

## 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.

<b>TABLE I</b>				
<b>Set Size</b>	<b>Minimum Center Width</b>	<b>Minimum Front Opening Width</b>	<b>Minimum Depth</b>	<b>Minimum Height</b>
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

<b>MINIMUM PERMANENT FREE OPENING, SQUARE INCHES (FLUE DIAMETER, INCHES)</b>						
<b>CHIMNEY HEIGHT (FEET)</b>	<b>18" SET NG</b>	<b>18" SET LP</b>	<b>24" SET NG</b>	<b>24" SET LP</b>	<b>30" SET NG</b>	<b>30" SET LP</b>
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

<b>MINIMUM PERMANENT FREE OPENING, SQUARE INCHES</b>						
<b>CHIMNEY HEIGHT (FEET)</b>	<b>18" SET NG</b>	<b>18" SET LP</b>	<b>24" SET NG</b>	<b>24" SET LP</b>	<b>30" SET NG</b>	<b>30" SET LP</b>
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