

Steps for construction:

1) Determine the height you want the Fire Box Floor off Finished grade. The legs #1 provided with the kit are 18" tall and put the Fire Box approx. 24" off of the finished grade. If that height is not desired, discard legs and build base out of concrete blocks.

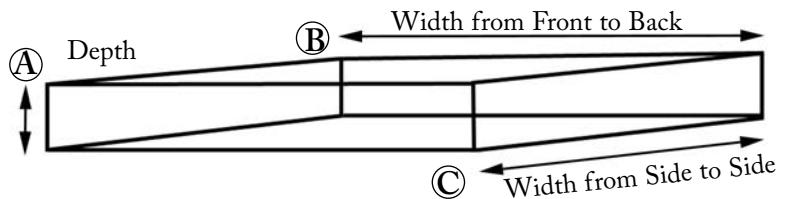
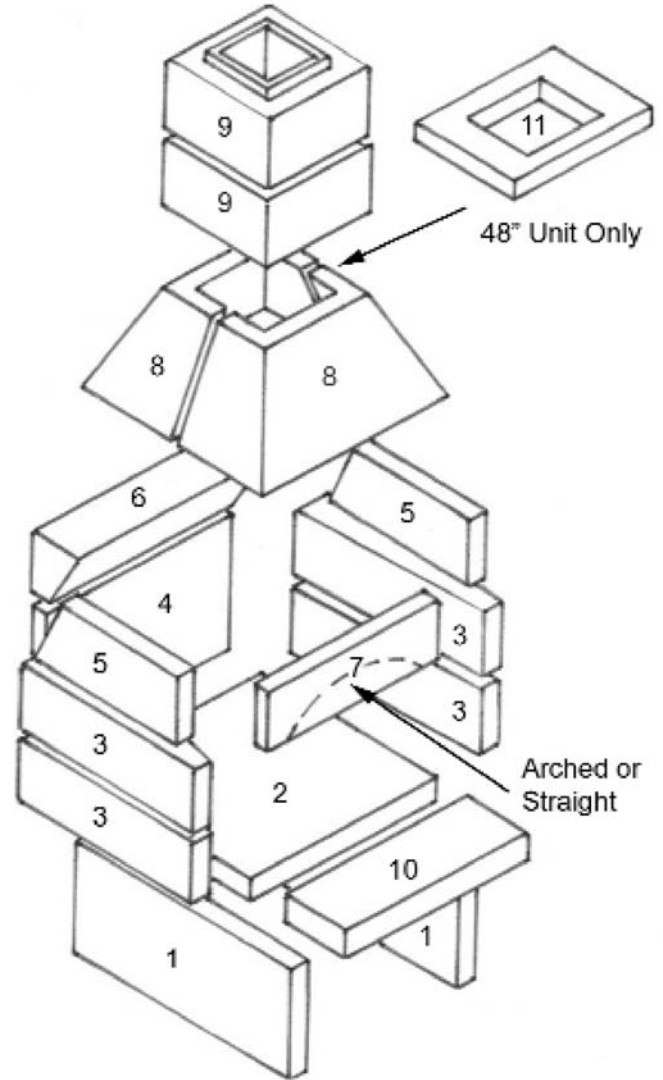
2) Once the base is level and sq. set the baseplate #2. level it front to back and side to side. Then install pieces #3-#5 in order shown in the picture. Keep each piece level and plumb.

3) It is the easiest to install the Firebrick inside the Firebox AFTER piece #6 and before piece #7. Line the floor, then the back and then sides. Apply 1/4" thick layer cement to the back of brick and 1/4" mortar joint around the brick.

(NOTE: add extra cement to mixture when applying brick and add water to thin down mixture. You want your cement richer and wetter when applying Firebrick.)

4) Continue installation of pieces #7 thru #9. (Note: 48" units require #11 throat adapter, which mounts atop #8). When completed install hearth piece #10, if desired. You are now ready for exterior.

5) Unit should not be fired for 21 days after completion, to allow full curing of mortar.



	24"	36"	48"
#1 Legs	18"t x 40"d	18"t x 40"d	18"t x 40"d
#2 Baseplate	34"w x 33"d	46"w x 33"d	58"w x 33"d
#3 Sidewall	11"t x 33"d	11"t x 33"d	11"t x 33"d
#4 Backplate	22½"t x 28"w	22½"t x 40"w	22½"t x 52"w
#5 Slanted side	11"t x 26"d	11"t x 26"d	11"t x 26"d
#6 Back Header	11"t x 34"w	11"t x 46"w	11"t x 58"w
#7 Front Header	11"t x 34"w	11"t x 46"w	11"t x 58"w
#8 Throat	19"Sq.at top x16"t	23"Sq.at top x16"t	23"d x 30"w x 16"t
#9 Flue	19"Sq.x 12"t	23"Sq.x 12"t	23"Sq.x 12"t
#10 Hearth	11"d x5"t x 34"w	11"d x 5"t x 46"w	11"d x 5"t x 58"w
#11 Throat Adapter	N/A	N/A	23"d x 30"w x 4"t
Outside Dimensions	Legs - 40"d Firebox - 33"d Side to Side- 34"w	Legs - 40"d Firebox - 33"d Side to Side- 46"w	Legs - 40"d Firebox - 33"d Side to Side- 58"w
Firebox Opening Height	All Sizes	Arched: 27"t	Straight:23"t
Overall Height	7' 11" t	7' 11" t	8' 3" t
Overall Weight	2300 lbs.	2800 lbs.	3100 lbs.
Abbreviations	t=tall, sq=square	d=depth - w=width -	from front to back from side to side

Minimum Requirement for Foundation		24"	36"	48"
Fabricated Stone Stucco, Stain or Tile	A	4" - 6"	6" - 8"	8" - 10"
	B	48"	48"	48"
	C	40"	52"	64"
Natural Stone or Brick	A	8" - 12"	12" - 18"	18" - 24"
	B	54"	54"	54"
	C	46"	58"	70"

Finishing Specifications:

24" - 75 SF of surface, including 32 LF of corners.
 36" - 100 SF of surface, including 32 LF of corners.
 48" - 125 SF of surface, including 32 LF of corners.