



3-Hour Automatic Timer Shut-Off Valve

Model# 3090

INSTALLER: Leave these instructions with consumer.
CONSUMER: Retain for future reference.

SPECIFICATIONS

- 100,000 B.T.U., Natural Gas @ 0.6 SP. @ 7" w.c.
- 100,000 B.T.U., Propane Gas @ 1.53 SP. @ 11" w.c.
- Maximum working pressure not to exceed 1/2 P.S.I.G.
- Maximum ambient operating range: from 0° F (-18° C) to 150° F (65.6° C).

INSTALLATION REQUIREMENTS

- Timer MUST be installed in accordance with local codes or, in the absence of local codes, in accordance with the National Fuel Gas Code ANSI Z223.1/ NFPA54, or the Natural Gas & Propane Installation Code, CSA B149.1, as applicable.
- Timer MUST be installed in-line between the shut-off valve and the gas appliance.
- Timer MUST be installed a minimum of 18" away from the appliance or it will overheat, causing damage to the timer and may result in a leak.
- Timer MUST be installed within 6 feet of the appliance. If it is located within the appliance enclosure, it must be easily accessible.
- Timer MUST be protected from high temperatures and outdoor elements.
- Use pipe joint compound resistant to all gasses on all NPT fittings except flare fittings. Be sure to leak test at all connections.

INSTALLATION

In addition to following the CONNECT GAS SUPPLY section of the gas appliance owner's manual, install the timer in the gas supply line (between the shut-off valve and the appliance). See Fig. 1-1 and 1-2.

- **Ensure you connect the line coming from the gas supply to the side marked "IN" on the timer.**
- **The timer accommodates 1/2" NPT piping (both ends).**
- **Follow ALL information found in the requirements section above, in the gas appliance owner's manual, and in Fig. 1-1 and 1-2.**
- **The timer can be installed horizontally or vertically.**

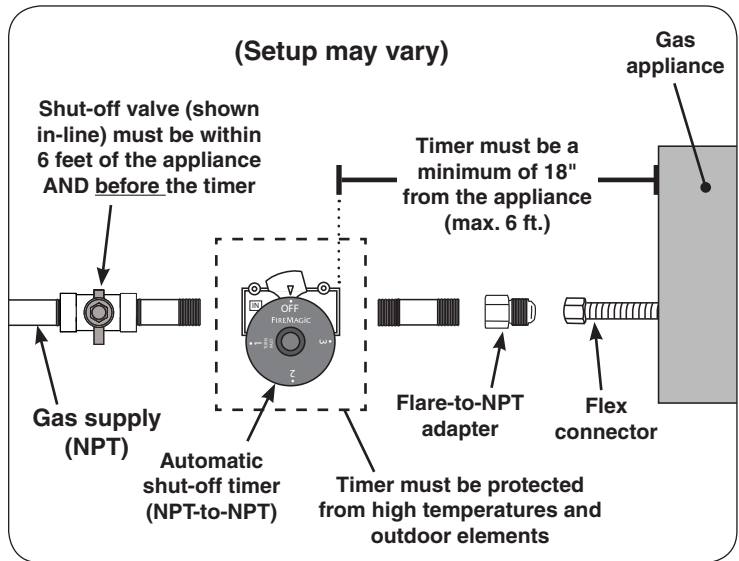


Fig. 1-1 Timer installation overview

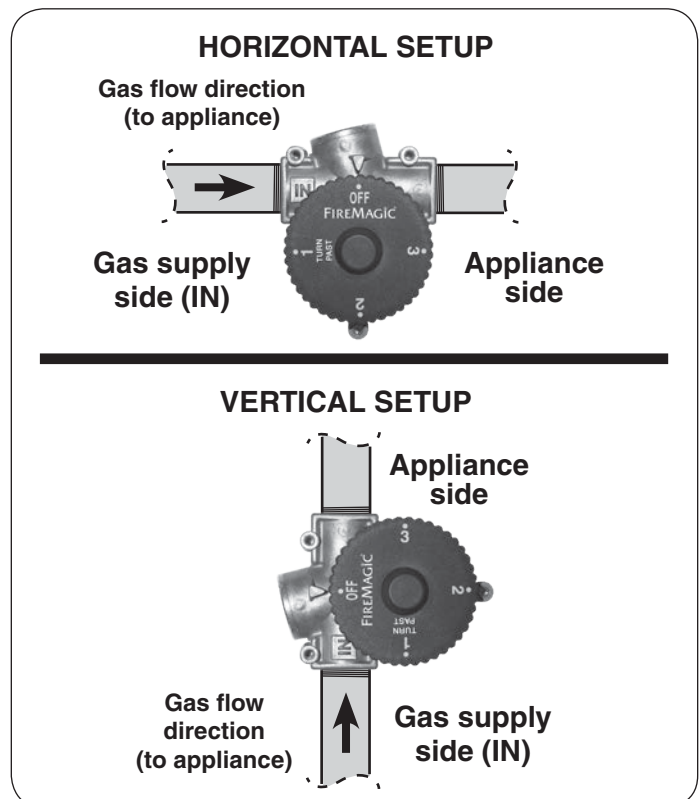


Fig. 1-2 Timer installation detail

OPERATION

To use, set the dial (turn clockwise) to the desired time to shut off. The dial is marked in 3 one hour increments (any position in between is an estimate of that hour). The timer dial will auto rotate (counter-clockwise) and will shut off the gas supply when the dial reaches OFF (i.e. the time is completed).

Important: When using the timer for periods of less than one hour, you must first set the dial to 1 hour (to activate), then return (counter-clockwise) to the desired amount of time. This will ensure proper timer operation. See Fig. 2-1.

CAUTION: Always leave the shut-off valve in the OFF position when not in use.

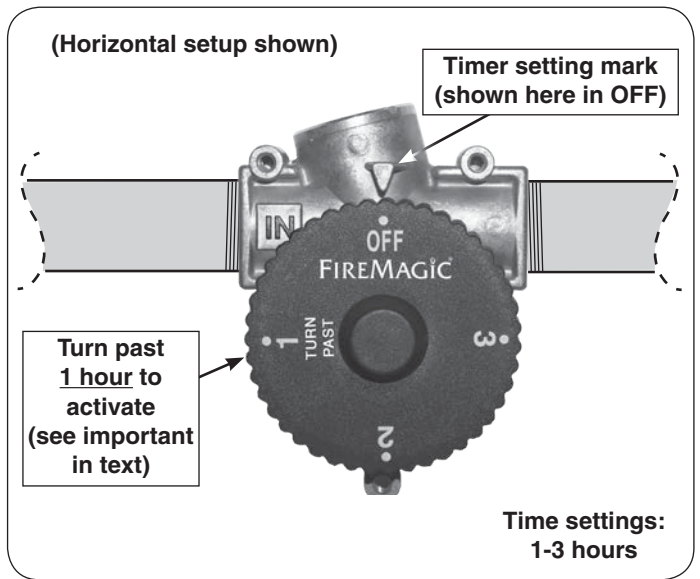


Fig. 2-1 Timer operation