

CLEARANCES

In all buildings more than one story in height and in buildings where the roof-ceiling assembly is required to have a fire resistance rating, the vent must be enclosed in a continuous enclosure from the lowest fire-rated ceiling or floor above the appliance, through any concealed spaces, to or through the roof to maintain the integrity of the fire separations required by the applicable building code provisions. If the building is less than 4 stories in height, the enclosure shall have a fire resistance rating of not less than 1 hour. If the building is 4 stories or more in height, the enclosure shall have a fire resistance rating of not less than 2 hours. When installed in an open room where enclosure is not required, double wall vents may be located at clearance to combustibles in accordance with **Table 1**.

Table 1 – Building Heating, For Commercial Applications Only, Appliance Vent Clearances

VENT MODEL	INNER DIAMETER (ID)	OUTSIDE DIAMETER	CLEARANCE TO COMBUSTIBLES	CLEARANCE TO NON-COMBUSTIBLES
DW - 2V Type BH	8" – 16"	ID + 4	2"	0"

The above figures represent air space, in inches, to surrounding.

DW – 2V Type BH: unenclosed, 2" clearance to combustibles from the surface of the vent outer shell.

Fig. 1 – 2V Type BH Vent Clearance

