Burner. Fasten the RSTPB on the LP-EXT. **See Figure 1**
8. Spread the vermiculite evenly over the pipe of the burner. The vermiculite level should be sloped evenly with the sides and back of the ember burner.
9. Replace the embers atop the vermiculite. **See Figure 3**

Refer to the MHE Lighting and Operation Instructions to light the pilot and burner and for operation of this control.

The Air Mixer Nut may be adjusted to change the color of the flame. When the holes of the Air Mixer can be seen the flame will burn light yellow and when the Air Mixer Nut closes the holes the flame will burn a yellow-orange color but will also increase soot. It is recommended that the Air Mixer holes are completely exposed.

Figure 1

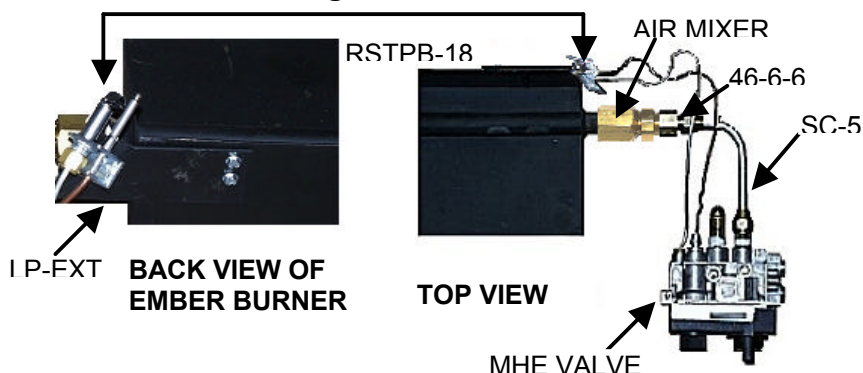


Figure 2



Figure 3

