

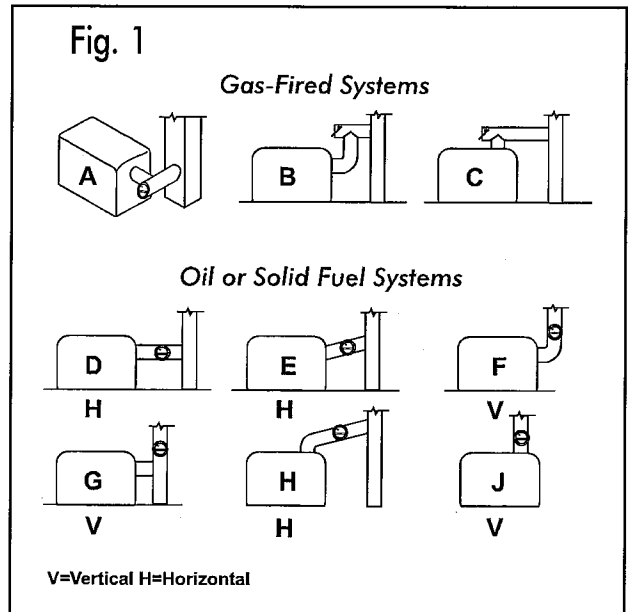
# Draft Control

## (Installation Options)

### Recommended Locations for Field Draft Controls

For gas-fired equipment, the preferred location of the control is on the bull head tee. This location provides maximum relief of downdrafts with minimum positive pressure. (See Fig. 1, Dia. A-C)

With oil or solid fuels, the bull head tee is not recommended, so locate the control as shown. (See Fig. 1, Dia. D-J) These locations are acceptable for gas units as well. Except on forced draft systems, locate the control as close as possible to the furnace or boiler, at least 12" beyond a stack switch on oil-fired units, and at least 18" from a combustible ceiling or wall.



### Multiple Appliance Location Recommendations

Commercial and industrial furnaces and boilers are frequently installed in multiples. (See Fig. 2)

Use a draft control for each boiler located on the uptake between the smoke outlet and the breaching (**location A**). When this uptake is too short to permit the installation of a control, locate a separate control for each boiler on the main breaching (**location B**). If neither of these locations is possible, use a single large

control in the breaching between the chimney and the nearest boiler (**location C**).

Where several units are vented into a common breaching, the most draft-critical should vent highest in, or be placed closest to the chimney. Incinerators should generally be placed farthest from, or vented lowest in the chimney.

