

## Ember Burner (EB) and H-Burner (HB)

### FIREPLACE SIZES

Each gas log set requires a minimum 18-inch front opening height and minimum 14.75-inch depth. To determine the largest set that will fit in a fireplace, the width at the center of the fireplace is the critical dimension. Table I below indicates the minimum center width for each size set.

Set Size	Minimum Center Width	Minimum Front Opening Width	Minimum Depth	Minimum Height
15	17"	19"	14.75"	18"
18	20"	22"	14.75"	18"
24	25"	27"	14.75"	18"
30	31"	33"	14.75"	18"
36	38"	40"	14.75"	18"

### TABLE II FACTORY BUILT FIREPLACES

Free Opening Area of Chimney Damper for Venting Combustion Products from Decorative Appliances for Installation in Solid Fuel Burning Fireplaces

MINIMUM PERMANENT FREE OPENING, SQUARE INCHES (FLUE DIAMETER, INCHES)						
CHIMNEY HEIGHT (FEET)	18" SET NG	18" SET LP	24" SET NG	24" SET LP	30" SET NG	30" SET LP
10	28.3 (6")	22.1 (6")	35.3 (7")	28.3 (7")	44.2 (8")	44.2 (8")
15	21.2 (6")	17.3 (5")	26.4 (6")	21.2 (6")	32.2 (7")	32.2 (7")
20	18.1 (5")	14.5 (5")	22.1 (6")	18.1 (5")	26.4 (6")	26.4 (6")
25	15.9 (5")	12.6 (5")	18.1 (5")	15.9 (5")	22.9 (6")	22.9 (6")
30	14.5 (5")	11.3 (4")	17.3 (5")	14.5 (5")	20.4 (6")	20.4 (6")
35	13.2 (5")	10.8 (4")	15.9 (5")	13.2 (5")	18.9 (5")	18.9 (5")
40	12.6 (5")	10.2 (4")	15.2 (5")	12.6 (5")	18.1 (5")	18.1 (5")

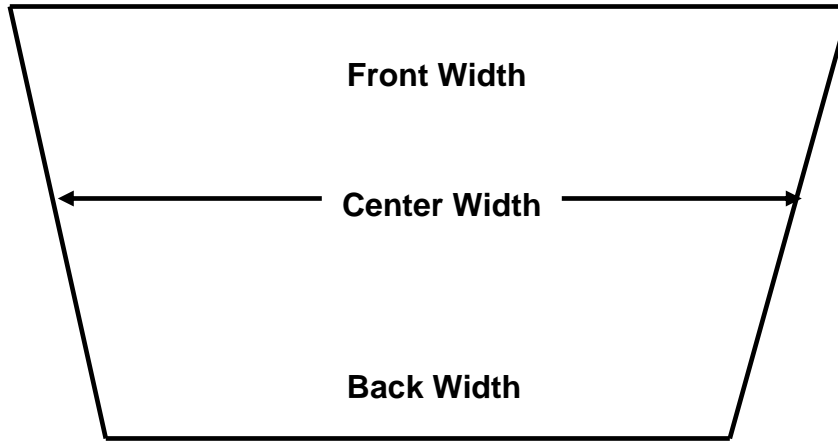
### TABLE III MASONRY BUILT FIREPLACES

Free Opening Area of Chimney Damper for Venting Combustion Products from Decorative Appliances for Installation in Solid Fuel Burning Fireplaces

MINIMUM PERMANENT FREE OPENING, SQUARE INCHES						
CHIMNEY HEIGHT (FEET)	18" SET NG	18" SET LP	24" SET NG	24" SET LP	30" SET NG	30" SET LP
6	41.7	33.8	49.2	41.7	56.6	56.6
8	38.7	31.2	45.5	38.7	52.4	52.4
10	35.2	28.7	41.7	35.2	48.2	48.2
15	32.0	26.1	37.7	32.0	43.2	43.2
20	28.8	23.7	34.3	28.8	39.8	39.8
30	26.5	21.6	31.2	26.5	35.9	35.9

## System 4 Propane Cool Mount Burner Fireplace Sizes

Each gas log set requires a minimum 16-inch front opening height and minimum 16-inch depth. To determine the largest set that will fit in a fireplace, the width at the center of the fireplace is the critical dimension. Table I below indicates the minimum center width for each size set.



\*View is looking down on the fireplace floor. To determine center width, add front width and back width and divide by 2.

<u>Set Size</u>	<u>Minimum Center Width</u>	<u>Minimum Front Opening Width</u>	<u>Minimum Depth</u>	<u>Minimum Height</u>
18"-21"	28"	30"	16"	16"
24"	32"	36"	16"	16"
30"	37"	42"	16"	16"

**TABLE II**

Free opening area of chimney damper for venting combustion products from decorative appliances for installation in vented fireplaces. Minimum size of chimney flue is 8" diameter.

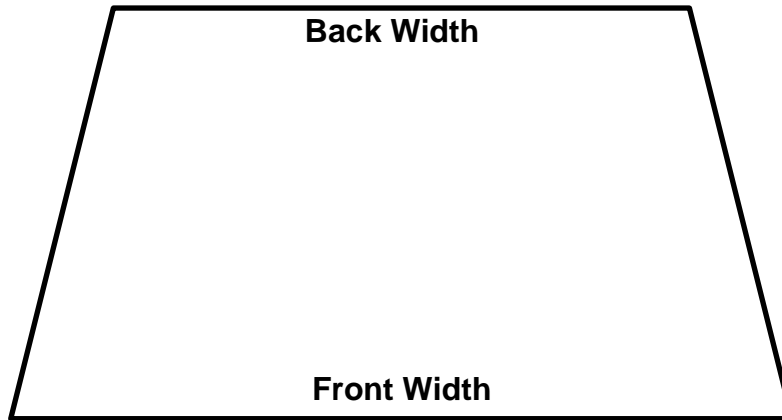
### Minimum Permanent Free Opening, Square Inches

Chimney Height, Feet	29	39	51	64
	Appliance Input Rating, Btu Per Hour (w)			
6	34,000	46,400	62,400	80,000
8	37,000	50,400	68,000	86,000
10	40,400	55,800	74,400	96,400
15	44,600	62,400	84,000	108,800
25	50,400	68,400	94,000	122,200
30	55,200	76,800	105,800	138,600

# Hidden Control Burner (HC) (1T)

## SPECIFICATIONS AND DIMENSIONS

Each gas log set requires a minimum 18-inch front opening height and minimum 14-inch depth. To determine the largest set that will fit in a fireplace, the width at the front of the fireplace is the critical dimension. Table I below indicates the minimum front width for each size set.



<u>SET SIZE</u>	<u>MINIMUM FRONT WIDTH</u>	<u>MINIMUM DEPTH</u>	<u>MINIMUM HEIGHT</u>	<u>BTU(NG)</u>	<u>BTU(LP)</u>
18"	30"	14"	18"	70,000	55,000
24"	36"	14"	18"	80,000	65,000
30"	42"	14"	18"	90,000	75,000
36"	48"	14"	18"	100,000	85,000

**TABLE II**

Free opening area of chimney damper for venting combustion products from decorative appliances for installation in vented fireplaces. Minimum size of chimney flue is 8" diameter.

### Minimum Permanent Free Opening, Square Inches

Chimney Height, Feet	29	39	51	64
	Appliance Input Rating, Btu Per Hour (w)			
6	34,000	46,400	62,400	80,000
8	37,000	50,400	68,000	86,000
10	40,400	55,800	74,400	96,400
15	44,600	62,400	84,000	108,800
25	50,400	68,400	94,000	122,200
30	55,200	76,800	105,800	138,600