



Sizing Combustion and Dilution Air

Diam. (In.)	Sq. Inch	BTUs (vert. 2-opening method)	BTUs (horiz 2-opening method)	BTUs (1-opening method)
3	7	28,000	14,000	21,000
4	12.5	50,400	25,200	37,000
5	20	80,000	40,000	60,000
6	28	112,000	56,000	84,000
7	38.5	154,000	77,000	115,500
8	50.3	201,200	100,600	150,900
9	63.6	254,400	127,200	190,800
10	78.5	314,000	154,000	235,500
11	95.0334	380,000	190,000	285,800
12	113.098	454,000	226,200	339,300
13	132.733	530,800	265,600	398,100
14	153.938	615,760	307,880	461,820
15	176.715	706,880	353,440	530,160
16	201.062	806,000	402,200	603,180
17	226.981	907,920	453,960	680,970
18	254.470	1,017,880	490,940	763,410
19	283.529	1,134,000	567,058	850,590
20	314.016	1,256,640	628,320	942,480

Vertical and horizontal 2-opening methods regulate the dilution air to be within 12" of the ceiling and the combustion air within 12" of the floor of the closet.

The one opening method requires the opening to be within 12" of the ceiling and the appliance must have 1" clearance on sides and back, and 6" in front.