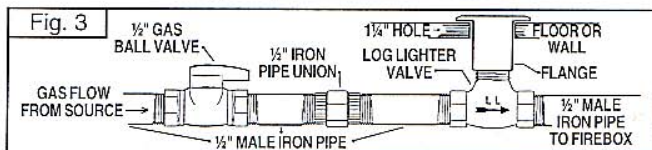
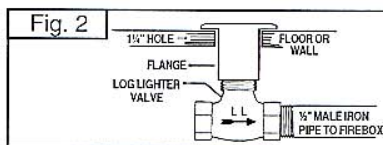
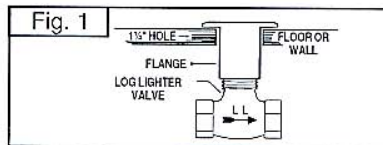


Instructions Hearthmaster™ Log Lighter Valve and Flange Installation

Please read all instructions before beginning

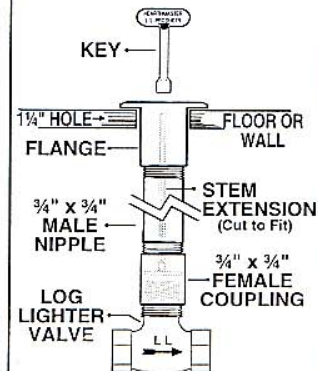
Important Notes:

- ALL PIPING SYSTEMS MUST BE INSTALLED TO MEET LOCAL BUILDING/PLUMBING CODES.
 - A variety of iron pipe size fittings/nipples are available from your hardware, home center, or fireplace dealer.
 - Remove all foreign material before threading all connections.
 - Always use high quality pipe joint compound or P.T.F.E. pipe thread tape on all connections to seal threads.
 - Support pipe every five feet.
1. Turn off gas to the natural gas supply pipe. If this is not possible, turn off "whole house" natural gas.
 2. Determine valve location at the base of the hearth to either side of the fireplace. Drill a 1 1/4" hole to accommodate the flange and valve. Install the valve into the flange from below the floor. See figure 1.
 3. Run 1/2" male iron pipe from the gas valve to firebox. See figure 2. Extend pipe approximately 3 1/2" if entering the firebox through the side (may vary according to firebox width). If running through firebox floor, extend pipe no longer than 1 1/2" (to allow for log grate) trying to cross-center 1/2" MIP gas line in firebox floor.
 4. Run 1/2" male iron pipe from a natural gas source (of at least 1/2" diameter) to an AGA approved 1/2" gas ball valve. This is not the same as a log lighter valve. See figure 3.
 5. Now run 1/2" male iron pipe from the 1/2" gas ball valve to a 1/2" iron pipe union.
 6. Last, run 1/2" male iron pipe from the log lighter valve to the union, then thread union together. Cap off threaded 1/2" nipple in firebox, and air test new pipe connections with liquid leak detector before turning on gas.



If valve has to be set deep in the wall or floor,

use a nipple, coupling and stem extension when the flange cannot be directly threaded onto the valve.



Instructions Hearthmaster™ Log Lighter Bar Installation

Read and apply important notes under log lighter valve and flange installation.

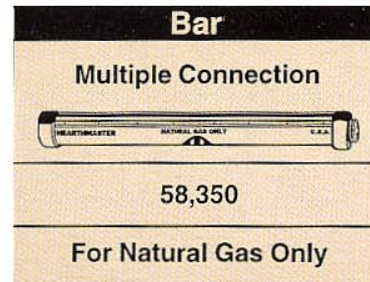
Can Be Installed In:

- ZERO CLEARANCE FIREPLACES - gas supplied from either the right or left side.
- BRICK OR STONE FIREPLACES - gas supplied from the right, left or bottom.

1. Turn off gas to firebox.
 2. Remove test cap or old log lighter bar (if replacement).
 3. Set the Hearthmaster™ Log Lighter Bar in the approximate center of the firebox. Measure from bar inlet to gas supply. Add additional 1/2" male iron pipe or thread directly on supply line if no additional pipe is needed. See figure 4.
- NOTE: Centering Hearthmaster™ Log Lighter Bar will add to the efficiency of lighting logs quickly and evenly.
4. Seal unused threaded inlets with 1/2" countersunk plugs, that are provided. Plugs can be removed with a standard 3/8" ratchet. Countersunk plugs can also be used with black street 90's to fabricate rigid legs. Bars can be coupled together for longer patterns.

To Ignite Bar:

1. Make sure gas is turned off to the Hearthmaster™ Log Lighter Bar.
2. Place crumpled paper under Hearthmaster™ Log Lighter Bar. Ignite paper.
3. Turn log lighter valve on to desired flame setting.
4. Turn log lighter valve off after logs have ignited.



All HEARTHMASTER™ Valves Are:



AGA
CERTIFIED



CGA
CERTIFIED



UPC
LISTED