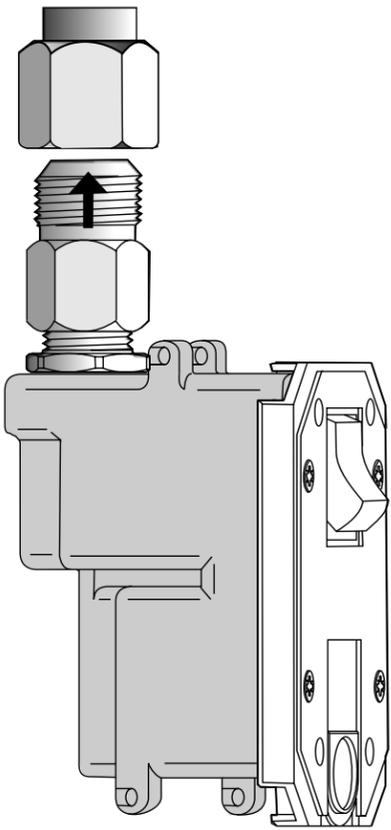


INSTALLATION INSTRUCTIONS



PLUG1 GAS OUTLET



What To Do If You Smell Gas:

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in the area.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

▲ WARNING

If these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

▲ WARNING

No attempt shall be made to convert the gas appliance from the gas specified on the rating plate for use with a different gas without consulting the installation instruction, the serving gas supplier, or the equipment manufacturer for complete instructions.

Installation Requirements:

Installation of the PLUG1 gas outlet must be performed by a qualified installer or the gas supplier. There are no serviceable parts inside. Do NOT open.

The PLUG1 must be installed and operated according to the National Fuel Gas Code, ANSI Z223.1/NFPA 54 Natural Gas and Propane Installation Code, CSAB149.1 and all local codes.

The gas plug must be connected to an approved flexible appliance connector according to ANSI Z21.54 (outdoors) or Z21.69 (indoors). Installation, inspection and replacement must be performed by a qualified installer or the gas supplier.

Only use with Natural, Manufactured, Mixed, Liquefied Petroleum or LP Gas-Air Mixture.

General Notes:

- Do not subject PLUG1 gas outlet to open fire or excessive heat. The PLUG1 is designed to operate at a maximum ambient temperature of 200°F (93°C).
- Do not expose PLUG1 to solvents, oil, dirt, grease or other chemical agents.
- Do not paint PLUG1 cover plate or any of its components. The cover plate may be cleaned with a damp cloth and a mild dish washing liquid.
- Do not subject PLUG1 to mechanical stress. Proper usage requires no excessive force.
- For performance reasons, it is highly recommended that the gas plug supplied be used with the PLUG1 gas outlet.

PLUG1 Technical Data:

- For Natural Gas and LPG
- For indoor or outdoor use
- Integrated excess flow valve (IAS U.S. 3-92), automatic reset
- Manual ON/OFF gas switch function (ANSI Z21.90)
- Pipe material: CSST, semi-rigid copper tubing, black iron pipe
- Mounting position: Gas inlet is located on the top of the PLUG1
- CSA Certified
- Integrated high temperature activated shut-off device (ANSI Z21.90)
- Inlet connection: 1/2" NPT
- Outlet connection: 3/8" NPT (plug according to ANSI Z21.90)
- Ambient temperature range: -20°F to 200°F (-28.89°C to 93.33°C)
- Maximum nominal capacity of appliance: 70,000 BTU/h (25 kW) with gas of 0.64 specific gravity at a pressure drop of 0.6 w.c. (1.5 mbar)
- Maximum pressure rating: 5 psi (345 mbar)
- Maximum test pressure: 14.5 psi (1 bar)
- Gas plug cannot be disconnected from PLUG1 with switch in the "ON" position.

Components:



PLUG1 Gas Outlet (1)



Snap-On Cover Plate (1)



1 3/4" Screws (2)



Gas Plug (1)
(hose not included)

Connecting the Gas Line:

Step 1: Remove plastic pipe protector from inlet opening. Apply pipe thread sealant or Teflon® tape to 1/2" NPT Male threads of inlet connection. Be careful not to get any sealant or tape inside of the inlet.



Step 2: Attach the PLUG1 gas inlet to the gas supply line and tighten. Only use fittings approved for concealed spaces.

NOTE: The PLUG1 must be mounted so the gas inlet is on the top of the outlet (see Figure A).

▲ WARNING

The PLUG1 will not function upside down.

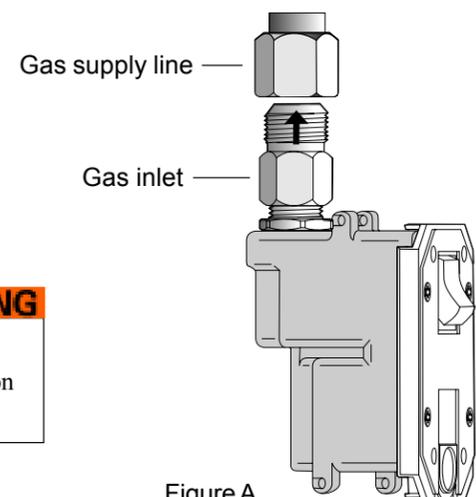


Figure A

Step 3: Leak test the connection according to NFPA 54/B149.1 and local codes. Leak test with a maximum of 14.5 psi (1 bar) air.

Step 4: When affixing the PLUG1 to a wall stud, it is important that the outlet plate protrude from the outer wall surface enough so that the cover plate can be snapped on (see Figure B).

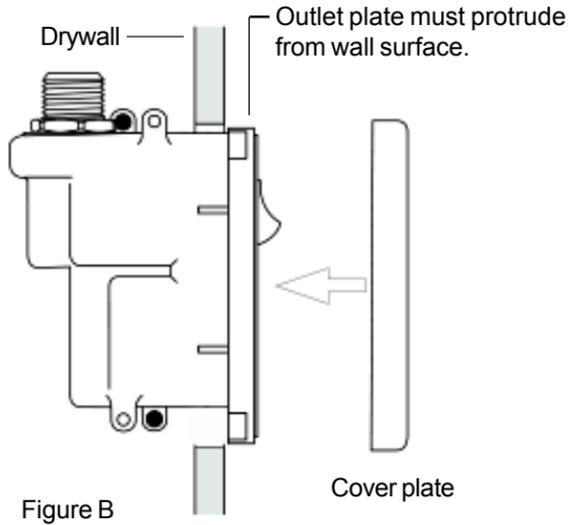
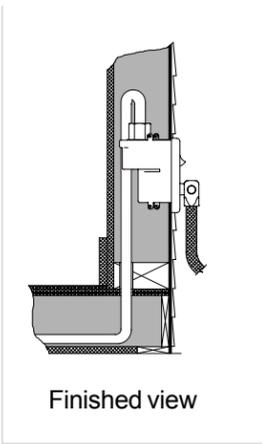


Figure B



Finished view

Step 5: Affix PLUG1 to wall stud with 1 3/4" screws inserted through screw retainers (see Figure C).

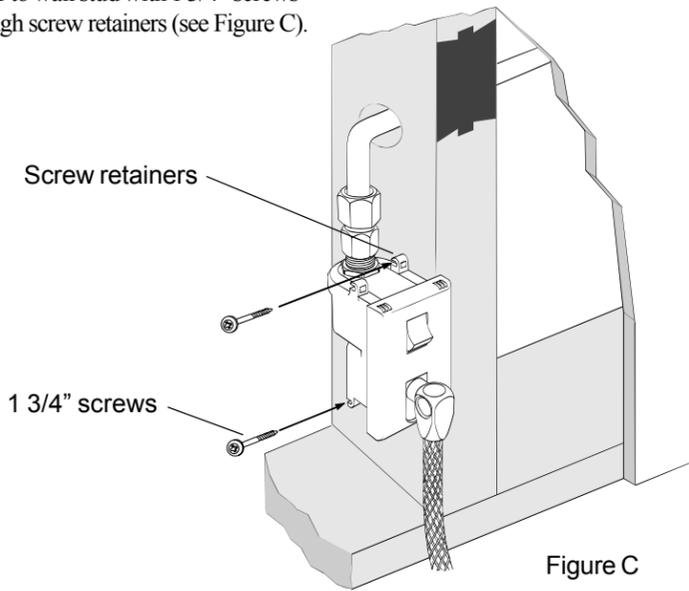
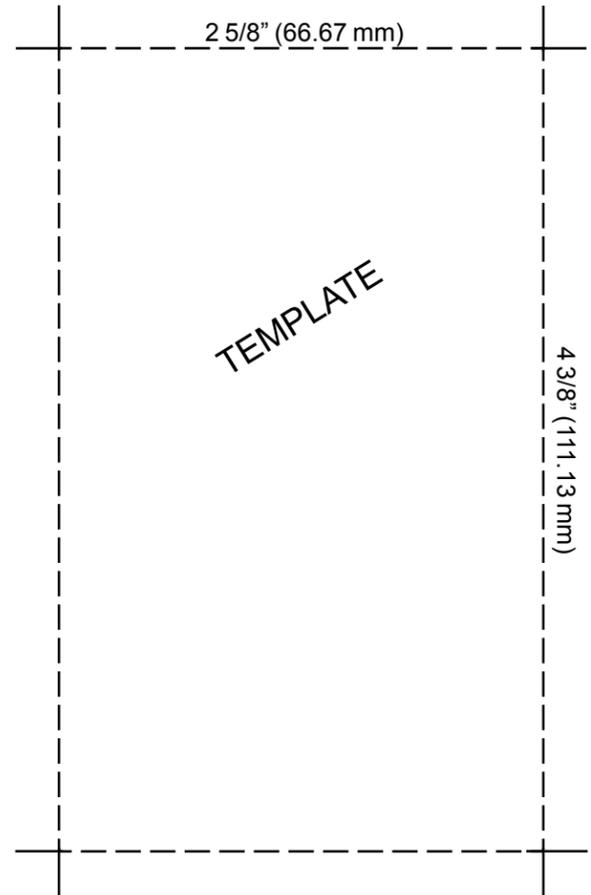


Figure C



Step 6: Use template to cut opening for PLUG1 outlet (below).



Step 7: Do NOT seal the four corner vent openings (see figure D).

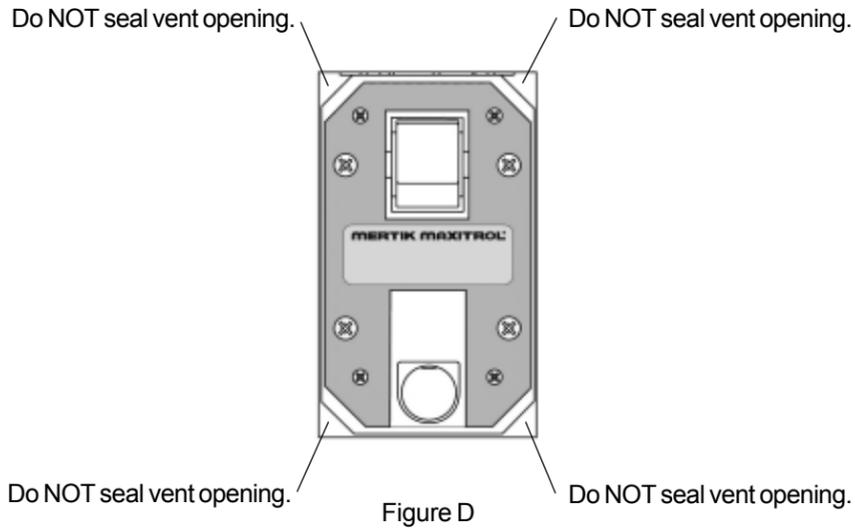


Figure D

Limited Warranty:

Disclaimers, Exclusive Remedy, and Limitation On Liability - Maxitrol warrants that its product is manufactured free from defects in materials and workmanship under normal use and specifications, and will operate as such for a period of one (1) year from the date of manufacture. This limited warranty extends only to the original purchaser. Damage and/or injury due to or resulting from its shipment, and/or use not in accordance with specifications including, but not limited to, faulty installation, adjustments, exposure to excessive pressure, temperature, debris, moisture and/or corrosive chemicals, improper application, misuse or abuse, non-specified product or part modification or the negligence of others are not covered by the warranty and are not the responsibility of Maxitrol. There are no other warranties expressed or implied.

Step 8: Remove debris protector, and snap cover plate onto gas outlet (Figure E).

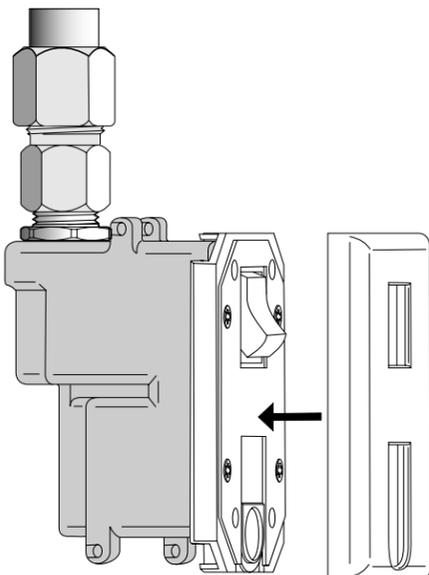


Figure E

PLUG1.MI.EN.042005

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Made in Germany

