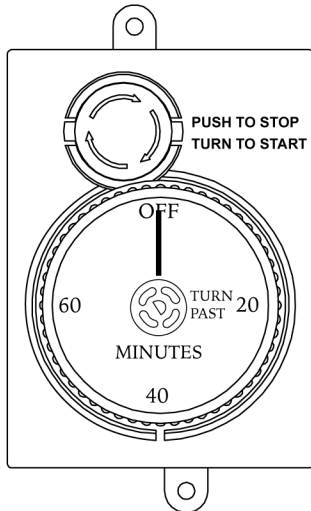


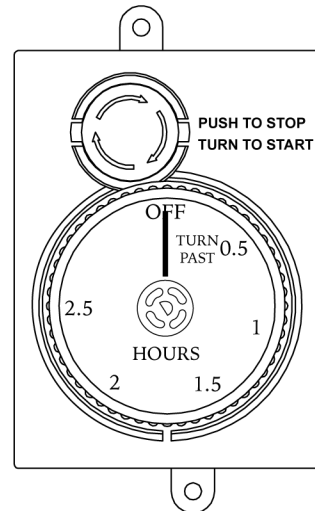
E-Stop Gas Timer



Model: E-STOP1-0



PATENT PENDING



Model: E-STOP2-5

Description: The E-Stop is a manual shut-off valve/mechanical timer designed to be installed on the inlet side of a gas appliance to enable the user to control the time that gas is allowed to flow to a gas appliance. This is a mechanical timer that has the ability to control gas flow for 1-hour (60 minutes) using the E-STOP1-0 model or 2.5-hours using the E-STOP2-5 model. In addition, the E-Stop has a safety feature (red knob) that enables the user to shut the gas completely OFF immediately in case of an emergency.

The E-Stop body 4-inches tall by 2 7/8 -inches wide and can replace a manual shut-off valve and meet local code requirements as the accessible shut-off valve. It can be use for multiple applications from gas fire pits, gas grills, gas logs, gas torch lights, etc. where a shut-off valve is a requirement.

Specifications:

Pipe Size: 1/2" NPT (2) inlets and (2) outlets

Designed For: Natural or Propane Gas

Max Temperature: 175° (79°C)

Pressure: Max 1/2" PSI

Btu Rating: 170,000 Max

Timer Accuracy: 60 Min. +/- 15%

Operation

TO START: First rotate the clear dial past 20 minutes to set the proper time. Timer will begin "clicking" the predetermined countdown time. Turn red knob clockwise (about a 1/4 turn) until it pops outward.

TO STOP: Simply press red knob inward. The red knob will lock down with a "click" and stop gas flow. See Figs. 1 & 2.

Note: It is not recommended to force the timer knob to the OFF position after time is set. Long term effects can potentially weaken the spring inside the E-Stop and affect the accuracy of the time.

Red Knob: Turn clockwise and knob will "pop" up to allow gas flow.

Timer Dial: Rotate clockwise to start time. Adjust dial to desired time frame.

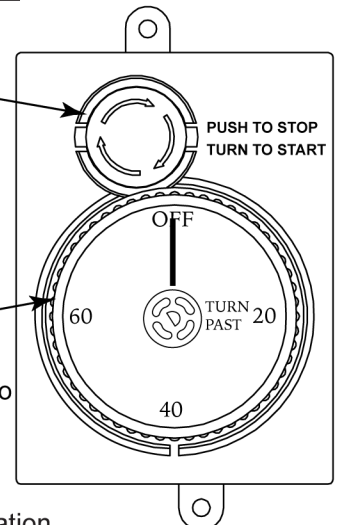


Fig. 1 E-Stop operation

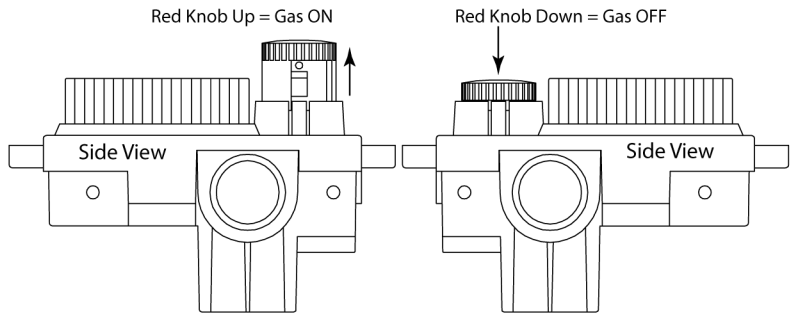


Fig. 2 E-Stop red knob positions

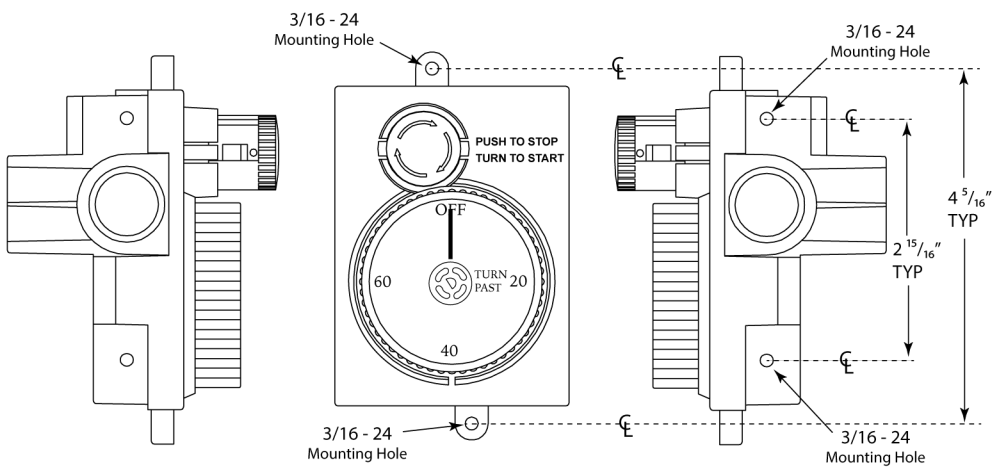


Fig. 3 E-Stop mounting hole locations

Mounting

The E-Stop has the ability to mount it from the side of the body using four (4) screws or using the tabs at the top and bottom of the body using two (2) screws. It requires 3/16 - 24 screws to secure it into position. See Fig. 3.

Installation

The E-Stop has two (2) Inlet and two (2) Outlet gas connections. The diagrams below provide possible ways to plumb the E-Stop. Two (2) 1/2" NPT plugs are provided with the E-Stop. Plug the inlet and outlet connections not being used

CAUTION: Conduct a gas leak test on the E-Stop after plumbing is complete

"A-C" Shows Top View of E-Stop

"D" Shows Front View of E-Stop

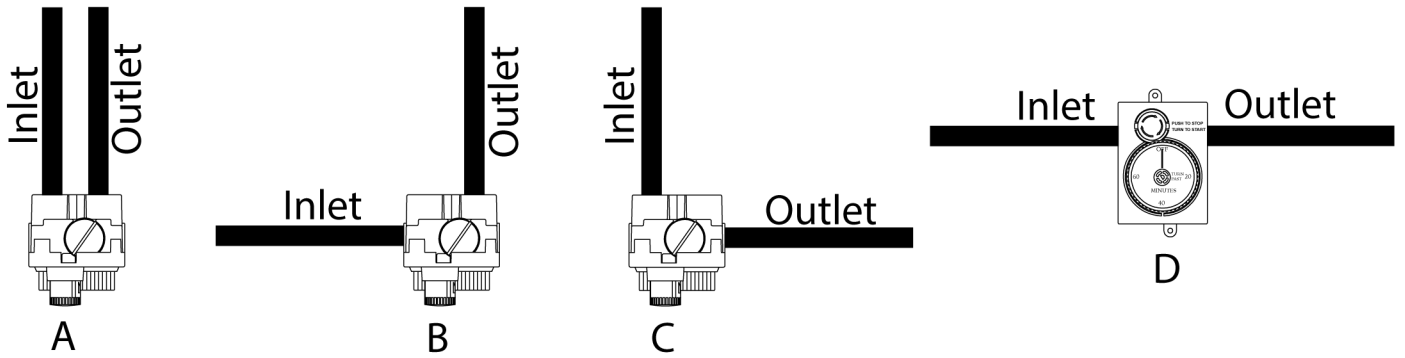


Fig. 3 Plumbing options



E-STOP GAS TIMER

Combination gas timer & emergency stop



PATENT PENDING 

FEATURES

- Unique all mechanical gas shut-off timer with built-in emergency stop - no power required
- High BTU capacity
- Safest gas timer available in the industry
- Available in 2.5 and 1 hour models

- Innovative multi-port design provides installation flexibility
- 1/2" NPT inlets and outlets (side and back)
- Six (6) mounting holes (2 front & 4 side) for secure installation
- Natural gas (NG) or Liquid Propane (LP) - no conversion necessary

SPECIFICATIONS

TYPICAL MAXIMUM CAPACITY

- Natural Gas: 290,000 BTU/hr
- Liquid Propane Gas: 430,000 BTU/hr

CSA RATED CAPACITY AT 1-INCH-H2O PRESSURE DROP

165,000 BTU/hr

TYPICAL MAXIMUM CAPACITY IS BASED ON:

- Nominal pressure supplied to inlet of E-Stop Timer while appliances are in-operation
- NG: 7.0-Inches-H2O
- LP: 11.0-Inches-H2O
- Minimum rated appliance inlet pressure
- NG: 3.5-Inches-H2O
- LP: 8.0-Inches-H2O

MODELS



ESTOP2-5H

Mechanical timer with manual emergency shut-off. 2.5 hour countdown timer.



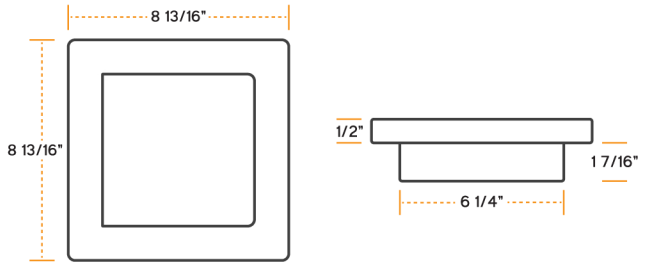
ESTOP1-0H

Mechanical timer with manual emergency shut-off. 1 hour countdown timer.

ENCLOSURES E-STOP SOLD SEPARATELY

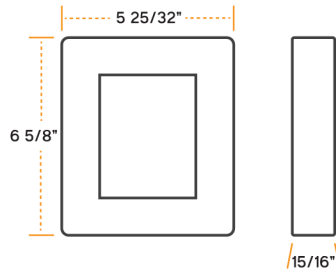
ESTOP-LC-KIT

Locking cabinet. Constructed of 304 stainless steel. Removable lock.



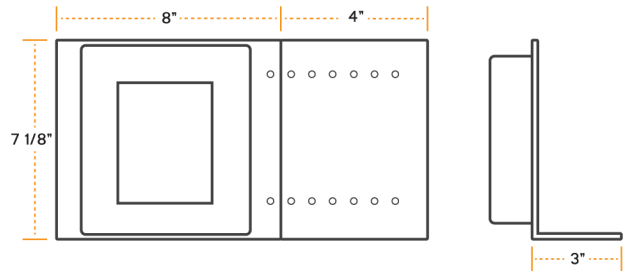
ESTOP-RM-KIT

Surface mount for the E-Stop. Constructed of 304 stainless steel.



ESTOP-CP-KIT

Designed for use with architectural block & pavers. Expands from 8" to 12" wide to accommodate various block sizes.



MOUNTING DIAGRAM

