

# NATURAL GAS SERVICE RISER AND METER SET CONNECTION

**NOTE:**

SWING JOINTS BETWEEN RISER AND METER, AND BETWEEN METER AND HOUSE.

RISER MUST BE ABLE TO MOVE UP AND DOWN WITH FROST HEAVING OR GROUND SETTLING, WITHOUT PUTTING UNDUE STRESS ON PIPING THREADS.

**NOTE:**

PIPING FROM SERVICE RISER TO OUTLET OF METER IS SUPPLIED BY AND PROPERTY OF THE GAS SERVICE PROVIDER

SERVICE REGULATOR VENT OUTLET

TRACER WIRE WRAPPED AROUND RISER

SWING JOINT

SWING JOINT

GAS LINE RUNNING INTO BUILDING

**NOTE:**

ALL PIPING FROM OUTLET OF METER ON, IS SUPPLIED BY CONTRACTOR/HOME OWNER

SERVICE RISER

**CLEARANCES**

**FOR METER SET LOCATION:**

1. A DIRECT UNOBSTRUCTED LINE FROM GAS MAIN TO GAS METER, AND
2. 1 m EITHER SIDE OF RISER.

**FROM VENT OUTLET:**

**A. THE FOLLOWING MUST BE 1 m FROM REGULATOR VENT:**

1. NON-MECHANICAL (atmospheric) AIR INTAKE,
2. APPLIANCE EXHAUST VENT FROM NON-GAS APPLIANCE, OR GAS DRYER EXHAUST VENT.
3. ELECTRICAL OUTLET, OPEN FLAME BBQ, OR
4. OTHER SOURCES OF POTENTIAL IGNITION, AND
5. ANY BUILDING OPENING, INCLUDES ALL DOORS AND WINDOWS.

**B. MUST BE 1 m EITHER SIDE, TO A HEIGHT OF 4.5 m AWAY FROM REGULATOR VENT OUTLET:**

1. AN APPLIANCE EXHAUST OUTLET. (NOTE: KEEP DIRECT VENT FURNACE AND BOILER VENTS, THAT CAN CAUSE ICE BUILD UP, AWAY FROM METER LOCATION REGARDLESS OF HEIGHT).

**C. MUST BE 3 m RADIALLY AWAY FROM VENT AND, 1 m EITHER SIDE, TO A HEIGHT OF 4.5 m ABOVE THE 3 m RADIUS:**

1. A MECHANICAL (FAN ASSISTED) AIR INTAKE.

**D. MUST BE HIGHER FROM VENT TO OVER HANG THAN DEPTH OF OVERHANG.**

NOTE: IF NECESSARY, VENT MAY BE PIPED TO A MORE SUITABLE LOCATION.

1. REMOVE THE BUG SCREEN FROM VENT OUTLET AND,
2. THREAD IN A NIPPLE AND ELBOW, TO DIRECT VENT PIPING AWAY,
3. ENSURE THAT VENT TERMINATES AT LEAST 1 FOOT ABOVE GRADE OR ABOVE AVERAGE SNOW FALL, WHICH EVER IS GREATER.
4. REMEMBER TO REINSTALL BUG SCREEN INTO A DOWN TURNED ELBOW AT THE END OF THE VENT LINE.