



## MECHANICAL CODE MANUAL

MCM 805.0

04/01/03

### VENT AND VENT CONNECTORS - LENGTH, PITCH, AND CLEARANCES

The Mechanical Code, Section 224, gives the following definitions for a VENT and VENT CONNECTOR:

VENT is a listed factory-made vent pipe and vent fittings for conveying flue gases to the outside atmosphere.

VENT CONNECTOR, GAS, is that portion of a gas-venting system which connects a listed gas appliance to a gas vent and is installed within the space or area in which the appliance is located.

As a general rule, vent connectors are confined to the room or space in which the appliance is located. Section 815 allows a vent connector to pass through a nonrated wall when it meets specific requirements. However, a vent connector may never pass through a floor or ceiling.

Section 805 regulates length, pitch, and clearances of vents and vent connectors. Vent connectors may be run at a minimum slope of one-quarter (1/4) inch per foot. Gravity vents must be run in a generally vertical direction with offsets not to exceed forty-five (45) degrees from the vertical. They may have one offset which is sixty (60) degrees from the vertical.

The total horizontal run (offset) of a venting system (connector and vent) shall not be greater than seventy-five (75) percent of the vertical height of the vent termination above the highest vent collar which the vent system serves.

When venting a wall furnace, the requirements of Section 807 must be followed.

Supercedes MCM 805 (1/96).

---

Kaveh Razavi  
Chief Mechanical Inspector

KR:et

P:\BSPUB\MECHANIC\ET\MECHANICAL CODES\MCM 805.0.DOC  
05/27/03