

# Natural gas meter, regulator and equipment exterior clearances

(Not a code substitute – see note below)

## Step 1: All housing

Items requiring 3' minimum radial clearance from a gas service regulator vent opening:

- Windows (opening part of window, not fixed part).
- Doors (glass sliding doors: opening part of door, not fixed part; garage pedestrian and overhead doors).
- Appliance air intake.
- Gas/electric clothes dryer exhaust terminations.
- All natural gas appliance vent terminations.
  - appliance vent terminals are also prohibited in the 6' wide vertical column measured 3' to the left and right of the gas service regulator vent to a height of 15'.

Items requiring greater than 3' minimum radial clearance from a gas service regulator vent opening:

- 10' minimum radial clearance required to mechanical air intake.
- To reduce collision hazards, keep meter set location 1 m (39") away from travelled portion of the driveway.
- Electrical arc producing equipment must be 1 m (39") (e.g. air conditioner condenser, outside electrical outlet, etc.).

## Step 2: Housing using side-wall vented appliances

Appliance vent termination minimum radial clearances are to be 1' for inputs up to 100,000 Btuh and 3' for inputs that exceed 100,000 Btuh:

- From building opening (windows, doors, etc.).
- From non-mechanical air supply inlet to building.
- From furnace combustion air intake (unless greater clearance is stated in manufacturer's literature).
- From fireplace combustion air intake (gas or wood).
- 1' above grade.
- 1' from top of vent terminal to the underside of a deck.
- 3' from gas service regulator vent.
- 6' from heat recovery ventilator (HRV) air intake.

## Step 3: Housing using HRVs or mechanical air intake

HRV or other mechanical intake minimum radial clearances:

- 6' gas appliance vent terminals.
- 10' gas service regulator.

### The following items do not conflict with meter placement:

- HRV exhaust
- Central vacuum exhaust
- Bathroom exhaust
- Fixed windows or fixed part of sliding glass doors
- Range hood exhaust

**Note:** This guide is intended to help raise awareness about clearance requirements. It is not a replacement for the CSA B149.1 Natural Gas and Propane Installation Code as amended for Ontario or for certified manufacturer's instructions.

Please note that if you are requesting pounds pressure, additional clearances are required. Contact your HVAC contractor for more information.

