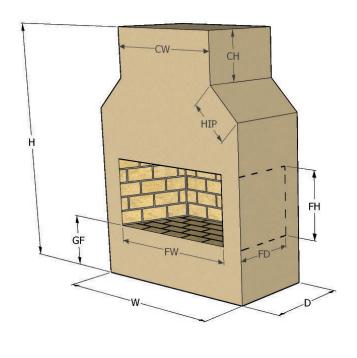


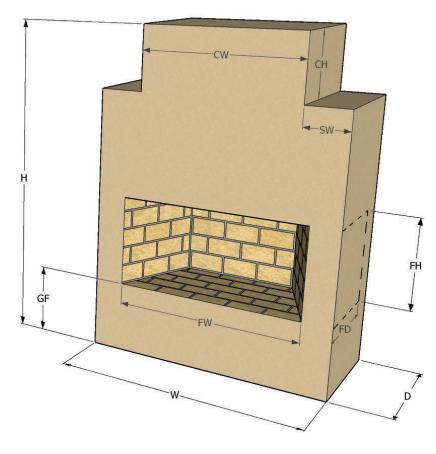
# **FIREPLACE**

**Technical Spec Sheet** 

### **HIPPED**

## **SQUARED**





	FIREPLACES													
Key	Etta	Bonnie	Ора	Pokeeto	Mini	Poco	Mezzo	Largo	Pokeeto XD	Mini XD	Poco XD	Mezzo XD	Largo XD	
Н	88	104	119	84	84	88	104	119	84	109	119	119	119	
W	48 ½	55 ½	63 1/2	30 ½	39 1/2	48 1/2	55 ½	63 1/2	30 ½	39 1/2	48 1/2	55 ½	63 1/2	
D	30 ½	30 ½	30 ½	30 ½	30 ½	30 ½	30 ½	30 ½	42 1/2	42 1/2	42 1/2	42 1/2	42 1/2	
FH	24	24	24	15	20 ½	24	24	24	15	20 ½	24	24	24	
FW	26	33	42	18	24 1/2	34	40	48	18	24 1/2	34	40	48	
FD	23	23	23	23	23	23	23	23	35	35	35	35	35	
GF	19	19	19	19	19	19	19	19	19	19	19	19	19	
CH	40	50	60	36	36	40	50	60	12	32	37	37	37	
CW	25	32	40	12	19 ½	25	32	40	12	19 ½	25	32	40	
HIP	16	16	16	12 3/4	13 3/4	16	16	16	12 3/4	13 ¾	16	16	16	
SH (HIP)	48	54	60	48	48	48	54	60	66	66	71	71	71	
SH (SQR)	48	54	60	48	48	48	54	60	72	77	83	83	83	
SW	11 ½	11 ½	12 ½	9	9 3/4	11 ½	11 ½	12 ½	9	9 3/4	11 ½	11 ½	11 ½	
						FIRE	PLACES							
	Etta	Bonnie	Ора	Pokeeto	Mini	Poco	Mezzo	Largo	Pokeeto XD	Mini XD	Poco XD	Mezzo XD	Largo XD	
Area Face	85 SF	110 SF	136 SF	47 SF	70 SF	85 SF	110 SF	136 SF	74 SF	96 SF	117 SF	129 SF	142 SF	
Corners	29 LF	35 LF	40 LF	28 LF	28 LF	29 LF	35 LF	40 LF	40 LF	36 LF	40 LF	40 LF	40 LF	
Weight	1200 LBS	1500 LBS	2000 LBS	300 LBS	700 LBS	1000 LBS	1200 LBS	1700 LBS	1100 LBS	1300 LBS	1600 LBS	1800 LBS	2100 LBS	
							ADD-ONS							
Add a:	Face	Corners												
Hearth	+2 SF													
30" Wood Bo	x +15 SF	+3 LF												
36" Wood Bo		+3 LF												
42" Wood Bo		+3 LF												
48" Wood Bo	x +24 SF	+3 LF												
						STANDA	RD HEAR	TH						
	Fireplace													
Height	16"													
Depth	10"													

## **FIREPLACE**

#### **Material Specs**

The fireplace is constructed of 18 gage galvanized U-channel frame (3551A-G70 and 3551A-G10) with top and bottom plates. The steel is fastened with Philips #2 Zinc Plated Wafer Head Self Drilling Screw. Steel studs are spaced between 12" and 16" on center throughout each wall frame. The firebox is structurally supported by a plinth made of 18 gage galvanized u-channel framing and ½" thick high density structural magnesium oxide board; class A1 fire rated CE-EN12467 & EN13501; ½" x 48" x 96" as a backer board behind the firebrick. Buff Fire Brick, manufactured to meet ASTM C 27 (Low Duty) and C 1261. Full firebrick is laid on the floor of the firebox and split firebrick are laid on the walls of the firebox. The grout between the joints is refractory mix #50 Gray, FXC240, high-strength, polymer-proprietary additive enhanced, lightweight dry cement mix. The hood inside the firebox is made from 18 gage G70 galvanized sheet metal.

The firebox exhausts to the chimney through a transitional smoke chamber made of 18 gage galvanized steel. The smoke chamber exhausts through a double-wall flue liner up to 14" inside diameter depending on the overall height. All double-wall flue liners have 2" clearance to combustibles. The double-wall pipe is topped by a spark arrester/ chimney cap.

Brick Oven is insulated with Roxul ComfortBatt mineral wool insulation.

The exterior of the fireplace is covered with a ½" magnesium oxide board and wrapped with fiberglass reinforcement, then scratch-coated with ½" to ¾" mix of 2-parts Type M mortar to 3-parts mason sand.

Round Grove Products recommends the chimney terminates at least 24" higher than any structure within a 10' radius.

Every site has different soil conditions. As a general rule of thumb, Round Grove Products recommends setting our fireplaces and brick ovens on a minimum 6" slab. Some conditions may require Sonotube piers on the four corners; other conditions may require a deeper footer depending on frost line or the weight of finish overlay.

Municipal codes may vary and Round Grove Products is not liable for compliance to local building code ordinances. Check with your local building code authority before beginning your project.