

# TRAVIS INDUSTRIES WOOD PRODUCTS

---



Wood Line-Up by Brand

Wood As Fuel

Emissions

Wood Venting

Wood Stove Placement

Wood Accessories

Wood Maintenance

# TRAVIS INDUSTRIES WOOD PRODUCTS

---



## AVALON

- Spokane 1250
- Spokane 1750
- Pendleton Wood Stove
- Rainier Wood Stove
- Olympic Wood Stove
- Arbor Cast Wood Stove
- Pendleton Wood Insert
- Perfect Fit Wood Insert
- Rainier Wood Insert
- Olympic Wood Insert

## Lopi

- Republic 1250
- Republic 1750
- Answer Wood Stove
- Liberty Wood Stove
- Leyden Cast Wood Stove
- Answer Wood Insert
- Endeavor Wood Stove
- Revere Wood Insert
- Declaration Wood Insert
- Freedom Wood Insert
- Freedom Bay Wood Insert

## FPX

- 33 Elite Wood Insert
- 36 Elite Wood Fireplace
- 44 Elite Wood Fireplace

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Avalon Wood Burning Stoves SPOKANE

### Model 1250

Height - Legs 26 1/2"      Height - Pedestal 29 3/4"  
Width - 23 5/8"      Depth - 14 5/8"  
Flue Center From Back - 4 1/8"

EPA Emissions 4.4 Grams/Hr.	Efficiency Up To 79.6 %	Maximum Btu's/Hour** 66,800	Firebox Size 1.6 Cu. Ft.
Heating Capacity* 600 to	Maximum Burn Time** Up to 8 Hours	Maximum Log Length Up to 18 inches	Weight 243 Lbs.

### Model 1750

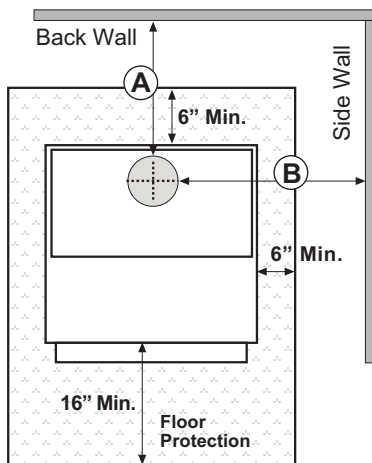
Height - Legs 26 1/2"      Height - Pedestal 30 5/8"  
Width - 24"      Depth - 23 1/2"  
Flue Center From Back - 5 3/4"

EPA Emissions 1.9 Grams/Hr.	Efficiency Up To 79.6 %	Maximum Btu's/Hour** 72,400	Firebox Size 2.2 Cu. Ft.
Heating Capacity* 1,200 to	Maximum Burn Time** Up to 10 Hours	Maximum Log Length Up to 18 inches	Weight 430 Lbs.

\* Heating Capacity may vary depending on the degree of home insulation, floor plan, ambient temperature zone of the area in which you live.

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.

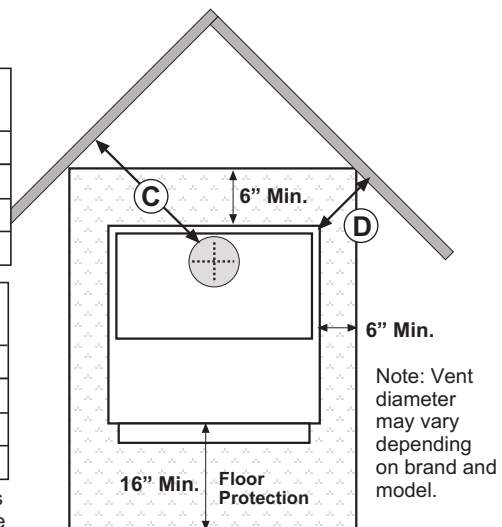
### Clearances To Combustibles



Model 1250	Single Wall Connector	Double Wall Connector
A =	19 1/4"	11 1/4"
B =	27"	26 1/2"
C =	17 3/4"	17 1/4"
D =	10"	10"

Model 1750	Single Wall Connector	Double Wall Connector
A =	15"	4 1/4"
B =	15"	13"
C =	24"	15"
D =	15"	6 1/2"

Measure rear and side clearances (A) (B) & (C) from edge of the stove flue. Measure corner clearance (D) from the top corner of stove.



Note: Vent diameter may vary depending on brand and model.

Measure front, rear and side Hearth Pad clearances from edges of the stove top. Floor protection must be non-combustible and at least .018" thick (26 gauge). Minimum Hearth Pad Sizes: **Model 1250** - 36" Wide x 37" Depth **Model 1750** - 36" Wide x 45 1/2" Depth  
For all installation and clearance information please consult the Owner's Manual or visit [www.avalonfirestyles.com](http://www.avalonfirestyles.com).

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Avalon Wood Burning Stoves

	PENDLETON		RAINIER		OLYMPIC
Emissions:	3.0 gr/hr		2.0 gr/hr		2.6 gr/hr
Heating Capacity:	600 to 1,200 sq. ft.		800 to 1,800 sq. ft.		1,500 to 2,500 sq.
Heat Output* (cord wood):	64,200 btu's/hr		71,800 btu's/hr		74,300 btu's/hr
Efficiency:	68%		71.7%		70%
Maximum Burn Times:	Up to 8 hours		Up to 9 hours		Up to 12 hours
Maximum Log Size:	Up to 17"		Up to 20"		Up to 24"
Fuel Capacity:	16 lbs.		22 lbs.		36 lbs.
	90° Flue	45° Flue	90° Flue	45° Flue	90° Flue
Width:	23 3/4"	23 3/4"	25 3/4"	25 3/4"	29 3/8"
Height (All Legs):	28 5/8"	27 7/8"	29 3/4"	29"	30"
Height (Pedestal):	32 1/8"	31 3/8"	33	32 3/8"	33
Depth:	16 3/8"	16	19 3/8"	19 3/8"	20 1/2"
Flue Diameter:	6"	6"	6"	6"	6"
Weight:	285	260	345	305	465
Steel Thickness: Top:	1/4"	1/4"	1/4"	1/4"	5/16"
Steel Thickness: Unibody:	3/16"	3/16"	3/16"	3/16"	3/16"
Firebox Capacity:	1.3 cu. ft.	1.3 cu. ft.	1.8 cu. ft.	1.8 cu. ft.	3.1 cu. ft.

\* Includes flue collar

**CLEARANCES TO COMBUSTIBLES** Diagrams at bottom of page. Complete installation information is available at your local Avalon dealer or at [www.avalonfirestyle.com](http://www.avalonfirestyle.com)

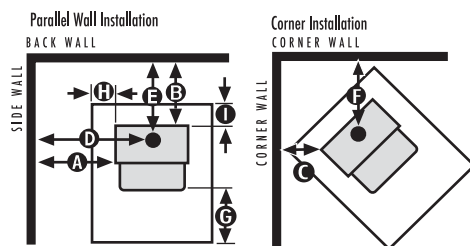
	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe
A = Stove to Side Wall	10"	11"	10"	11"	14"	14"	14"	16"
B = Stove to Back Wall	16 1/2"	8 1/2"	19 1/2"	13"	14 1/2"	9 1/2"	17 1/2"	14"
C = Stove to Corner Wall	9 1/2"	7 1/2"	9 1/2"	7 1/2"	11"	7 1/2"	11"	7 1/2"
D = Pipe to Side Wall	19"	19 1/2"	19"	19 1/2"	24"	23 1/2"	24"	25 1/2"
E = Pipe to Back Wall	17 1/4"	8 3/4"	17 1/2"	9"	15 3/4"	10 1/4"	15 1/2"	10"
F = Pipe to Corner Wall	17 1/2"	15"	16"	11"	20"	16"	16 1/2"	12"

### HEARTH PROTECTION

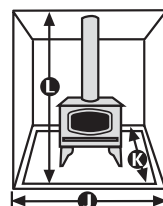
G = Stove Front	16"	16"	16"	16"	16"
H = Stove Sides	6"	6"	6"	6"	6"
I = Stove Back	6"	6"	6"	6"	6"

### ALCOVE

J = Minimum Width	45 3/4"	45 3/4"	53 3/4"	57 3/4"	61 3/8"
K = Maximum Depth	48"	48"	48"	48"	48"
L = Maximum Height	84"	84"	84"	84"	84"



### Alcove Installation



### Approved Double Wall Connectors/Chimney

Components required for mobile home, alcove and reduced clearance residential installations.

DURA VENT™ Model DVL with DURA-PLUS™ chimney  
SECURITY™ Model DP with SECURITY™ Model ASHT or S2100  
AMERIT-EC™ Model DCC with Model HS chimney  
METAL-FAB™ Model DW with Model TG

In addition to the chimney systems above, the model Pendleton & Rainier can utilize the following chimneys.

OLIVER MacLEOD™ Provent Model PV with Model 3103 chimney  
SELKIRK METALBESTOS™ Model DS with Model SSII chimney  
GS W-JAKES EVANS™ Super pipe 2100

NOTE: Clearances for double wall pipe will vary depending on type and brand of connector used, please maintain all stove clearances.

The clearances on this page are for reference only, refer to the Owner's Manual for exact specifications prior to installation.  
HEATING CAPACITY: May vary depending on the degree of home insulation, floor plan, and ambient temperature zone of the area in which you live.  
BTU OUTPUT & BURN TIME: May vary depending on woodstove size, moisture content of wood, wood type, chimney draft and oxygen supply.



# TRAVIS INDUSTRIES WOOD PRODUCTS



## Avalon Wood Burning Stoves ARBOR

EPA Emissions	Overall Efficiency	Maximum Btu's/Hour**	Firebox Size	Heating Capacity*	Maximum Burn Time**	Maximum Log Length	Wood Capacity	Weight
2.4 Grams/Hr.		73,100	2.3 Cu.	Up to 2,000 Sq.	Up to 12 to 18		45-65	375

\* Heating Capacity may vary depending on the degree of home insulation, floor plan, ambient temperature zone of the area in which you live.

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.

### Dimensions

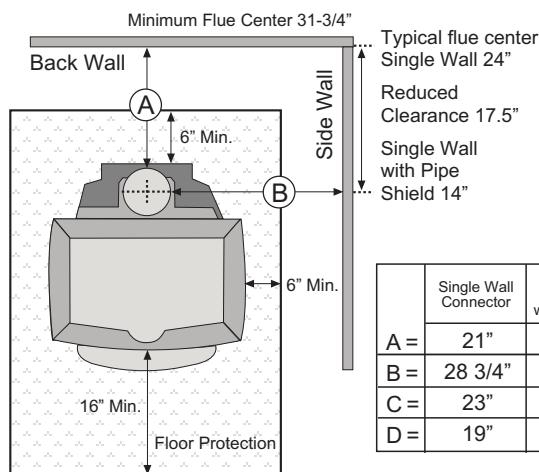
27 1/4" WIDE  
22 7/8" DEEP  
27 3/4" HEIGHT  
25 1/4" HEIGHT TO FLUE CENTER (REAR VENT)  
2 5/8" DEPTH TO FLUE CENTER FROM BACK (TOP VENT)

### Alcove Clearances

Maximum Depth 48" Measured From Combustible Surfaces  
Maximum Width 63 1/4"  
Minimum Height 84"

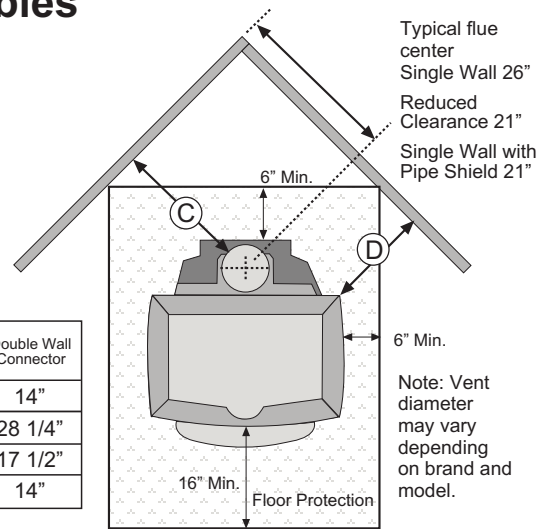
### Close Clearances To Combustibles

(Rear heat shield is a standard feature)



Measure front clearances from the face of the stove (door opening).

Measure rear and side clearances from the nearest edge of the stove top.



Measure rear and side clearances from the nearest edge of the stove top.

Measure front clearances from the face of the stove (door opening).

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Avalon Wood Burning Inserts

	PENDLETON		RAINIER		PERFECT-FIT	OLYMPIC
	For smaller homes and for zonal heating needs.		For mid-sized homes and for zonal heating needs. 45° Flue or 90° Flue		Flush wood insert for mid-sized homes and for zonal heating needs.	For larger homes and those who need a primary heat.
Heating Capacity*:	600 to 1,200 SQ. FT.		800 to 1,800 SQ. FT.		1,200 to 2,000 SQ. FT.	1,500 to 2,500 SQ. FT.
Heat Output:	64,200 BTU's/HR		71,800 BTU's/HR		73,300 BTU's/HR	74,300 BTU's/HR
Overall Efficiency*:	68%		71.7%		71.7%	70%
Max. Burn Time:	Up to 8 Hours		Up to 9 Hours		Up to 12 Hours	Up to 12 Hours
Max. Log Size:	Up to 17"		Up to 20"		Up to 24"	Up to 24"
Fuel Capacity:	16 Lbs. of Wood		22 Lbs. of Wood		22 Lbs. of Wood	24 Lbs. of Wood
	285 Lbs.		345 Lbs.		450 Lbs.	465 Lbs.
	1.3 Cu. In.		1.8 Cu. In.		2.9 Cu. In.	3.1 Cu. In.
	6"		6"		6"	6"
	45° Flue	90° Flue	45° Flue	90° Flue	90° Flue	90° Flue
Height:	20"	20 3/4"	21 1/8"	21 7/8"	21 1/2"	22 1/8"
Width in Front:	23 3/4"	23 3/4"	25 3/4"	25 3/4"	28 7/8"	29 3/8"
Width in Back:	23 3/4"	23 3/4"	25 3/4"	25 3/4"	21 1/4"	29 3/8"
Overall Depth:	16 1/8"	16 3/8"	19 3/8"	19 3/8"	21 3/4"	20 1/2"
Depth on Hearth:	4 3/4"	4 7/8"	10"	5 1/8"	1 1/4"	6 3/8" FL 8 7/8" EXT
	11 3/8"	11 5/8" Masonry 12 5/8" ZC	9 1/2" Masonry 10 1/2"	14 1/2" Masonry 15"	20 1/2"	

\* Wood appliance performance can be affected by negative pressure in the home and by prevailing atmospheric conditions. Contact local building or fire officials about restrictions and installation requirements in your area.

### SURROUND FACING Select the panels to enclose your fireplace opening. Measurements

OUTSIDE FIT PANELS - Designed to fit over the existing fireplace opening.

Comes standard with black trim.

8" x 8"	39 3/4" W x 28" H	41 3/4" W x 28 7/8" H	45 1/2" W x 29 1/2" H	45 1/4" W x 28 7/8" H
Panels: 10"	43 3/4" W x 30" H	45 3/4" W x 30 7/8" H	49 1/2" W x 31 1/2" H	49 1/4" W x 30 7/8" H
x 10" Panels:	47 3/4" W x 32" H	49 3/4" W x 32 7/8" H	53 1/2" W x 33 1/2" H	53 1/4" W x 32 7/8" H

INSIDE FIT PANELS - All Avalon panels sets can be cut down for a custom fit to the inside edges of your existing fireplace opening. It is the least obtrusive panel system and showcases your Avalon insert.

**CLEARANCES TO COMBUSTIBLES** Complete installation information is available at your local Avalon dealer or on our website at [www.avalonstyle.com](http://www.avalonstyle.com)

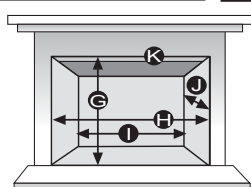
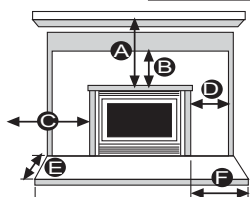
website at [www.levantstone.com](http://www.levantstone.com)

	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace
A = To Mantle	22"	24"	22"	24"	31 1/2"	24"	31 1/2"	24"	41 1/2" (Measured From Floor) N/A	Metal (ZC) Fireplace Flush	Metal (ZC) Fireplace Extended	32"	33"	
A = To Mantle w/Shield*	16 1/2"	N/A	16 1/2"	N/A	16 1/2"	N/A	16 1/2"	N/A				19"	20"	
B = To Top Facing	20"	12"	20"	12"	29 1/2"	12"	29 1/2"	12"				30"	31"	
B = To Top Facing w/Shield*	14 1/2"	N/A	14 1/2"	N/A	14 1/2"	N/A	14 1/2"	N/A				17"	18"	
C = To Sidewall	10"	30"	10"	30"	14"	30"	14"	30"	39" (Measured From Floor) N/A	Metal (ZC) Fireplace Flush	Metal (ZC) Fireplace Extended	15"	15"	
	9"	12"	9"	12"	13"	12"	13"	12"				13 1/2"	13 1/2"	
	20 3/4"	20 3/4"	20 3/4"	20 3/4"	26"	26"	21 1/8"	21 1/8"				22 3/8"	24 7/8"	
	8"	8"	8"	8"	8"	8"	8"	"	9"	8"	8"			

\* Mantle and Top Facing clearances can be reduced with the optional

### SIZING YOUR EXISTING FIREPLACE Minimum fireplace measurements required for installation

Minimum Requirements:	45° Flue	90° Flue	45° Flue	90° Flue	90° Flue	Flush
G = Height	20 1/2"	21 1/4"	21 1/2"	22 1/4"	21 1/2"	22
H = Front Width	24"	24"	26"	26"	30 7/8"	1/4"
I = Back Width	24"	24"	26"	26"	21 1/4"	1/4"
J = Depth	11 3/8"	11 5/8" Masonry 12 5/8" ZC	9 1/2" Masonry 10 1/2"	14 1/2" Masonry 15"	20 1/2"	29
	6 1/2"	5/8" ZC	7"	1/2" ZC	11"	1/2"
						29 1/2



Write In Your Fireplace Dimensions:

G = Height

H = Front Width

I = Back Width

### APPROVED ZERO CLEARANCE (METAL) FIREPLACES

Both the Pendleton and Rainier Inserts are approved for installation in the following zero clearance fireplaces. See the Owner's Manual for details.

MARCO  
PREWAY

HEATILATOR

# TRAVIS INDUSTRIES WOOD PRODUCTS

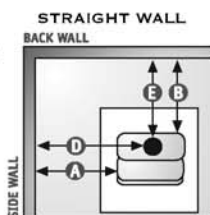


## Lopi Wood Burning Stoves

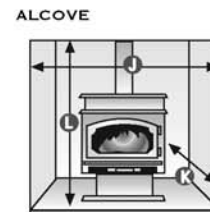
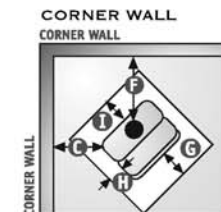
	REPUBLIC 1250		REPUBLIC 1750		ANSWER		ENDEAVOR		LIBERTY	
	SMALL		MEDIUM		SMALL		MEDIUM		LARGE	
SPECIFICATIONS										
WIDTH	23 5/8"		24"		23 5/8"		24"		30"	
HEIGHT (ALL LEGS)	26 3/4"		26 1/2"		27 7/8"		30 5/8"		32 1/4"	
HEIGHT (PEDESTAL)	29 3/4"		30 5/8"		31 7/8"		34 5/8"		36 1/4"	
DEPTH	14 5/8"		23 1/2"		16 1/4"		23 1/2"		21"	
FLUE SIZE	6"		6"		6"		6"		6"	
CONSTRUCTION (PLATE STEEL)	1/4" TO 3/16"		5/16" TO 3/16"		1/4" TO 3/16"		5/16" TO 3/16"		5/16" TO 3/16"	
WEIGHT (BODY W/LEGS)	243 LBS.		430 LBS.		300 LBS.		448 LBS.		490 LBS.	
PERFORMANCE										
EMISSIONS	4.4 GRAMS/HR.		1.9 GRAMS/HR.		4.4 GRAMS/HR.		1.9 GRAMS/HR.		2.6 GRAMS/HR.	
HEATING CAP. (SQ FT.)	600 TO 1,200		1,200 TO 2,000		750 TO 1,400		1,200 TO 2,000		1,500 TO 2,500	
HEAT OUTPUT	66,800 BTU'S/HR.		72,400 BTU'S/HR.		66,800 BTU'S/HR.		72,400 BTU'S/HR.		74,300 BTU'S/HR.	
EFFICIENCY (DEQ)	UP TO 79.6%		UP TO 78.8%		UP TO 79.6%		UP TO 78.8%		UP TO 76.9%	
MAXIMUM BURN TIME	UP TO 8 HOURS		UP TO 10 HOURS		UP TO 8 HOURS		UP TO 10 HOURS		UP TO 12 HOURS	
FIREBOX SIZE	1.6 CUBIC FT.		2.2 CUBIC FT.		1.6 CUBIC FT.		2.2 CUBIC FT.		3.1 CUBIC FT.	
MAXIMUM LOG SIZE	UP TO 18"		UP TO 18"		UP TO 18"		UP TO 18"		UP TO 24"	
CLEARANCES										
	SINGLE WALL CONNECTOR	DOUBLE WALL CONNECTOR	SINGLE WALL CONNECTOR	DOUBLE WALL CONNECTOR	SINGLE WALL CONNECTOR	DOUBLE WALL CONNECTOR	SINGLE WALL CONNECTOR	DOUBLE WALL CONNECTOR	SINGLE WALL CONNECTOR	DOUBLE WALL CONNECTOR
A= STOVE TO SIDE WALL	18"	18"	15"	13"	18"	13"	15"	13"	16"	16"
B= STOVE TO BACK WALL	18"	10 1/2"	15"	4 1/4"	16 1/2"	9"	15"	4 1/4"	15"	10"
C= STOVE TO CORNER WALL	10"	10"	15"	6 1/2"	10"	7 1/2"	15"	6 1/2"	9 1/2"	7 1/2"
D= CONNECTOR TO SIDE WALL	27"	26 1/2"	24"	21 1/2"	27"	21 1/2"	24"	21 1/2"	28"	27 1/2"
E= CONNECTOR TO BACK WALL	19 1/4"	11 1/4"	17 3/4"	6 1/2"	19 1/2"	11 1/2"	17 3/4"	6 1/2"	18 1/4"	12 3/4"
F= CONNECTOR TO CORNER WALL	17 3/4"	17 1/4"	24"	15"	19 1/2"	16 1/2"	24"	15"	21"	18 1/2"
HEARTH PROTECTION										
G= FRONT	16"		16"		16"		16"		16"	
H= SIDES	6"		6"		6"		6"		6"	
I= BACK	6"		6"		6"		6"		6"	
ALCOVE										
J= MAXIMUM WIDTH	59 5/8"		54"		49 5/8"		54"		62"	
K= MINIMUM DEPTH	48"		48"		48"		48"		48"	
L= MINIMUM HEIGHT	84"		84"		84"		84"		84"	

### CLEARANCES TO UNPROTECTED COMBUSTIBLES

USE THESE ILLUSTRATIONS IN CONJUNCTION WITH  
THE INFORMATION UNDER THE "CLEARANCE" &  
"ALCOVE" HEADINGS ABOVE.



### INSTALLATIONS



\*HEATING CAPACITY MAY VARY DEPENDING ON DEGREE OF HOME INSULATION, FLOOR PLAN AND AMBIENT TEMPERATURE ZONE OF THE AREA IN WHICH YOU LIVE.

# TRAVIS INDUSTRIES WOOD PRODUCTS



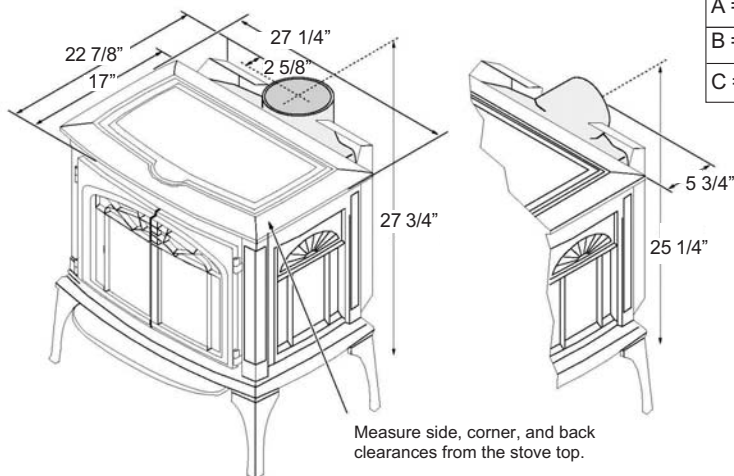
## Lopi Wood Burning Stoves LEYDEN

EPA Emissions	Overall Efficiency	Maximum Btu's/Hour**	Firebox Size	Heating Capacity*	Maximum Burn Time**	Maximum Log Length	Wood Capacity	Weight
2.4 Grams/Hr.		73,100	2.3 Cu.	Up to 2,000 Sq.	Up to 12 to 18		45-65	375

\* Heating Capacity may vary depending on the degree of home insulation, floor plan, ambient temperature zone of the area in which you live.

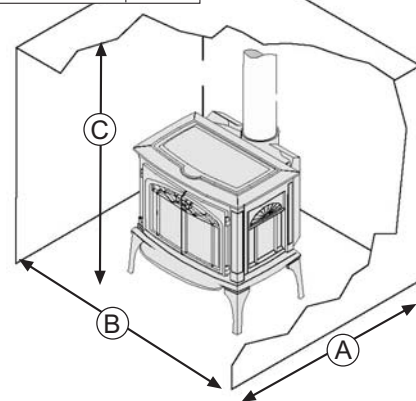
\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.

### Dimensions



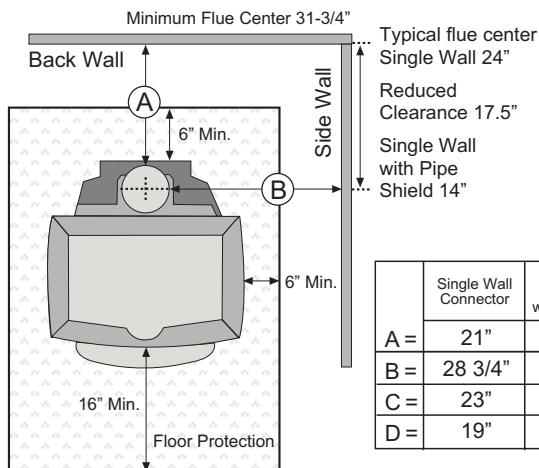
### Alcove Clearances

A = Maximum Depth	48"	Measured From Combustible Surfaces
B = Maximum Width	63 1/4"	
C = Minimum Height	84"	



### Close Clearances To Combustibles

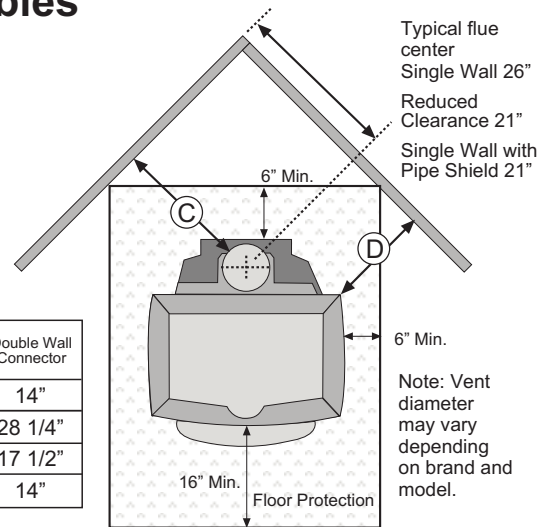
(Rear heat shield is a standard feature)



	Single Wall Connector	Single Wall Connector w/Pipe Shield	Double Wall Connector
A =	21"	11"	14"
B =	28 3/4"	28 3/4"	28 1/4"
C =	23"	18"	17 1/2"
D =	19"	14"	14"

Measure front clearances from the face of the stove (door opening).

Measure rear and side clearances from the nearest edge of the stove top.



Measure rear and side clearances from the nearest edge of the stove top.

Measure front clearances from the face of the stove (door opening).



# TRAVIS INDUSTRIES WOOD PRODUCTS



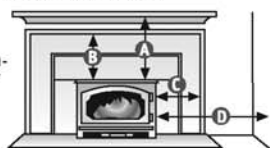
## Lopi Wood Burning Inserts

	ANSWER ZERO CLRARANCE APPROVED		REVERE ZERO CLRARANCE APPROVED		DECLARATION	FREEDOM	FREEDOM BAY	
	SMALL		MEDIUM			LARGE		
SPECIFICATIONS								
WIDTH	23 5/8"		24 1/4"		28 7/8"	29 1/4"	43 3/4"	
HEIGHT	20 3/4"		19 3/4"		21 1/2"	21 3/4"	21 3/4"	
DEPTH (OVERALL)	16 1/4"		23 1/8"		21 3/4"	20 1/2"	20 1/2"	
DEPTH ON HEARTH	3"		10"		1 1/4"	7" (EXT) - 1 5/8" (FLUSH)	4 3/4"	
DEPTH INTO FIREPLACE	13 1/2"		13 1/8"		20 1/2"	13 1/2"(EXT)-18 7/8"(FLUSH)	15 3/4"	
FLUE SIZE	6"		6"		6"	6"	6"	
CONSTRUCTION (PLATE STEEL)	5/16" TO 3/16"		5/16" TO 3/16"		5/16" TO 1/4"	5/16" TO 3/16"	5/16" TO 3/16"	
WEIGHT (BODY)	300 LBS.		380 LBS.		450 LBS.	455 LBS.	470 LBS.	
PERFORMANCE								
EMISSIONS	4.4 GRAMS/HR.		1.9 GRAMS/HR.		4.1 GRAMS/HR.	3.2 GRAMS/HR.	2.6 GRAMS/HR.	
HEATING CAPACITY	750 TO 1,200 Sq. Ft.		1,200 TO 2,000 Sq. Ft.		1,200 TO 2,000 Sq. Ft.	1,200 TO 2,250 Sq. Ft. (EXT.) 1,200 TO 2,000 Sq. Ft. (FL.)	1,200 TO 2,250 Sq. Ft.	
HEAT OUTPUT (CORD WOOD)	66,800 BTU'S/HR.		72,400 BTU'S/HR.		73,300 BTU'S/HR.	73,300 BTU'S/HR.	74,300 BTU'S/HR.	
EFFICIENCY (DEQ)	UP TO 79.6%		UP TO 78.8%		UP TO 76.9%	UP TO 76.9%	UP TO 76.9%	
MAXIMUM BURN TIME	UP TO 8 HOURS		UP TO 10 HOURS		UP TO 12 HOURS	UP TO 12 HOURS	UP TO 12 HOURS	
FIREBOX SIZE	1.6 CUBIC FT.		2.2 CUBIC FT.		2.9 CUBIC FT.	2.9 CUBIC FT.	3.1 CUBIC FT.	
MAXIMUM LOG SIZE	18"		18"		24"	24"	24"	
CLEARANCES								
	MASONRY FIREPLACE	METAL (ZC) FIREPLACE	MASONRY FIREPLACE	METAL (ZC) FIREPLACE	MASONRY FIREPLACE	MASONRY FIREPLACE EXTENDED	MASONRY FIREPLACE W/FLUSH KIT	MASONRY FIREPLACE
A= FIREBOX TO MANTEL = WITH MANTEL SHIELD	15 1/2" N/A	24" N/A	30 1/2" 22 1/2"	24" N/A	41 1/2" (MEASURED FROM FLOOR) N/A	32" 19"	20" N/A	32" 19"
B= FIREBOX TO TOP FACING = WITH MANTEL SHIELD	12" N/A	12" N/A	28 1/2" 20 1/2"	12" N/A	39" (MEASURED FROM FLOOR) N/A	30" 17"	20" N/A	30" 17"
C= FIREBOX SIDE TO SIDE FACING	9 1/2"	12"	13"	12"	9"	13 1/2"	13 1/2"	13 1/2"
D= FIREBOX SIDE TO SIDE WALL	13"	30"	15"	30"	9"	15"	15"	15"
FIREPLACE SIZING								
	MASONRY FIREPLACE	METAL (ZC) FIREPLACE	MASONRY FIREPLACE	METAL (ZC) FIREPLACE	MASONRY FIREPLACE	MASONRY FIREPLACE EXTENDED	MASONRY FIREPLACE W/FLUSH KIT	MASONRY FIREPLACE
E= MINIMUM DEPTH	13 1/2"	14 1/2"	13 1/8"	14 1/8"	20 1/2"	13 1/2"	18 7/8"	15 3/4"
F= MINIMUM FRONT WIDTH	23 5/8"	25 5/8"	24 1/4"	26 1/4"	30 7/8"	29 1/4"	29 1/4"	29 1/4"
G= MINIMUM BACK WIDTH	23 5/8"	25 5/8"	21 5/8"	23 5/8"	21 1/4"	21 1/4"	21 1/4"	29 1/4"
H= MINIMUM HEIGHT	20 3/4"	20 3/4"	19 3/4"	19 3/4"	21 1/2"	21 3/4"	21 3/4"	21 3/4"
PANEL SIZES								
RECTANGULAR PANELS LISTED.								
8" X 8"	28 1/4" H X 40 1/8" W		27 5/8" H X 40 3/8" W		29 1/2" H X 45 1/2" W	29 1/2" H X 45 3/8" W		
10" X 10"	30 1/4" H X 44 1/8" W		29 5/8" H X 44 3/8" W		31 1/2" H X 49 1/2" W	31 1/2" H X 49 3/8" W		
12" X 12"	N/A		31 5/8" H X 48 3/8" W		33 1/2" H X 53 1/2" W	33 1/2" H X 53 3/8" W		
						ASK YOUR DEALER FOR SIZING ON ARCHED PANELS. (FREEDOM ONLY)		

### CLEARANCES TO UNPROTECTED COMBUSTIBLES:

USE THESE ILLUSTRATIONS IN CONJUNCTION WITH THE INFORMATION UNDER THE "CLEARANCE" & "ALCOVE" HEADINGS ABOVE.

ALL INSERTS EXCEPT THE DECLARATION MUST HAVE A NON-COMBUSTIBLE HEARTH PAD THAT EXTENDS A MINIMUM OF 16" IN FRONT OF THE INSERT AND 6" TO THE SIDES.

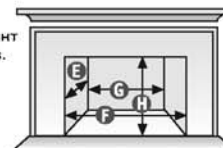


THE DECLARATION MUST HAVE A NONCOMBUSTIBLE HEARTH PAD THAT EXTENDS A MINIMUM OF 17 1/4" IN FRONT OF THE LOPI INSERT AND 8" TO THE SIDES.

### SIZING YOUR FIREPLACE FOR AN INSERT:

USE THESE ILLUSTRATIONS IN CONJUNCTION WITH THE INFORMATION UNDER THE "FIREPLACE SIZING" HEADINGS ABOVE.

PLEASE USE THE PROVIDED CHART ON THE RIGHT TO MARK DOWN YOUR FIREPLACE DIMENSIONS. THIS WILL ASSIST YOU IN DETERMINING THE RIGHT LOPI INSERT FOR YOUR FIREPLACE.



### APPROVED ZC FIREPLACES:

THE ANSWER AND ENDEAVOR INSERTS ARE APPROVED FOR MARCO, MAJESTIC, HEATILATOR, SUPERIOR, PREWAY AND TEMPACO ZERO CLEARANCE FIREPLACES. SEE THE OWNER'S MANUAL FOR DETAILS.

### YOUR FIREPLACE MEASUREMENTS

E. \_\_\_\_\_  
DEPTH  
F. \_\_\_\_\_  
FRONT WIDTH  
G. \_\_\_\_\_  
BACK WIDTH  
H. \_\_\_\_\_  
HEIGHT

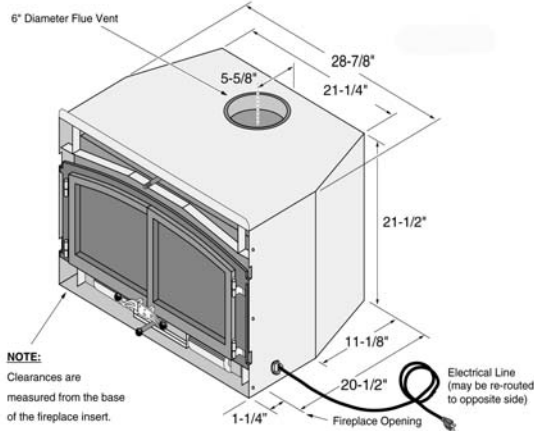
# TRAVIS INDUSTRIES WOOD PRODUCTS



## 33 Elite Wood Burning Insert

EPA Phase II Approved 4.1 Grams/Hour	Maximum Btu's Per Hour 73,300	Overall Efficiency 71.1%	Heating Capacity 1,200 to 2,000 Sq. Ft.	Up To 12 Hour Burn Time	Accepts 24" Wood	2.9 Cubic Foot Firebox	Heavy Gauge Plate Steel Construction 5/16" & 1/4"	Heavy-Duty Masonry Lined Firebox & Baffle	180 CFM Convection Blower Standard
---	--	--------------------------------	--	----------------------------------	------------------------	---------------------------------	--	--	---

### Dimensions



### Installation

We suggest that you have an authorized Fireplace Xtordinaire dealer install your fireplace insert. If you install the fireplace insert yourself, your authorized dealer should review your installation plans.

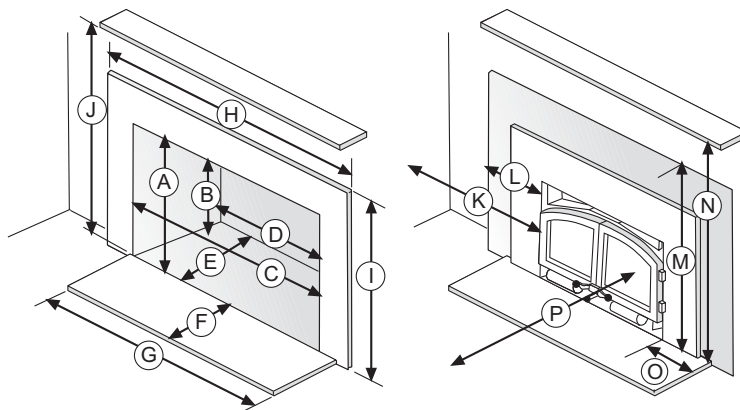
The 33 Elite Wood Insert is designed for installation in masonry fireplaces. Do not install into a factory-built metal (Z.C.) fireplace.

Check with your local building officials for any permits required for installation of this fireplace insert and notify your insurance company before proceeding with installation.

The 33 Elite must be installed with either Positive Flue (full chimney reline) or Direct Connect Flue (See Owner's Manual for details).

### Testing

Tested and certified by OMNI-Testing Laboratories Inc.  
Report # 028-S-54-2 Safety Tested to U. L. 1482



### Minimum Fireplace Size

A - Height (Front)	21 1/2"
B - Height (Rear)	21 1/2"
C - Width (Front)	30 7/8"
D - Width (Rear)	21 1/4"
E - Depth	20 1/2"
F - Hearth Depth	17 1/4"
G - Hearth Width	44 7/8"
H - Facing Width	46 7/8"
I - Facing Height	39"
J - Mantel Height	41 1/2"

### Surround Panels

The surround panels are designed to finish off the fireplace opening. Surround panels can also be custom cut to fit the inside dimensions of your fireplace opening.

- 8" Panel Set - Covers 45 1/2" Wide x 29 1/2" Height
- 10" Panel Set - Covers 49 1/2" Wide x 31 1/2" Height
- 12" Panel Set - Covers 53 1/2" Wide x 33 1/2" Height

### Minimum Clearances to Combustibles

K - Sidewall To Insert	9"
L - Side To Facing	9"
M - Top Facing	39"
N - Mantle	41 1/2"
O - Hearth (Side)	8"
P - To Any Room Combustible (i.e. chair, curtains)	36"

# TRAVIS INDUSTRIES WOOD PRODUCTS



## 36 & 44 Elite Wood Burning Fireplaces

Features & Specifications	Model 36 Elite Zero Clearance	Model 44 Elite Zero Clearance
EPA Phase II Approved	YES	YES
Overall Efficiency*	73%	72%
Heating Capacity	Up to 2,500 Sq./Ft.	Up to 3,000 Sq./Ft.
Emissions**	2.3 Grams/Hour	2.5 Grams/Hour
Maximum Burn Time <sup>^</sup>	10 Hours	12 Hours
Flue	8" Opening I.D.	8" Opening I.D.
Overall Width†	42"	48"
Overall Depth	27"	27"
Firebox Capacity	3.7 Cubic Feet	4.3 Cubic Feet
Wood Size	24"	32"
BTU Output Cordwood	10,300 to 66,000 Per/Hr.	10,700 to 76,700 Per/Hr.

\*DEQ Method \*\*EPA Method †Not Including Faceplate

<sup>^</sup> Emissions, Efficiency, Heating Capacity and Burn Time may vary depending on actual home floor plan, type of fuel used, and moisture content. Emissions numbers are those that have been certified by the U.S. E.P.A. BTU output based on burning cordwood. Efficiency numbers are

### Clearance Specifications

To Combustible Mantle:  
23" from fireplace face.

To Combustible Facing:  
Top Facing 12" - Side Facing 2 1/2" from fireplace face.

Hearth:  
Requires a 20" non-combustible hearth.

Approved Air-Cooled Chimney:  
FMI 8HT & Firecraft FTF8 A

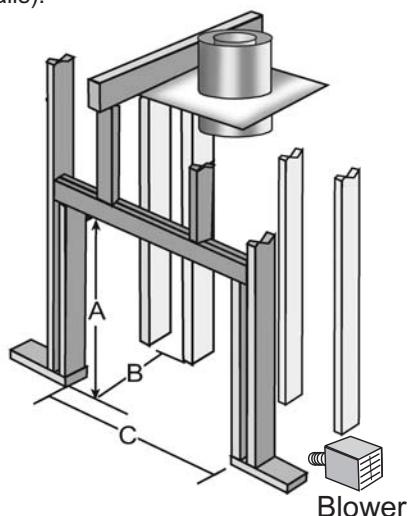
Improper installation of your wood burning fireplace or failure to operate it according to the guidelines detailed in the Owner's Manual, may negate your warranty and endanger your home and family. Contact your local building or fire officials about restrictions and installation requirements in your area.

### Framing Specifications

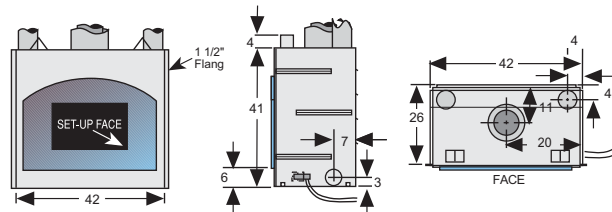
Please consult your Owner's Manual for Framing

	36 Elite	44 Elite
A =	45 1/2"	50 1/2"
B =	26"	26"
C =	43"	50"

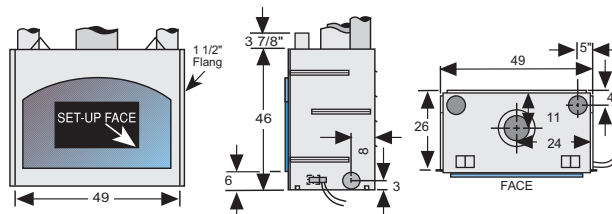
NOTE: Make sure the enclosure is wide enough to accommodate the blower (see Owner's Manual for details).



### Model 36 Elite Zero Dimensions



### Model 44 Elite Zero Dimensions



- Unibody construction
- Single Air Control
- Minimum clearances to combustibles
- Operation/Care manual and touch-up paint
- Easy start-up and refueling with bypass damper (most models)
- Non-Catalytic EPA Phase II clean burning
- 6" flue on all models
- 3/16" - 1/4" - 5/16" steel construction
- Long burn times
- Easy operation cam lever door lock



# TRAVIS INDUSTRIES WOOD PRODUCTS

---

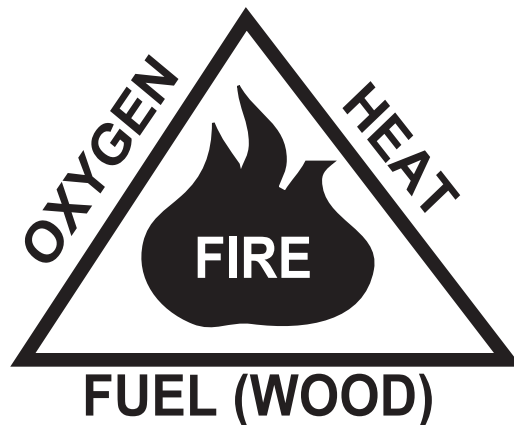


- One out of every five woodstoves sold in North America is a Travis product
- “Real World” seven year warranty
- Clean burn airwash
- Replaceable air tubes, firebrick baffle and baffle retainers
- Radiant and convection heaters (3 and 5 sides to convection chamber)
- Heats up to 2,500 Sq. Ft.
- Clearview ceramic glass
- Clay, kiln fired firebrick



## Wood As Fuel

- Wood is renewable natural resource.
- Wood is a hydrocarbon, or in other words - it is made up of hydrogen and carbon atoms.



- Combustion of wood takes place when we mix the right quantities of fuel (wood), heat & oxygen.
- When proper balance exist between these items complete combustion takes place and produces:
  - Water Vapor
  - Carbon Dioxide
  - Heat
  - Non-Combustible Ash

## Wood As Fuel

### STAGES OF WOOD COMBUSTION

#### **STAGE 1 - Moisture Evaporation**

- The wood is heated and the contained moisture evaporates to form steam.
- **NO HEAT** is given off - it is all absorbed in drying out the wood.

#### **STAGE 2 - Vaporization of Hydrocarbon Compounds**

- The chemical structure of wood molecules begin to breakdown and hydrocarbons begin to vaporize. This process is known as pyrolysis.
- During pyrolysis liquid tar droplets and combustible gas are produced from the hydrocarbons.
- This stage is still absorbing heat rather than giving off heat.

## Wood As Fuel

### STAGES OF WOOD COMBUSTION

#### **STAGE 3 - Gas Vapor Ignition & Combustion**

- Gases and tar droplets produced in stage two, ignite in stage 3. They ignite between the temperatures of 540°F to 1225°F.
- Temperatures in the firebox may reach upwards of 2000°F during this stage of burning.

#### **STAGE 4 - Char Burning**

- After pyrolysis, moisture evaporation, and the release of gases have subsided (about 950°F), the char burning stage begins.
- The carbon in charcoal is the only remaining combustible material. Charcoal burns with little or no flame and produces temperatures of about 1100°F.



## Emissions

- Over the years, air quality has become an issue and wood burning products were sited as contributing to poor air quality.
- In 1990, EPA (Environmental Protection Agency) became the agency to regulate the emissions of wood products.
- Today's EPA particulate emission standards are:
  - Catalytic products  
4.1 Grams/Hour
  - Non-Catalytic products:  
7.5 Grams/Hour
- Most states follow the EPA standard however states may have more stringent requirements.
- Washington State is one of those States:
  - Catalytic products  
2.5 Grams/Hour
  - Non-Catalytic products:  
4.5 Grams/Hour

## Emissions

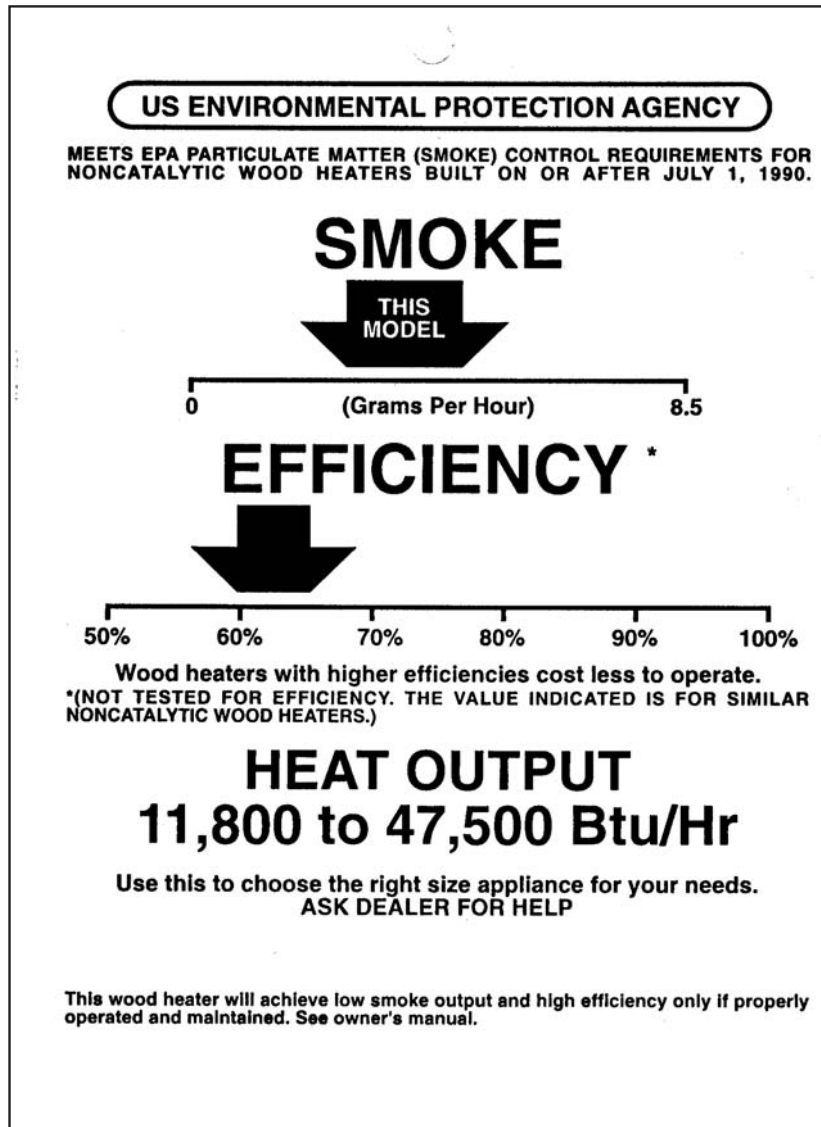
- Wood burning products must adhere to the EPA emissions standards having the following characteristics.
  1. Minimum burn rate less than 5 grams/hour (11 lbs.)
  2. Average air-to-fuel ratio of less than 35 to 1.
  3. Usable firebox of less than 20 cubic feet.
  4. Weigh less than 800 kilograms (about 1760 lbs.)

### EPA EMISSION TESTING

- EPA tests follow a very specific, stringent protocol. All of the smoke from the wood burning appliance is drawn through a filter before exiting up the chimney.
- The stove is burned in a series of 4 tests all at different burn rates.
- In each test the filter is weighed before the test and is dried and weighted at the conclusion of each test. The difference is the stated grams/hour of particulate emission.
- The combined tested emissions for all 4 burn tests is then averaged. The averaged total **MUST** meet or be below the EPA standard in order for the stove to get a EPA certification.



## EPA Hang Tag



- EPA hang tags must be present ON each woodburning in your showroom.
- Non-compliance may result in a \$5,000 fine per unit.

## Wood Combustion

- The three T's are critical to high efficiencies.
- Time, Temperature and Turbulence of the flue gases.
- Our stoves are designed and constructed to provide maximum residence time of the flue gas at a good mix of primary and secondary air.

<b>“T” Factor</b>	<b>Accomplished By:</b>
<b>Time</b>	<ul style="list-style-type: none"><li>• <b>Firebrick Free Floating Baffle</b></li><li>• <b>Single Air Control</b></li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• <b>Firebrick Baffle</b></li></ul>
<b>Turbulence</b>	<ul style="list-style-type: none"><li>• <b>Primary Air</b></li><li>• <b>Glass Door Airwash</b></li><li>• <b>Secondary Air</b></li></ul>

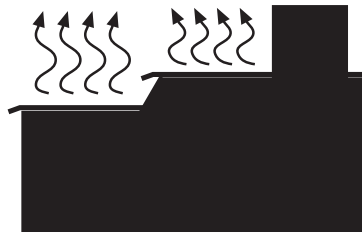
## Stove Construction

- The Three T's

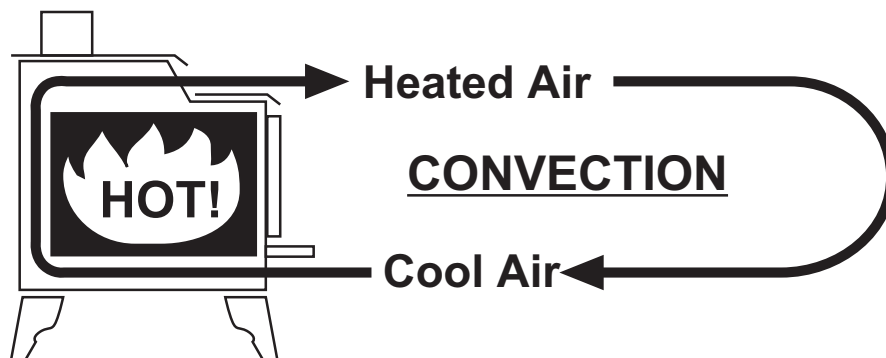
**ACCOMPLISHED BY**

1. EFFICIENCY
2. "GOOD HEAT"
3. TRANSFER

- Use of clay fired firebrick - conducts the heat through the brick lining to the convection chambers.
- Use of clear view Neoceram™ glass - reflects the heat through the glass door into the room.
- Use of large radiant surfaces.



- Use of three and five-sided convection chambers.



- Three-sided convection- Heat is washed off of the bottom, back and top.
- Five-sided convection - Heat is washed off of the bottom, back, top and two sides.



## Wood Stove Venting

- The pipe which connects the stove to the chimney is called a connector.
- The stove connector must connect to a masonry chimney or a metal factory built type UL103 HT chimney.
- Connectors must never pass through a wall or ceiling. Stove connectors may be single wall pipe or double wall pipe with an air space between the inner and outer wall.
- The system shall not have more than 180° of turn (2-90° elbows or 1-90° elbow and 2-45° elbows).
- Chimney must be masonry constructed in accordance with NFPA 211 standards or factory built chimney tested to the UL103 HT standard.

## Single Wall Connector



**Single Wall  
Pipe**



**Single Wall Slip  
Connector**



**Single Wall  
Elbow**

### • Single Wall Connector

<b>Construction</b>	<ul style="list-style-type: none"><li>• 24 MSG Black or 26 MSG Blued Steel</li></ul>
<b>Lengths</b>	<ul style="list-style-type: none"><li>• 12"-24"- 48" Slip connector which allows for 10" adjustment</li></ul>
<b>Advantages</b>	<ul style="list-style-type: none"><li>• Radiates heat into room</li><li>• Inexpensive</li></ul>
<b>Disadvantages</b>	<ul style="list-style-type: none"><li>• Requires 18" clearance to combustibles</li><li>• Removes too much heat potentially creating creosote build-up and harder start-up</li></ul>

## Double Wall Connector



**Double Wall  
Pipe**



**Double Wall  
Telescoping**



**Double Wall  
Elbow**

### • Double Wall Connector

<b>Construction</b>	<ul style="list-style-type: none"> <li>• <b>Stainless steel inner liner - Galvanized outer shell</b></li> </ul>
<b>Lengths</b>	<ul style="list-style-type: none"> <li>• <b>6"-12"-18"-24"- 48"</b> <b>Telescoping 29"to48' &amp; 40' to 68"</b></li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• <b>Close clearance reduction</b> NOTE: Only listed, tested close clearance connectors may be used on Travis wood products. Must be used for close clearance, alcove and mobile home installations.</li> <li>• <b>Keeps chimney cleaner as flue stays hotter.</b></li> <li>• <b>Makes for easier start-up of the fire</b></li> </ul>
<b>Disadvantages</b>	<ul style="list-style-type: none"> <li>• <b>More expensive</b></li> </ul>

## Factory Built Chimney



### • Factory Built Chimney

<b>Construction</b>	<ul style="list-style-type: none"><li>• Stainless steel inner and stainless steel or galvanized outer with blanket insulation in between inner and outer and or air space</li></ul>
<b>Lengths</b>	<ul style="list-style-type: none"><li>• 6"-12"-18"-24"-36"-48"</li></ul>
<b>Listings</b>	<ul style="list-style-type: none"><li>• UL103 HT listing 2100°</li></ul>



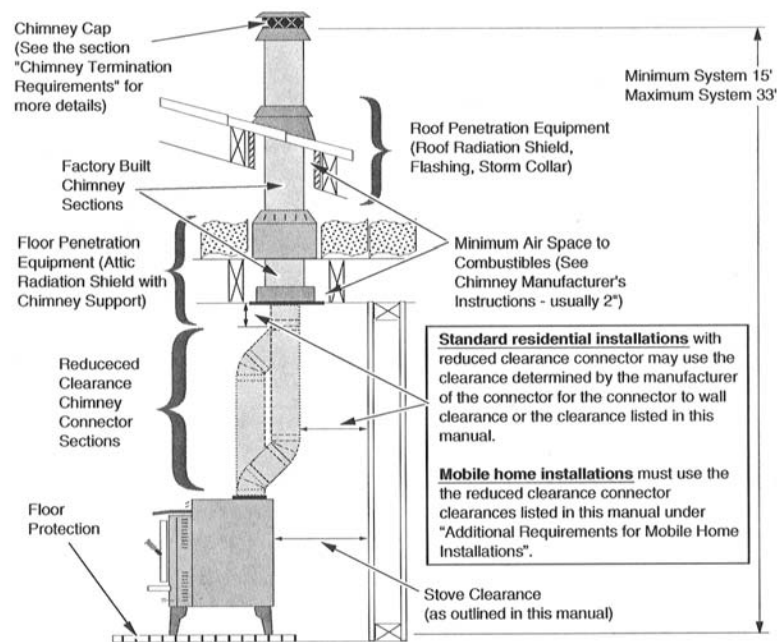
# TRAVIS INDUSTRIES WOOD PRODUCTS



## *Chimney Requirements*

- **DO NOT CONNECT THIS UNIT TO A CHIMNEY FLUE SERVING ANOTHER APPLIANCE.**
- Chimney connector must be a minimum 24 MSG black or 26 MSG blued steel (6" diameter). Chimney must be used from the first floor or wall penetration to the chimney cap.
- Use 6" diameter type UL 103 HT chimney from one manufacturer (do not mix brands) or code approved masonry chimney with a flue liner.
- Chimney connector and chimney must be fastened to the stove and each adjoining section.
- Follow the chimney manufacturer's clearances and requirements.
- Use the chimney manufacturer's fire stops, attic guards, roof supports, and flashings when passing through a ceiling or thimble when passing through a combustible wall.
- No more than 180° of elbows (two 90° elbows, or two 45° & one 90° elbow, etc.).

**NOTE:** Additional elbows may be allowed if draft is sufficient. Whenever elbows are used the draft is adversely affected. Additional chimney height may be required to boost draft.



<b>Drafting Performance</b>	This appliance relies upon natural draft to operate. External forces, such as wind, barometric pressure, topography, or factors of the home (negative pressure from exhaust fans, chimneys, air infiltration, etc.), may adversely affect draft. Travis Industries can not be responsible for external forces leading to less than optimal performance.
-----------------------------	---

- Standard residential installations may use single-wall connector (Mobile-Homes may **not**)
- Standard residential installations with reduced clearance connector may use the clearance determined by the manufacturer of the connector for the connector to wall clearance or the clearance listed in this manual. Offsets must be used to maintain the stove to wall clearance. Mobile homes must use the clearances listed in this manual under "Additional Requirements for Mobile Home Installations".

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Alcove Installation Requirements

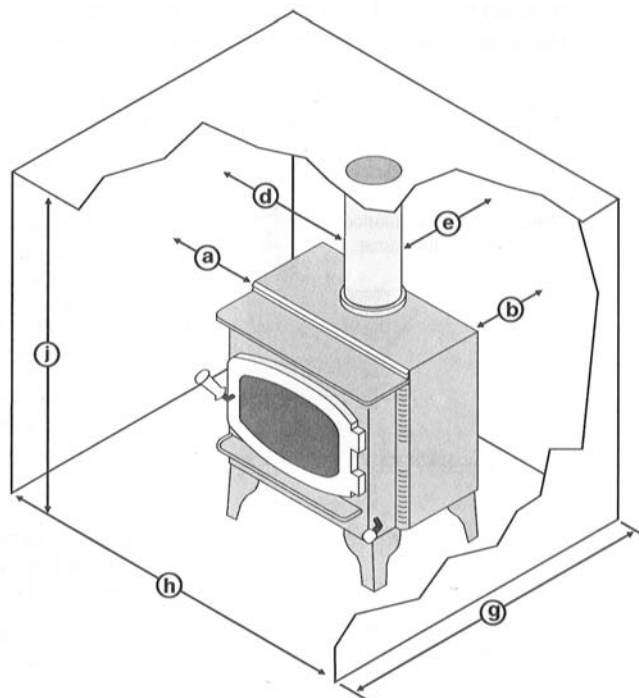
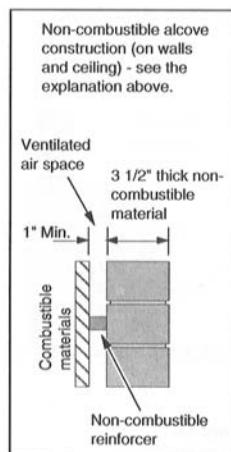
Whenever the stove is placed in a location where the ceiling height is less than 7' tall, it is considered an alcove installation. Because of the reduced height, the special installation requirements listed below must be met.

- Chimney connector and chimney must be one of the following types:

- DURAVENT model DVL with DURATEC chimney
- DURAVENT model DVL with DURA-PLUS chimney
- AMERI-TEC model DCC with model HS chimney
- SECURITY model DL with SECURITY model ASHT or S2100 chimney
- METAL-FAB model DW with TG chimney
- GSW Double Wall Chimney Connector with Super Chimney Twenty-One
- SELKIRK METALBESTOS model DS connector with model SSII chimney
- I.C.C. Excel (2100-2 Can.) (103-HT USA) chimney with HP connector
- Standard Masonry Chimney with any one of the above listed connectors

Minimum Clearance (See the illustration below)		Pendleton-45°		Pendleton-90°	
		Combustible Alcove	Non-Combustible Alcove	Combustible Alcove	Non-Combustible Alcove
A	Sidewall to stove	11"	6"	11"	6"
B	Backwall to stove	13"	5"	8 1/2"	2"
D	Connector to sidewall	19 1/2"	14 1/2"	19 1/2"	14 1/2"
E	Connector to backwall	9"*	2 1/2"*	8 3/4"	2 1/4"
G	Maximum depth of alcove	48"	48"	48"	48"
H	Minimum width of alcove	45 3/4"	35 3/4"	45 3/4"	35 3/4"
J	Minimum height of alcove	84"	6" above stove top	84"	6" above stove top

- Alcoves are classified as combustible or non-combustible. Non-combustible alcoves must have walls and a ceiling that are 3 1/2" thick of a non-combustible material (brick, stone, or concrete). This non-combustible material must be spaced and ventilated at least 1" off of all combustible materials (walls, ceiling, etc.) to allow air to move around the non-combustible walls and ceiling. All other alcoves are considered combustible. The clearances below must be met:



# TRAVIS INDUSTRIES WOOD PRODUCTS



## Mobile Home Requirements

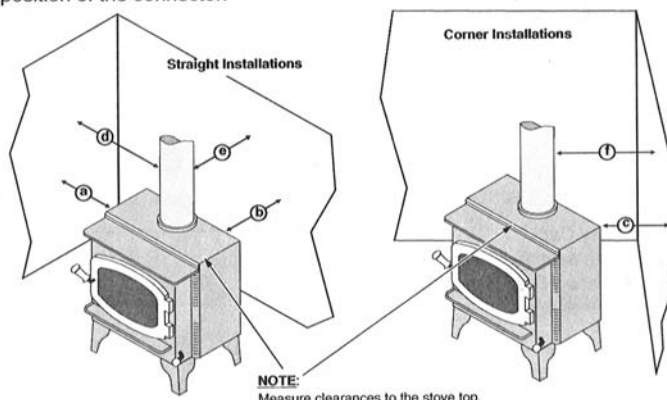
- Outside air must be installed - see "Outside Air Requirements" on page 11
- Chimney connector and chimney must be one of the following types:
  - DURAVENT model DVL with DURATEC chimney
  - DURAVENT model DVL with DURAPLUS chimney
  - AMERI-TEC model DCC with model HS chimney
  - SECURITY model DL with SECURITY model ASHT or S2100 chimney
  - METAL-FAB model DW with TG chimney
  - GSW Double Wall Chimney Connector with Super Chimney Twenty-One
  - SELKIRK METALBESTOS model DS connector with model SSII chimney
  - I.C.C. Excel (2100-2 Can.) (103-HT USA) chimney with HP connector
  - Standard Masonry Chimney with any one of the above listed connectors

**NOTE:** Reduced clearance connectors may not connect to the flue collar – order an appliance adapter for the connector being used.

- Stove placement must maintain the following clearances to combustibles (drywall, furniture, etc.)

Minimum Clearance (See the illustration below)	745 Reduced Clearance Connector	790 Reduced Clearance Connector
A Sidewall to stove	11"	11"
B Backwall to stove	13"	8 1/2"
C Cornerwall to stove	7 1/2"	7 1/2"
D Connector to sidewall	19 1/2"	19 1/2"
E Connector to backwall	9"*	8 3/4"
F Connector to cornerwall	11"*	15"

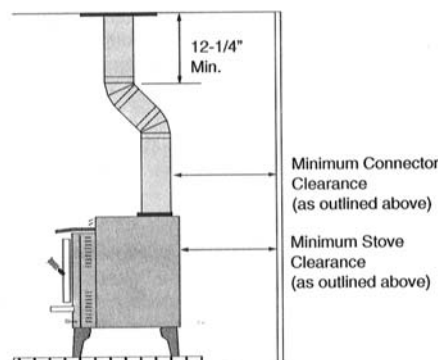
\* These are minimum clearances, not installation dimensions. Connector position will vary depending upon brand. First establish the stove clearances, install the 45° connector to the stove, then determine the position of the connector.



- If using offsets, use the connector clearance listed to the right, **not the connector manufacturer's clearance.**
- The appliance must be secured to the floor (consult your building official). Secure the outside air boot to the floor and stove to insure the stove does not dislocate.
- Mobile home installations require a spark arrester at the chimney termination.
- The appliance must be grounded to the chassis of the mobile home (consult your building official).

**WARNING: DO NOT INSTALL IN SLEEPING ROOM.**

**CAUTION: THE STRUCTURAL INTEGRITY OF THE MOBILE HOME FLOOR, WALL, AND CEILING/ROOF MUST BE MAINTAINED.**





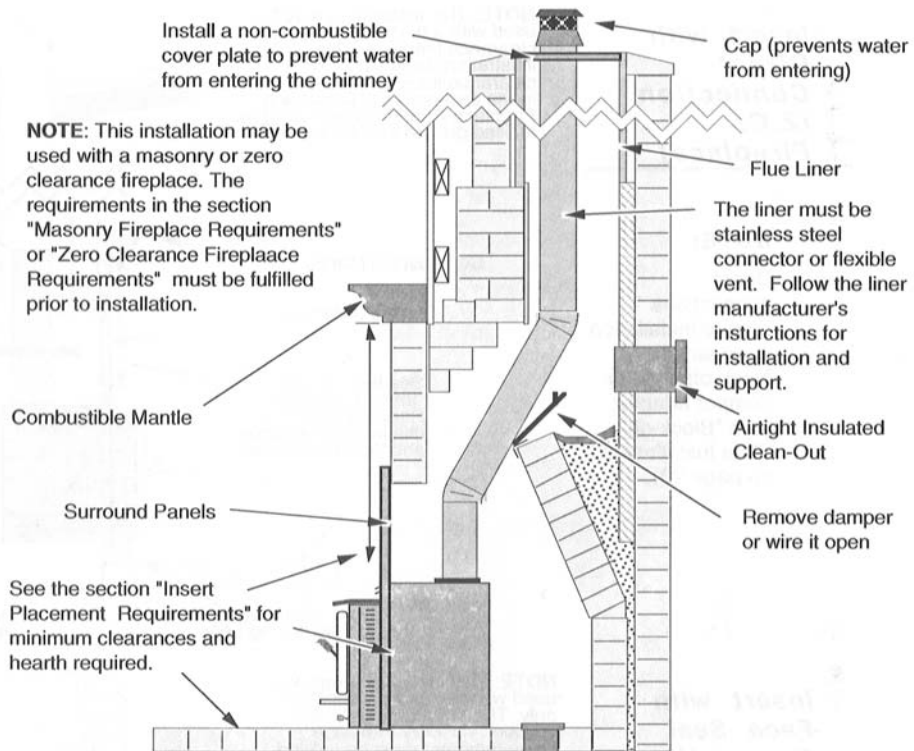
# TRAVIS INDUSTRIES WOOD PRODUCTS



## Insert with Positive Connection

### **NOTE:**

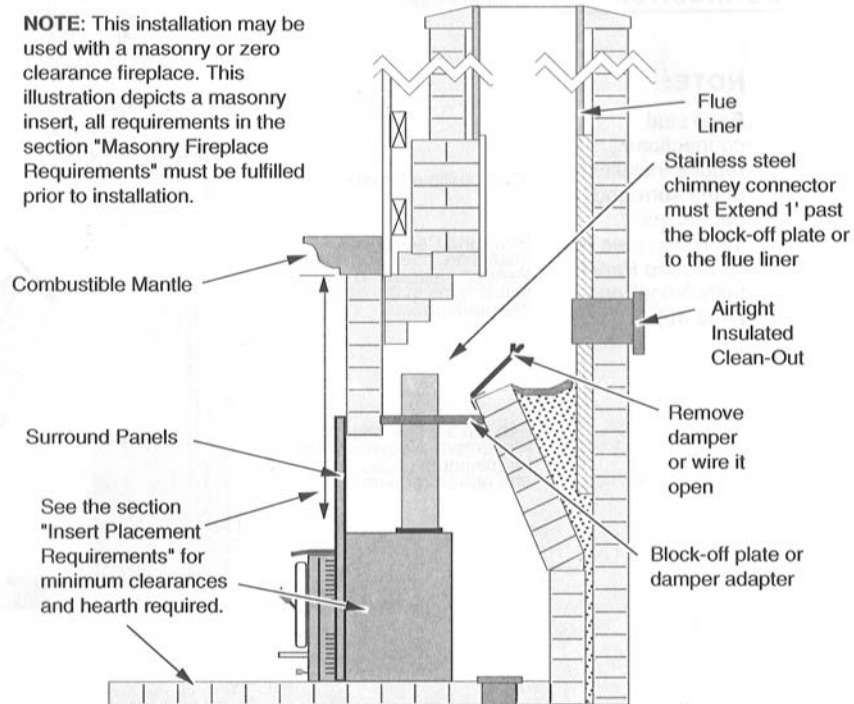
Most factory-built chimney manufacturers make stainless steel chimney liners, either flexible or rigid. This provides a wide variety of installation options. Make sure to follow the manufacturer's instructions for installation and support.



## Insert with Direct Connection (Masonry Fireplace)

### **NOTE:**

Direct connections require installation of an airtight block-off plate or damper adapter (see "Block-off Plate Installation" on page 20).



# TRAVIS INDUSTRIES WOOD PRODUCTS



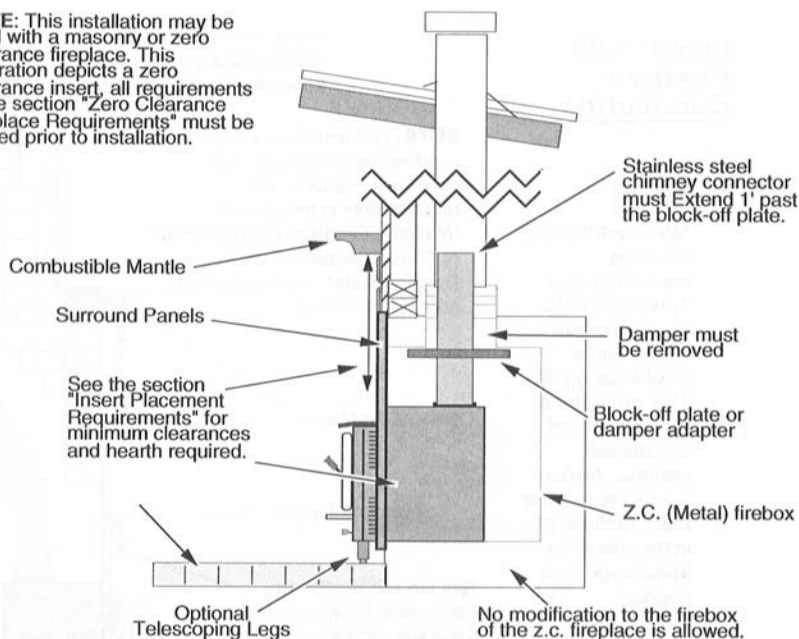
TRAVIS INDUSTRIES  
HOUSE OF FIRE

## ***Insert with Direct Connection (Z.C. Fireplace)***

### **NOTE:**

Direct connections require installation of an airtight block-off plate or damper adapter (see "Block-off Plate Installation" on page 20).

**NOTE:** This installation may be used with a masonry or zero clearance fireplace. This illustration depicts a zero clearance insert, all requirements in the section "Zero Clearance Fireplace Requirements" must be fulfilled prior to installation.

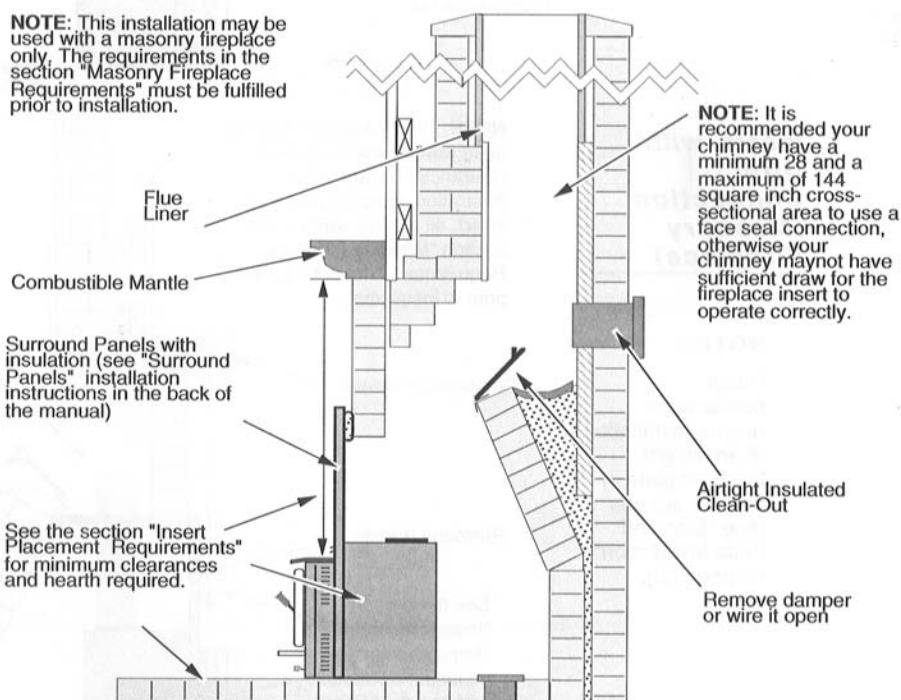


## ***Insert with Face Seal Connection***

### **NOTE:**

Face seal connections require installation of the surround panels and insulation (see the "Surround Panel Installation" on page 42).

**NOTE:** This installation may be used with a masonry fireplace only. The requirements in the section "Masonry Fireplace Requirements" must be fulfilled prior to installation.



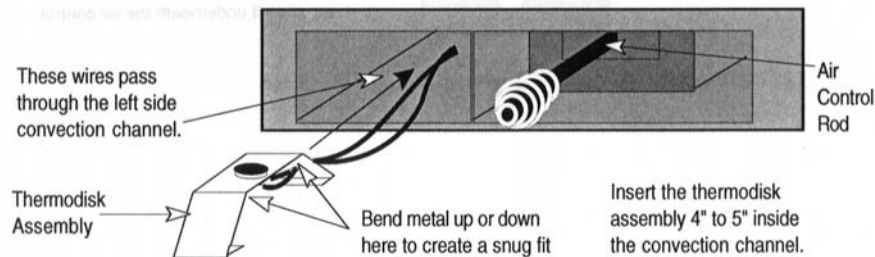


## Rear Blower

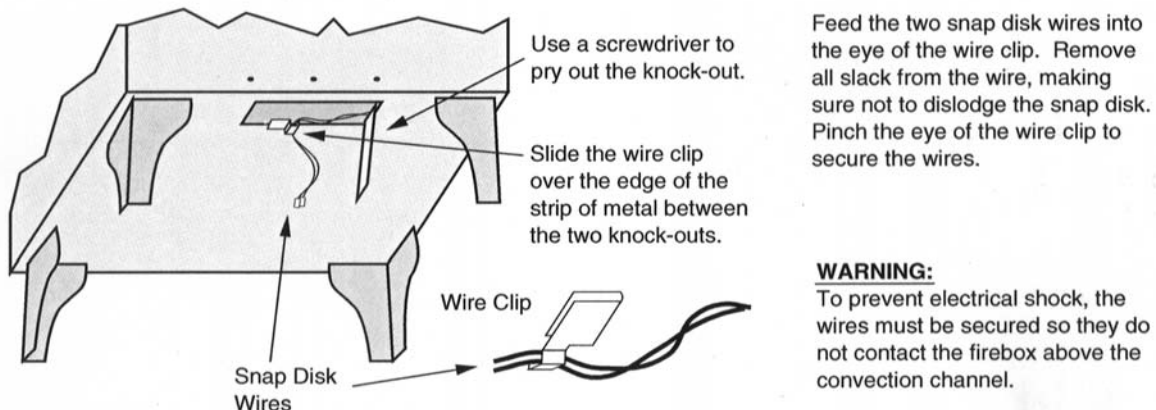
### *Rear Blower Installation (Part number 99000138)*

The rear blower improves heat transfer by pushing heated air through the convection channel. Operating instructions are described in the section "Blower Operation" on page 26.

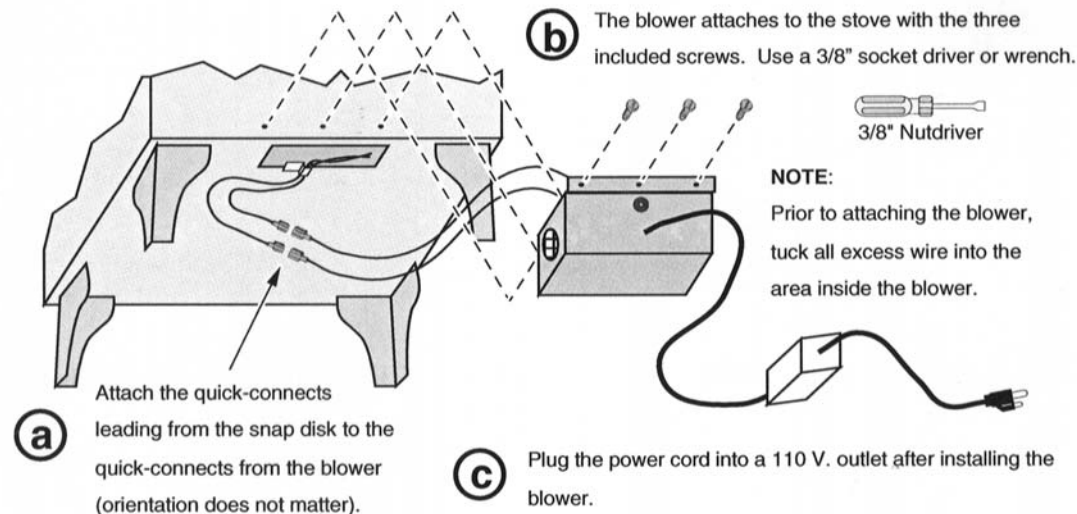
- 1 The stove should be in place with the legs installed prior to installing the rear blower.
- 2 Follow the directions below to install the thermodisk.



- 3 Install the wire clip following the directions below.



- 4 Attach the blower following the directions below.



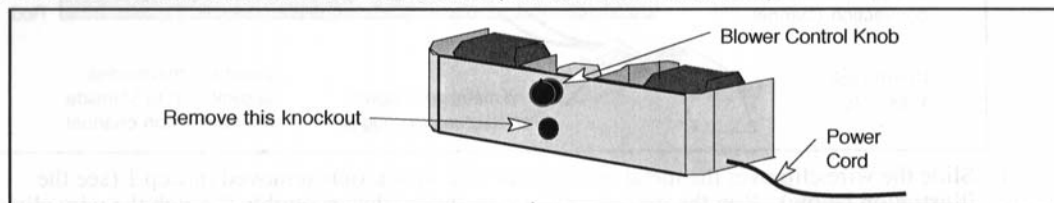


## Front Blower

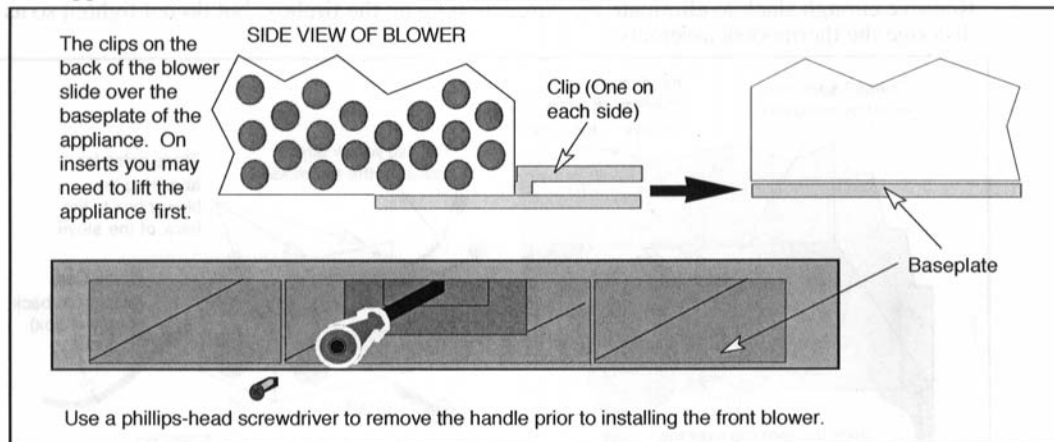
### FRONT BLOWER INSTALLATION (PART NUMBER 99000137)

The front blower is designed to improve the natural convection of the appliance by pushing air through the convection chamber of the appliance and causing the heated air to exit through the vents along the top of the appliance. It attaches below the ashlip and can be used on appliance or insert applications. Operating instructions are described in the section "Blower Operation" on page 25. The directions below detail its installation.

1. Remove the air control handle by unscrewing the screw that holds it in place (phillips-head).
2. Remove the knockout from the front blower (see the illustration below).



- 3.. Place the blower underneath the ashlip so the two clips on the blower lock into the baseplate of the appliance (see the illustration below).





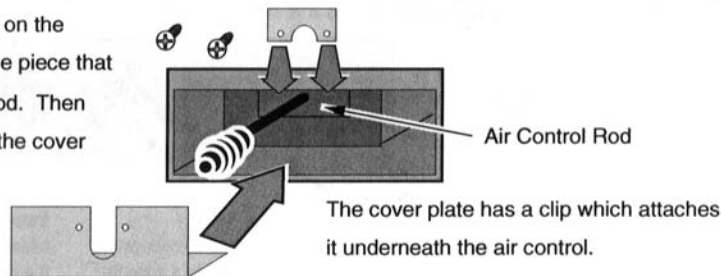
## Outside Air Boot

### *Outside Air Boot Installation (Part number 99200134)*

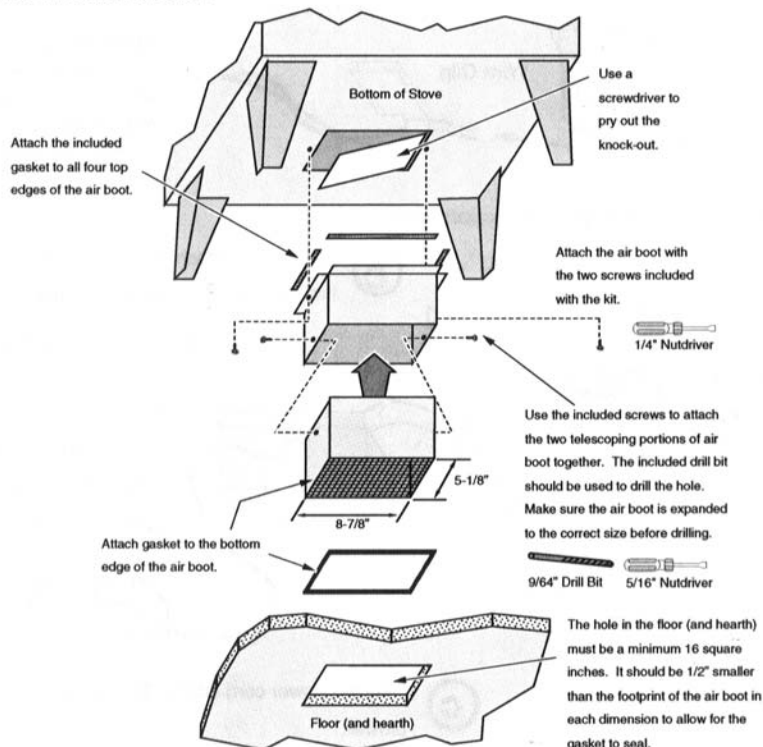
The outside air boot routes outside air to the stove for combustion. Refer to the section "Outside Air Requirements" on page **Error! Bookmark not defined.** for installation concerns. The directions below detail installation.

- 1 Install the cover plate following the directions below (use the cover plate that is 6-1/2" wide).

Remove the two screws on the cover plate to remove the piece that fits over the air control rod. Then replace the piece when the cover plate is in place.



- 2 Refer to the illustration on the following page to determine the location and size of the hole penetrating the floor and. Cut the hole prior to locating the stove.
- 3 Attach gasket to the bottom edge of the lower air boot section (near the screen). Attach gasket on top of the flanges on the upper air boot section. Slide the two sections together with both seams facing the rear (do not attach the two sections at this time).
- 4 Follow the directions below for attaching the upper section of the air boot (with gasket) to the stove.
- 5 Slide the lower section down until it contacts the hearth. Attach the two sections together following the directions below

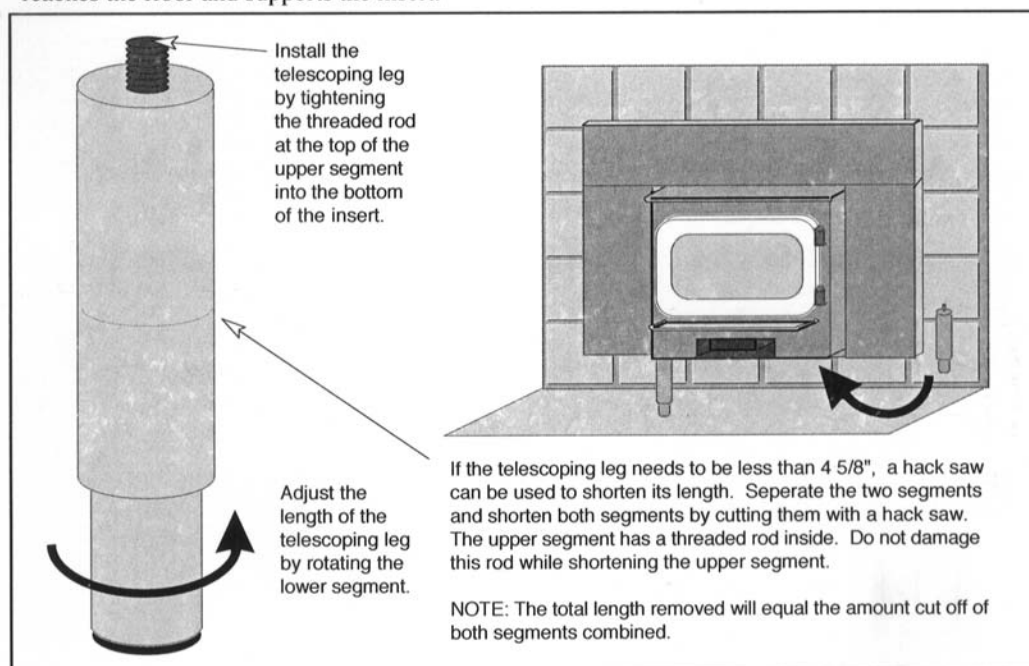


## Telescoping Leg

### TELESCOPING LEG INSTALLATION (PART NUMBER 99200120)

The telescoping legs are designed to support the front end of fireplace inserts on raised hearths. It is adjustable from 4 5/8" to 7 1/2". It can be cut shorter by using a hacksaw (see the illustration below).

1. Place the end caps into each lower segment of the telescoping legs (see the illustration below).
2. Screw the telescoping legs together so the leg can be screwed into the bottom of the insert. Hand tighten the telescoping leg into position.
3. While grasping the upper segment of the telescoping leg, unscrew the bottom segment until it reaches the floor and supports the insert.



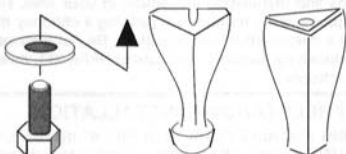
## Legs

### **STOVE LEGS INSTALLATION (BRASS # 99200500, CAST BLACK # 99200800, BLACK STEEL # 99200100)**

There are three different stove legs available for your wood stove: cast brass; cast black; and black steel. The instructions for installing the legs are the same for each type of leg.

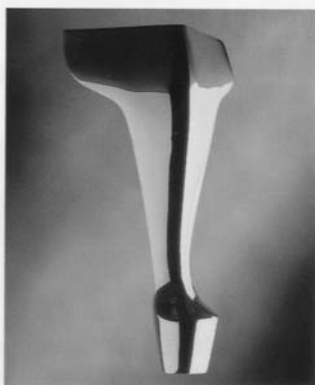
Raise the stove by inserting some pieces of lumber in the middle of the stove to a height of about 8". Line up the hole in the top of the leg with the threaded bolt hole in each corner of the stove bottom. Using a 9/16" open end or socket wrench, fasten the leg to the stove with the supplied attachment bolts and washers, making sure the legs are flush with the corners of the stove. Unscrew the leveling bolts enough so the stove will rest on the upper tips, not the metal portion of the legs. Lower the stove down.

Attach each leg to the stove by inserting a bolt and washer through the hole or slot in the leg and into the threaded hole on the stove. Use a 9/16" socket wrench to tighten.



Leveling bolts are attached to the leg. Do not have any weight on the bolts while adjusting them – the rubber tips may tear.

To level the stove, lift the stove up and unscrew each leveling bolt the appropriate amount. The rubber tips of the leveling bolts will tear if they are adjusted while weight is applied to them.



Cast Solid Brass



Cast Black



Sculptured Black  
Steel

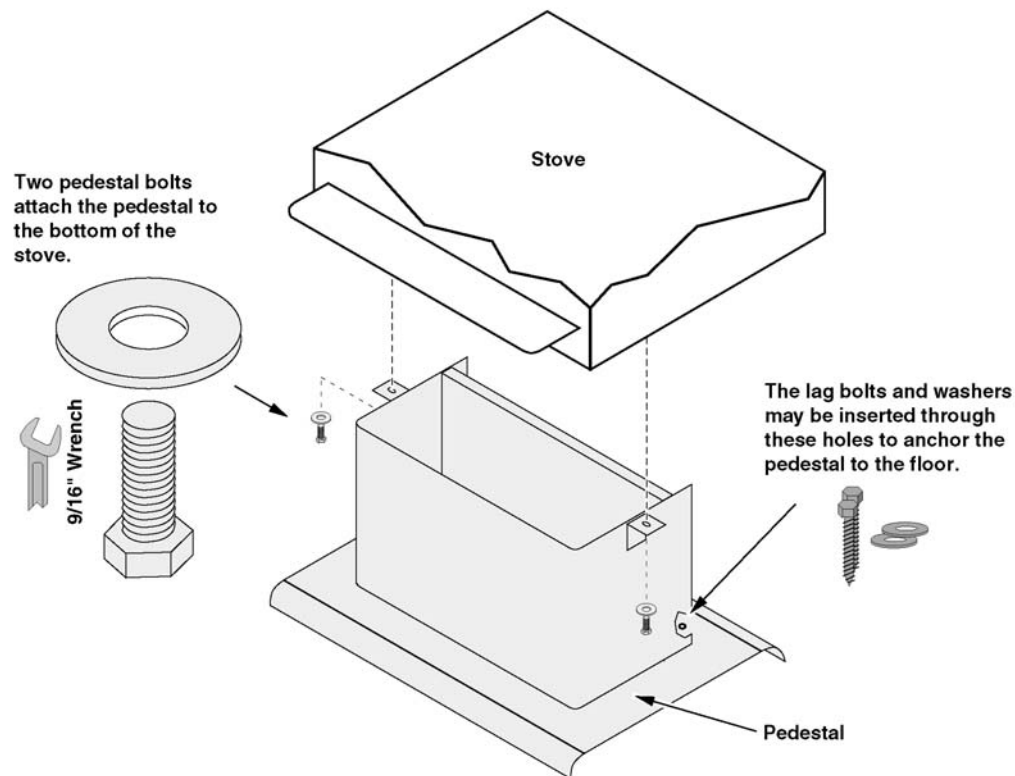
or

Pewter\*

\*Lopi only

## New Small Pedestals

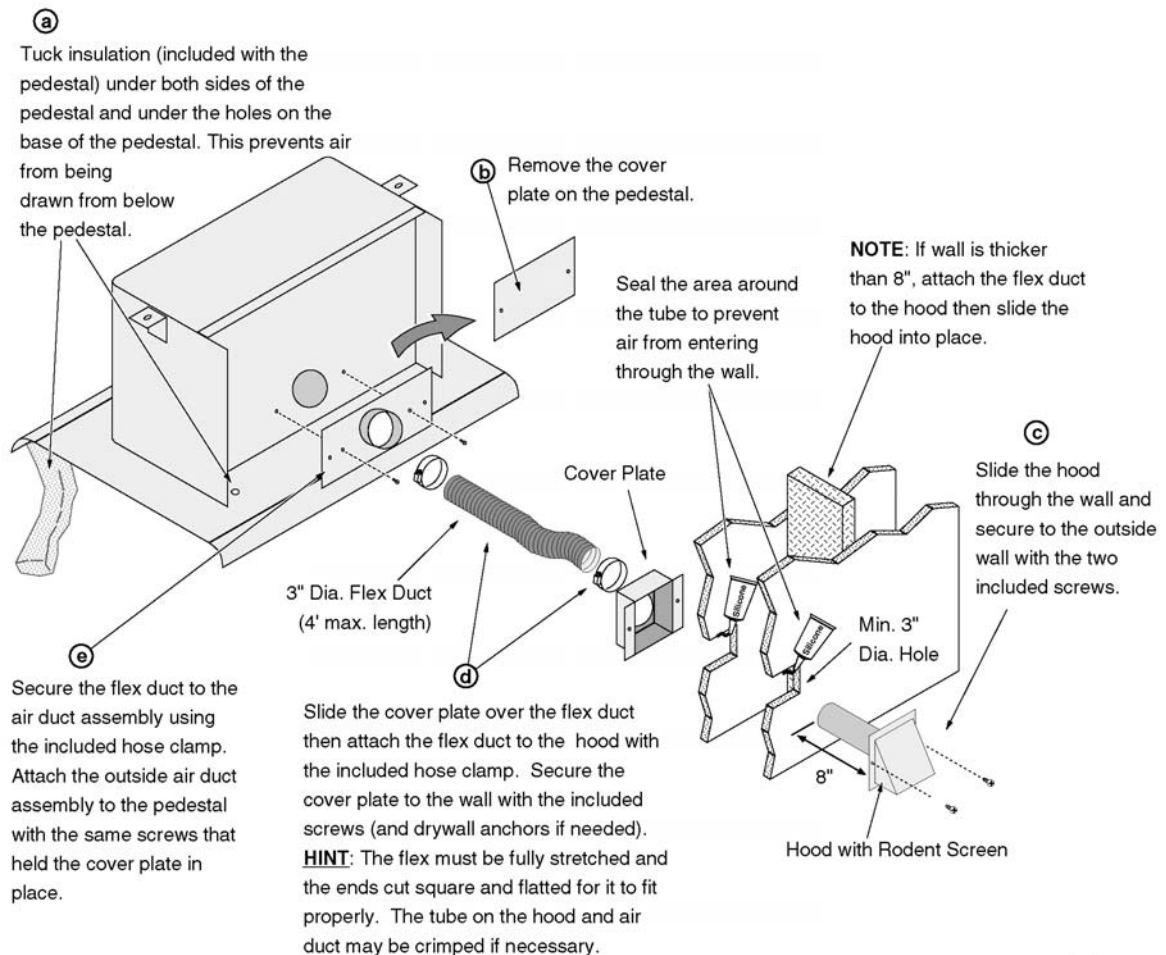
Example Shown - Lopi



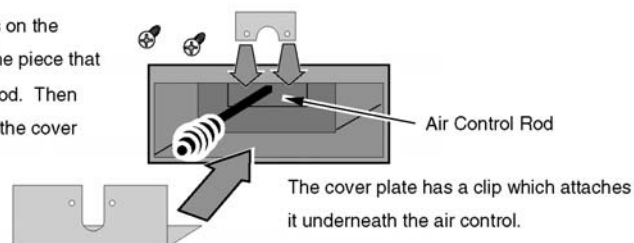


## New Small Pedestals

Example Shown - Lopi



Remove the two screws on the cover plate to remove the piece that fits over the air control rod. Then replace the piece when the cover plate is in place.



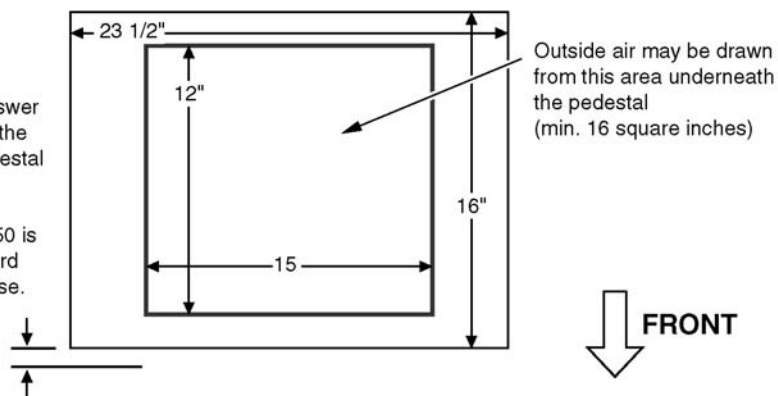
## New Small Pedestals

Example Shown - Lopi

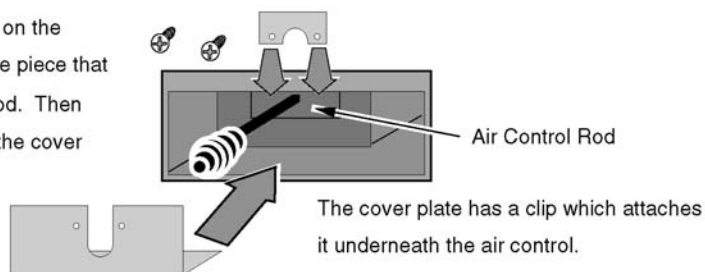
### Top View

The faceplate of the Answer is flush with the front of the forward edge of the pedestal base.

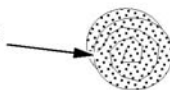
The faceplate of the 1250 is 1/4" in front of the forward edge of the pedestal base.



Remove the two screws on the cover plate to remove the piece that fits over the air control rod. Then replace the piece when the cover plate is in place.

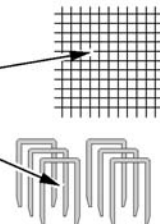


Insulation is used to seal the side edges of the pedestal .



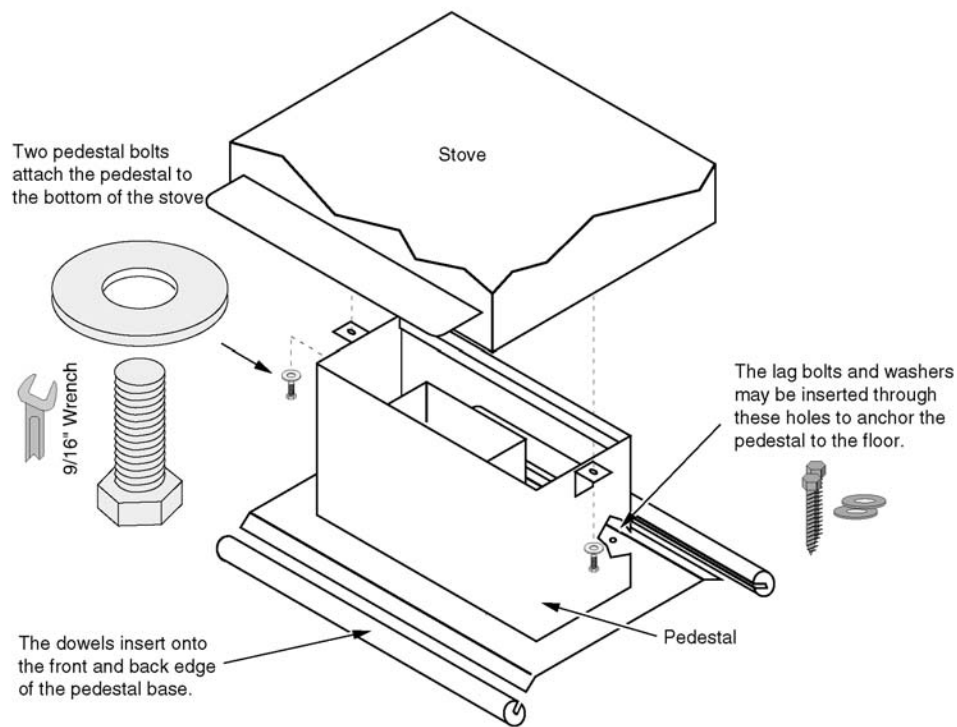
Screen is used to prevent rodents from entering.

Staples are used to attach the screen to the floor.



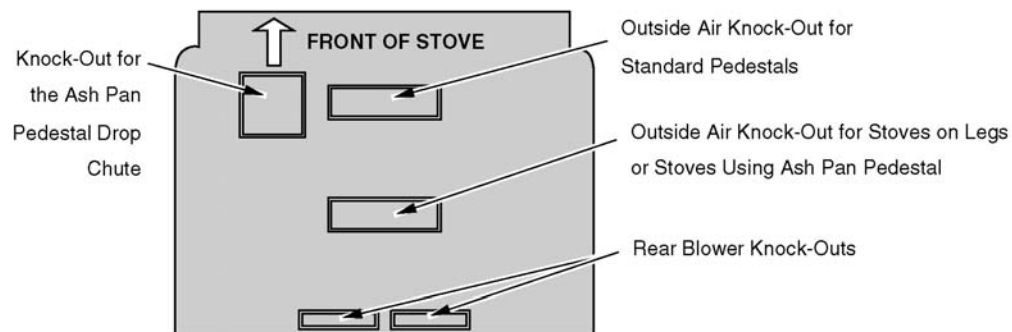
## New Large Pedestals

Example Shown - Avalon

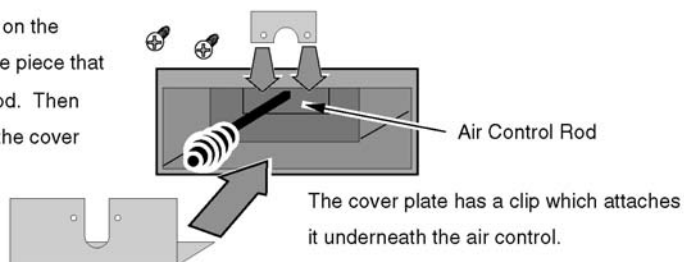


## New Large Pedestals

Example Shown - Avalon



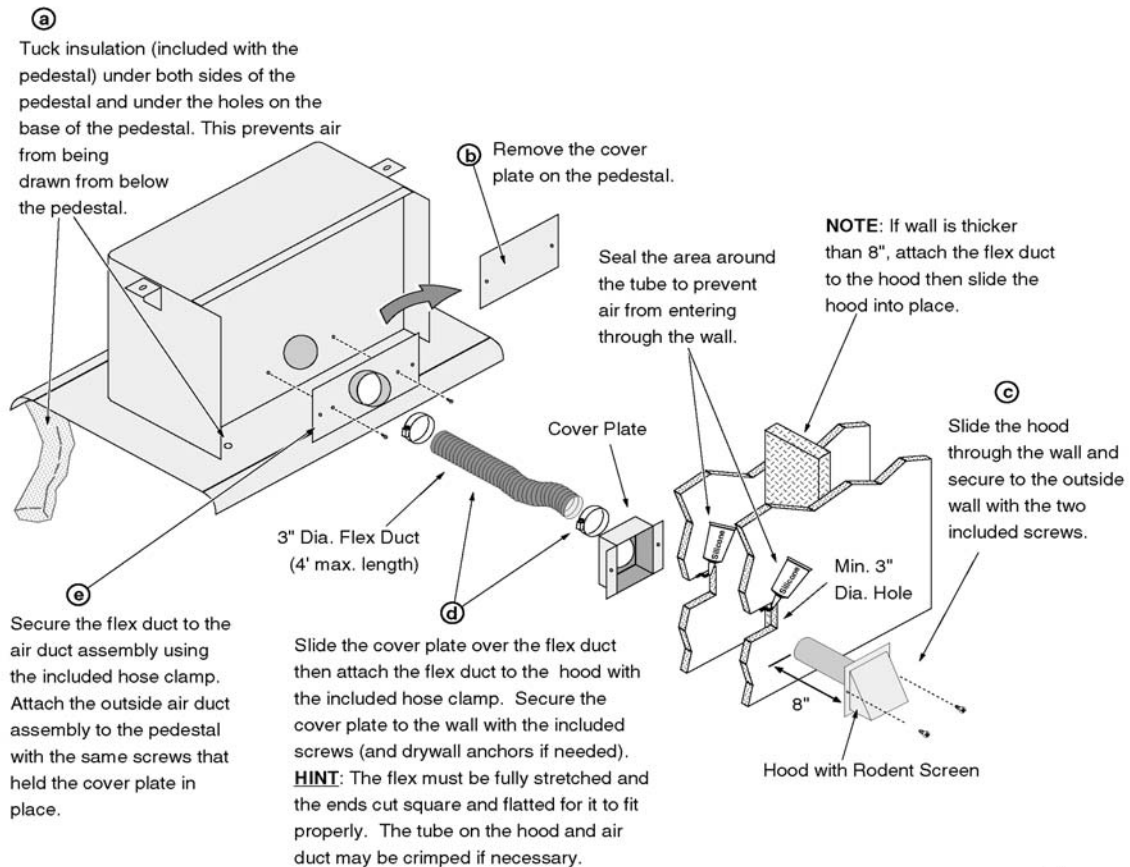
Remove the two screws on the cover plate to remove the piece that fits over the air control rod. Then replace the piece when the cover plate is in place.





## New Large Pedestals

Example Shown - Avalon



## New Large Pedestals

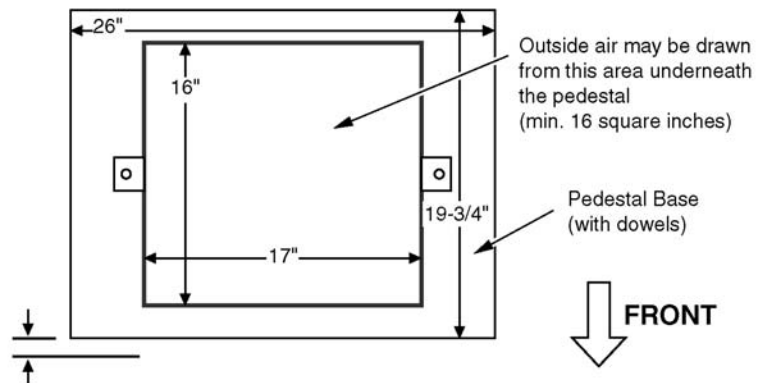
Example Shown - Avalon

### Top View

The faceplate of the Rainier (45/90) is 1-1/2" behind the forward edge of the pedestal base.

The faceplate of the Olympic is 1/4" in front of the forward edge of the pedestal base.

The faceplate of the 1750 is 2-1/2" in front of the forward edge of the pedestal base.

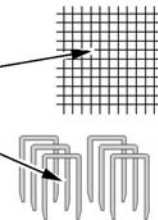


Insulation is used to seal the side edges of the pedestal .



Screen is used to prevent rodents from entering.

Staples are used to attach the screen to the floor.



## Pedestal - Avalon Ashpan

### Avalon Ashpan Installation Instructions

Part # 99200125

#### CHECK CONDITION OF SHIPMENT

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

#### COMPATIBILITY

Avalon Rainier-90's (990) with Serial Number 4076 or Larger  
Avalon Olympics (1190) with Serial Number 9760 or Larger

#### TOOLS REQUIRED

- Large Screwdriver
- 9/16" Wrench
- 7/16" Wrench

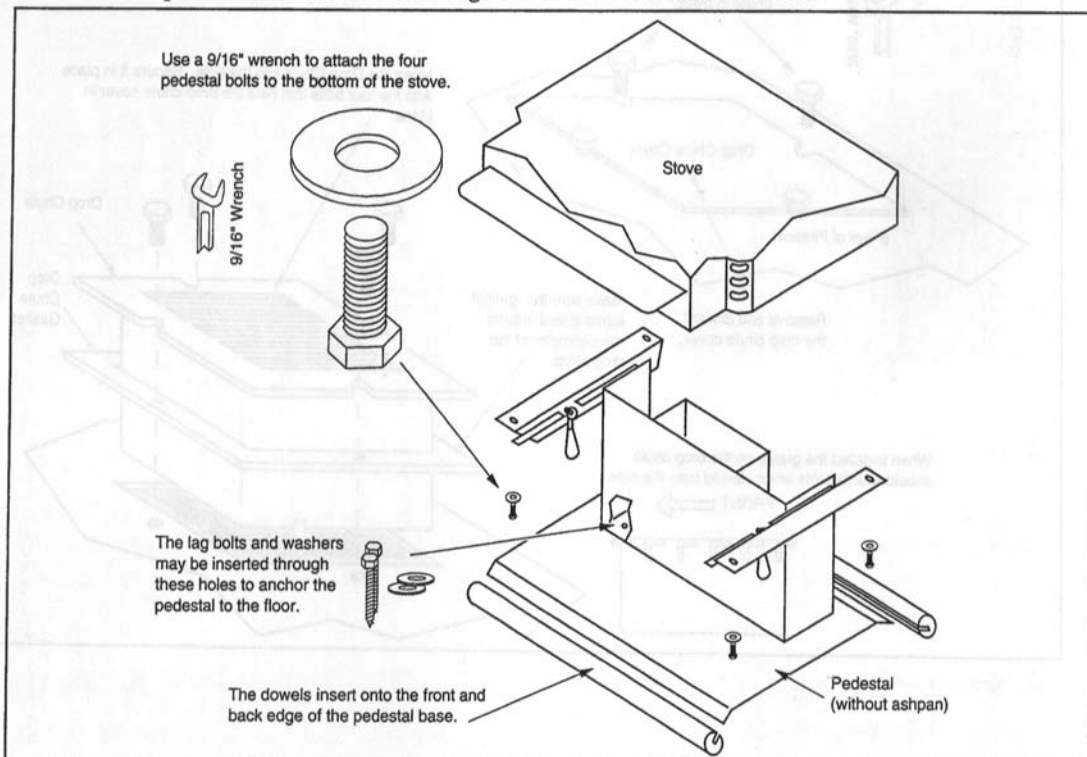
#### PACKING LIST

- Pedestal
- Ashpan
- Four 3/8"x3/4" Bolts & Washers
- Four Bricks (only two are used - see the instructions below)
- Drop Chute
- Stove Gasket Cement
- Two Dowels
- Two Lag Bolts, Washers
- Drop Chute Gasket
- Outside Air Equipment (Rodent Screen, Staples, Cover Plate, Insulation)

#### INSTALLATION INSTRUCTIONS

? If using outside air, see "Outside Air Installation" on page 4 & 5 of these instructions.

- 1 Place the pedestal into position on the floor protection. Lift the pedestal up and insert the two dowels included with this kit onto the forward and rear edge of the pedestal base. Lift the stove onto the pedestal base (with the ashpan removed). Line up the press-nuts on the bottom of the stove with the two attachment brackets on the pedestal. Insert the four bolts, with washers, through the brackets on the pedestal and into the stove. Tighten the bolts with a 9/16" wrench.



## Mantle Shield

Mantel Shield

#99100100

### CHECK CONDITION OF SHIPMENT

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

### COMPATIBILITY

• Lopi Revere • Avalon 745/790 • Avalon 945/990 • Avalon 1190

### PACKING LIST

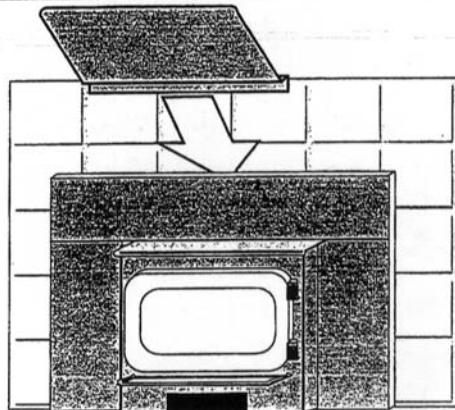
• Mantel Shield • Instruction Sheet

### INSTALLATION INSTRUCTIONS

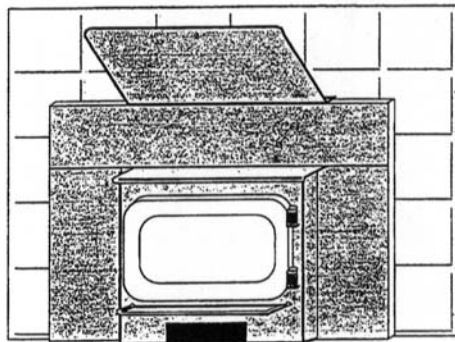
The mantel shield may be used with the fireplace inserts listed above to reduce the mantel clearance. Follow the clearances listed in the owner's manual.

1. Slide the mantel shield between the top surround panel and facing (see the illustration below). Gravity will hold it in place.

Center the mantel shield over the insert and slide it behind the surround panel.

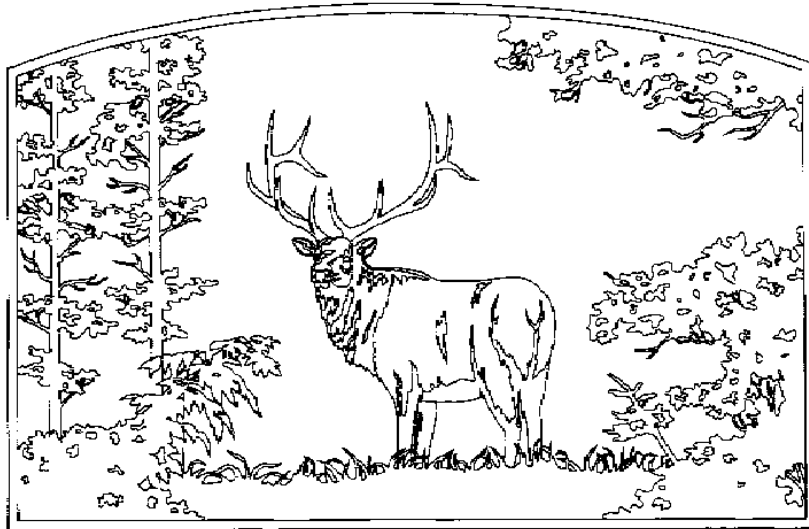


When in place it will look like this.



# TRAVIS INDUSTRIES WOOD PRODUCTS

---

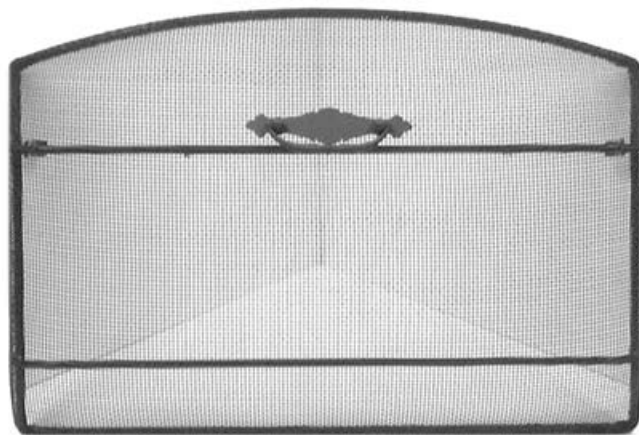


## ELK

**LOPI Etched Glass  
Large & Small Sizes**



## **Fire Screens**



**For LOPI  
in Large & Small Sizes**

**For Avalon  
in Large Only**

## Panels

### Panel Set, Avalon

#### CHECK CONDITION OF SHIPMENT

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

#### COMPATIBILITY

- Avalon Pendleton
- Avalon Rainier
- Avalon Olympic

#### ITEMS NEEDED FOR ASSEMBLY

- 5/16" and 3/8" Nutdriver
- Small & Large Standard Screwdriver
- Drill with 11/64" Bit

#### PACKING LIST

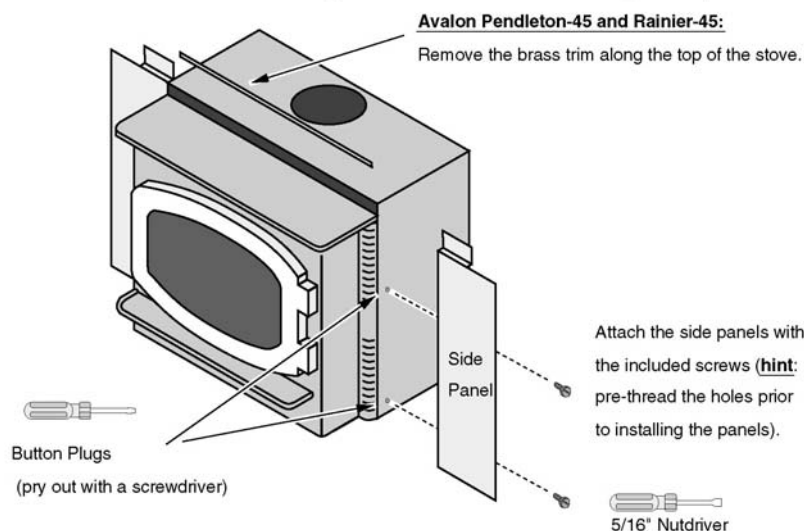
- Top Panel
- Two Side Panels
- Trim (& hardware)
- Insulation
- (4) 10-24 Type F Thread-Cutting Screws
- 7 Spring Clips

#### PANEL SIZING and PART NUMBERS

Model	Size	Size Installed (including trim)	Black Trim
Pendleton (745/790)	8"	39 7/8" wide by 28" high	99300300
Pendleton (745/790)	10"	43 7/8" wide by 30" high	99300301
Pendleton (745/790)	12"	47 7/8" wide by 32" high	99300302
Rainier (945/990)	8"	41 3/4" wide by 28 7/8" high	99300306
Rainier (945/990)	10"	45 3/4" wide by 30 7/8" high	99300307
Rainier (945/990)	12"	49 3/4" wide by 32 7/8" high	99300308
Olympic (1190)	8"	45 1/4" wide by 28 7/8" high	99300312
Olympic (1190)	10"	49 1/4" wide by 30 7/8" high	99300313
Olympic (1190)	12"	53 1/4" wide by 32 7/8" high	99300314

#### INSTALLATION INSTRUCTIONS

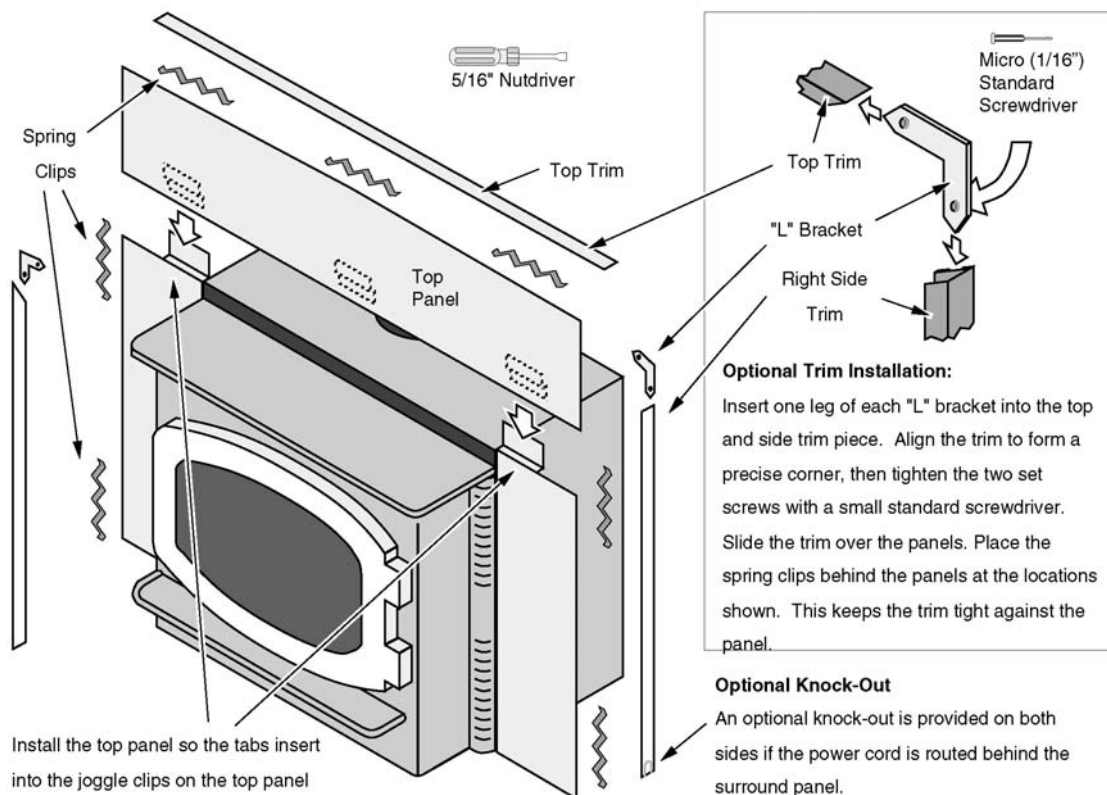
1. With the insert 12" from the fireplace, install the side surround panels (see the directions below).



## Panels

### Panel Set, Avalon

2. Adjust the position of the side panels so they are: 1) flush with the bottom of the insert; 2) both the same distance back from the front of the insert; 3) perpendicular to the floor (use the top panel, if necessary, to judge alignment). Tighten the screws that hold the side panels in place.
3. Place the insert into the fireplace and connect the flue (if using a positive or direct connection). Install the top panel and trim following the directions below.



### Insulation Installation (required only for face seal installations)

1. With the insert drawn 6" from the fireplace, glue the insulation strip included with the insert to the back of the panels using RTV silicon or stove gasket cement. The insulation should be installed so it overlaps the fireplace opening to form a seal between the panels and the fireplace face. Let the silicon or cement dry.
2. Push the insert into the fireplace, allowing the insulation to form a seal between the panels and the fireplace. Use a screwdriver to tuck any exposed insulation behind the panels.



## Panels

### Panel Set, Answer - 2003

(see part #'s below)

#### ***CHECK CONDITION OF SHIPMENT***

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

#### ***COMPATIBILITY***

- Lopi Answer

#### ***ITEMS NEEDED FOR ASSEMBLY***

- 5/16" Nutdriver
- Small & Large Standard Screwdriver

#### ***PACKING LIST***

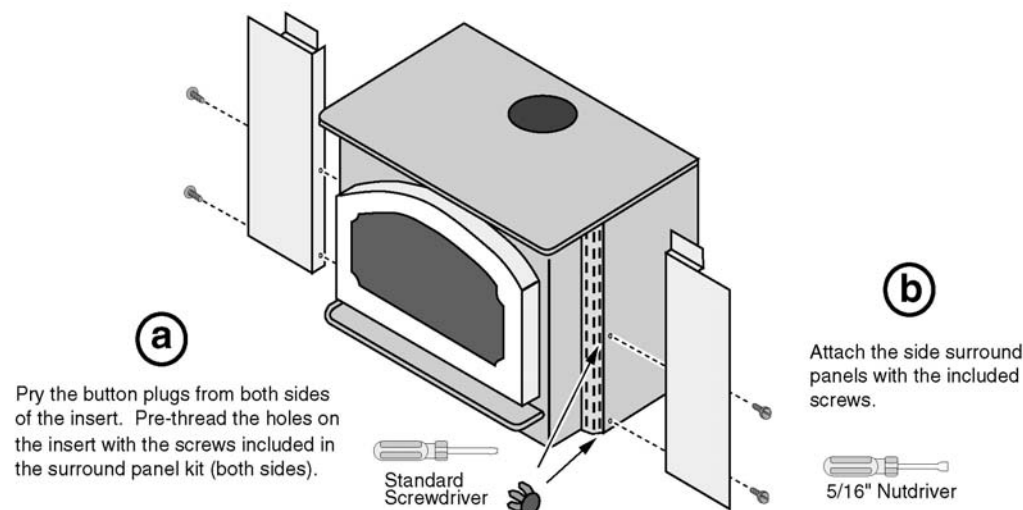
- Top and Side Panels
- Four 10-24 Self-Threading Screws
- Insulation
- Trim (with hardware)
- Two Leveling Bolts – for leveling the stove in the fireplace
- (7) Spring Clips

#### ***PANEL SIZING and PART NUMBERS***

Surround Panel Size	Size (Including Trim)	Black Trim #
8"	40 1/8" width by 28 1/4" height	99300285
10"	44 1/8" width by 30 1/4" height	99300286

#### ***INSTALLATION INSTRUCTIONS***

1. With the insert 12" from the fireplace, install the side surround panels (see the directions below)

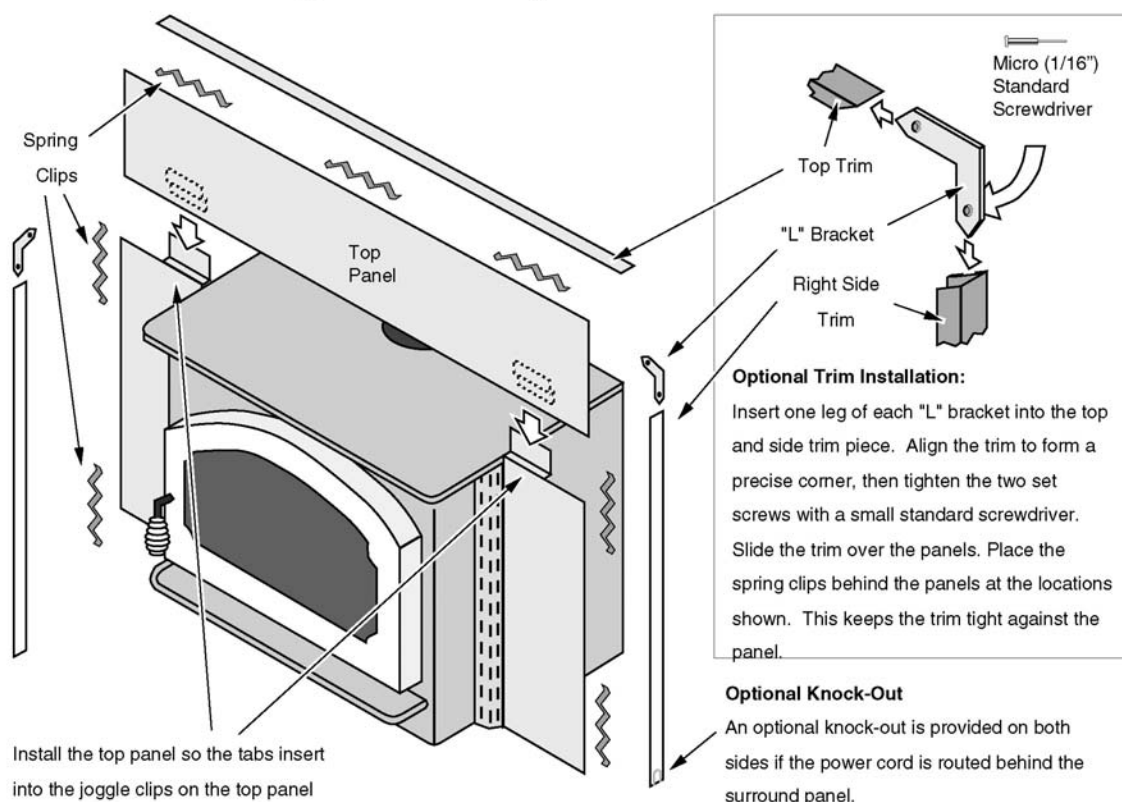


## Panels

### Panel Set, Answer - 2003

(see part #'s below)

2. Adjust the position of the side panels so they are: 1) aligned with the top of the insert; 2) both the same distance back from the front of the insert; 3) perpendicular to the floor (use the top panel, if necessary, to judge alignment). Tighten the screws that hold the side panels in place.
3. Place the insert into the fireplace and connect the flue (if using a positive or direct connection). Install the top panel and trim following the directions below.



### Insulation Installation (required only for face seal installations)

1. With the insert drawn 6" from the fireplace, glue the insulation strip included with the surround panel kit to the back of the panels using RTV silicon or stove gasket cement. The insulation should be installed so it overlaps the fireplace opening to form a seal between the panels and the fireplace face. Let the silicon or cement dry.
2. Push the insert into the fireplace, allowing the insulation to form a seal between the panels and the fireplace. Use a screwdriver to tuck any exposed insulation behind the panels.

## Panels

### Panel Set, Revere - 2003 (see part #'s below)

#### ***CHECK CONDITION OF SHIPMENT***

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

#### ***COMPATIBILITY***

- Lopi Revere
- Lopi Spirit Bay
- Lopi Heritage Bay Insert

#### ***ITEMS NEEDED FOR ASSEMBLY***

- 5/16" and 3/8" Nutdriver
- Small & Large Standard Screwdriver

#### ***PACKING LIST***

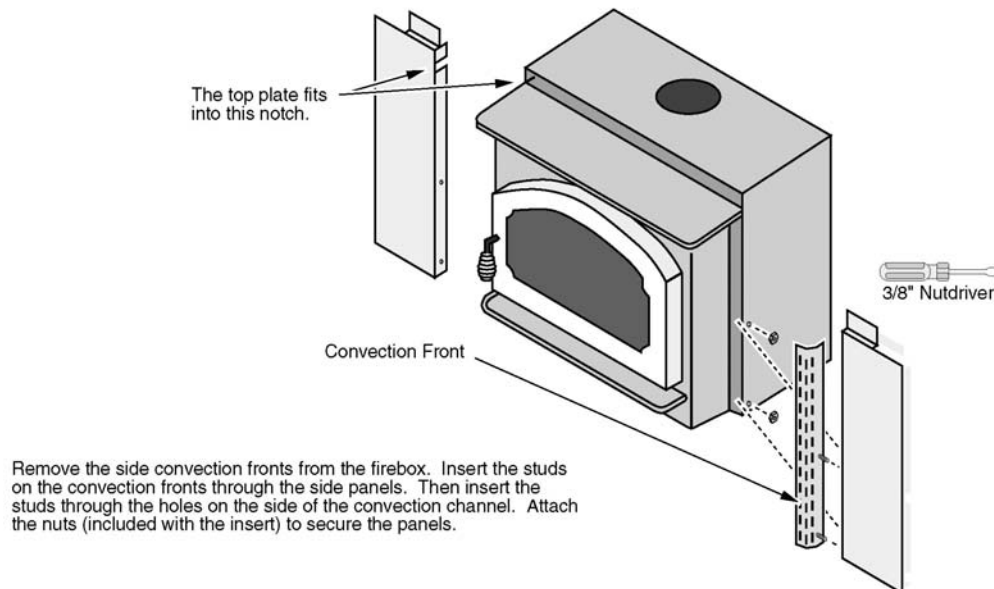
- Top Panel
- Two Side Panels
- (7) Spring Clips
- Trim (& hardware)

#### ***PANEL SIZING and PART NUMBERS***

Size	Height	Width	Black Trim #
8"	27 5/8"	40 3/8 "	99300289
10"	29 5/8"	44 3/8 "	99300290
12"	31 5/8"	48 3/8 "	99300291

#### ***INSTALLATION INSTRUCTIONS***

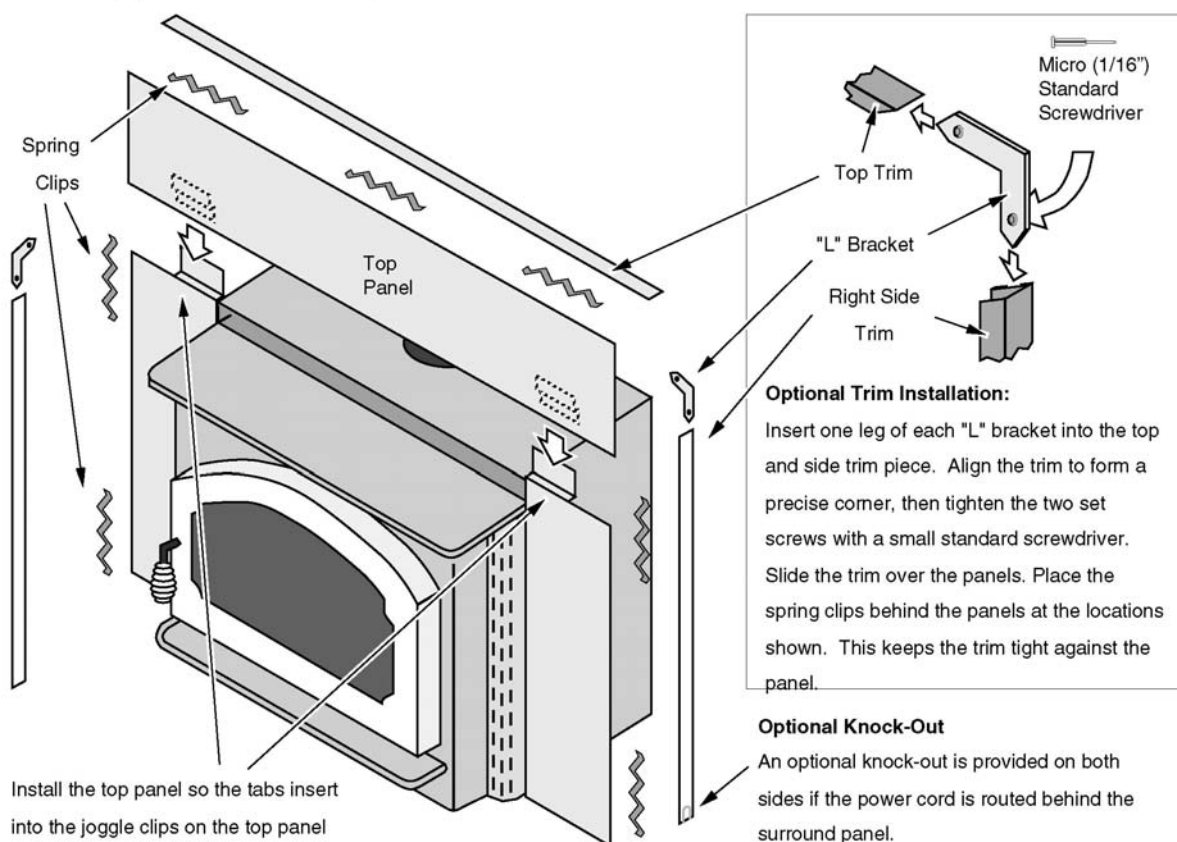
1. With the insert 12" from the fireplace, install the side surround panels (see the directions below).



## Panels

### Panel Set, Revere - 2003 (see part #'s below)

- Adjust the position of the side panels so they are: 1) flush with the bottom of the insert; 2) both the same distance back from the front of the insert; 3) perpendicular to the floor (use the top panel, if necessary, to judge alignment). Tighten the screws that hold the side panels in place.
- Place the insert into the fireplace and connect the flue (if using a positive or direct connection). Install the top panel and trim following the directions below.



### Insulation Installation (required only for face seal installations)

- With the insert drawn 6" from the fireplace, glue the insulation strip included with the insert to the back of the panels using RTV silicon or stove gasket cement. The insulation should be installed so it overlaps the fireplace opening to form a seal between the panels and the fireplace. Let the silicon or cement dry.
- Push the insert into the fireplace, allowing the insulation to form a seal between the panels and the fireplace. Use a screwdriver to tuck any exposed insulation behind the panels.



## Panels

### Panel Set, Freedom & Freedom Bay - 2003 (see part #'s below)

#### ***CHECK CONDITION OF SHIPMENT***

Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

#### ***COMPATIBILITY***

- Lopi Freedom
- Lopi Freedom Bay

#### ***ITEMS NEEDED FOR ASSEMBLY***

- 5/16" and 3/8" Nutdriver
- Small & Large Standard Screwdriver

#### ***PACKING LIST***

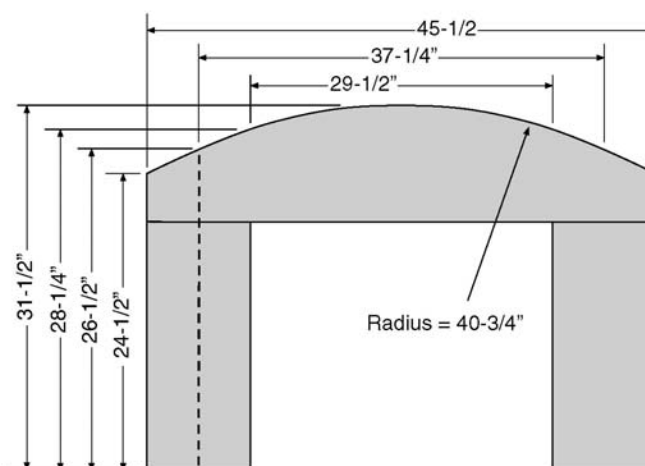
- Top & Side Panels
- Trim (& hardware)
- (7) Spring Clips

**NOTE:** Mounting Hardware is included with the insert.

#### ***PANEL SIZING***

Surround Panel Size	Height	Width	Black Trim #
8"	29 1/2"	45 3/8"	99300293
10"	31 1/2"	49 3/8"	99300294
12"	33 1/2"	53 3/8"	99300295

#### ***Arched Panels (Part # 99300296)***



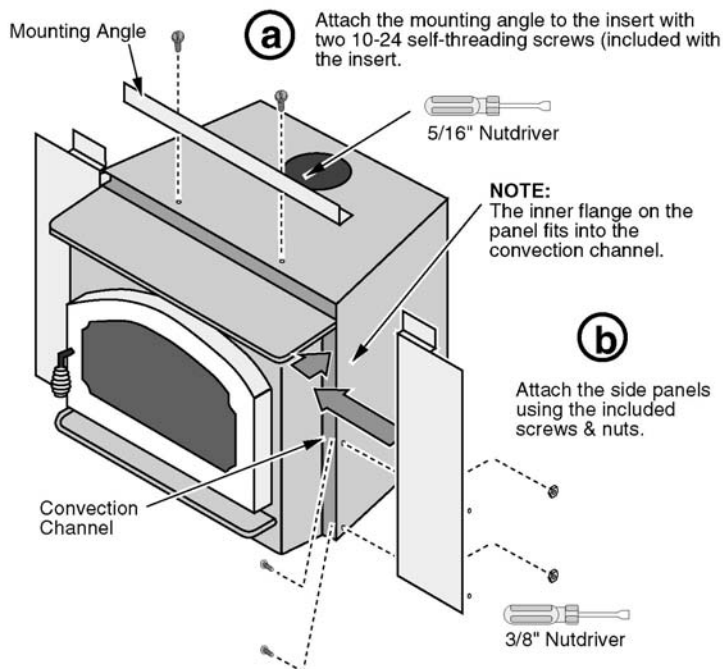
## Panels

### Panel Set, Freedom & Freedom Bay - 2003 (see part #'s below)

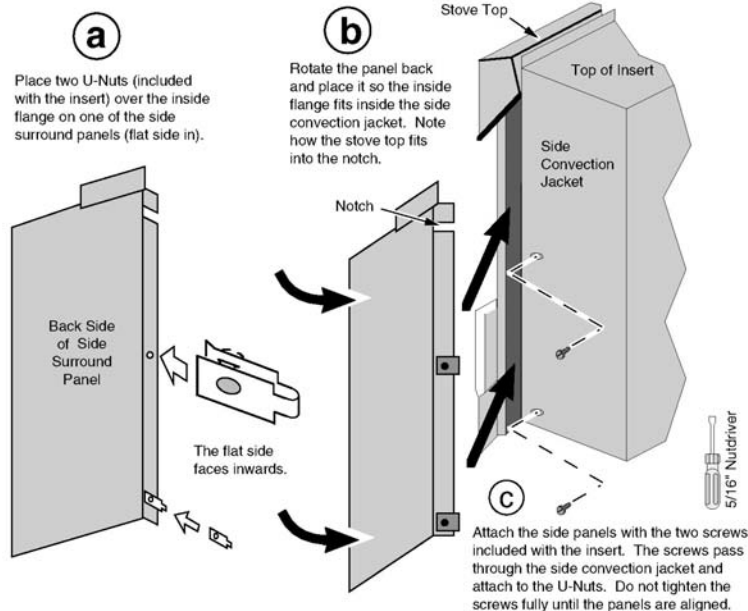
#### INSTALLATION INSTRUCTIONS

1. Position the insert approximately 12" from the fireplace.
2. Install the side surround panels (see the directions below).

#### Freedom



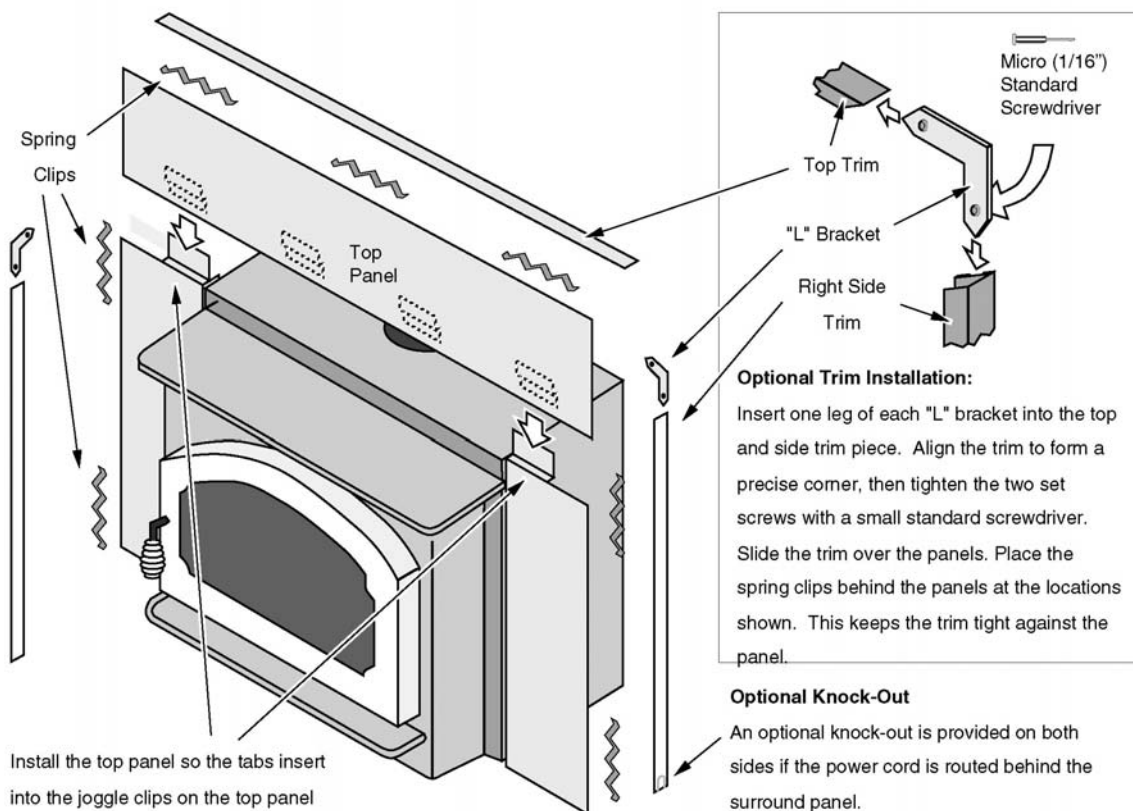
#### Freedom Bay



## Panels

### Panel Set, Freedom & Freedom Bay - 2003 (see part #'s below)

- Adjust the position of the side panels so they are: 1) flush with the bottom of the insert; 2) both the same distance back from the front of the insert; 3) perpendicular to the floor (use the top panel, if necessary, to judge alignment. The Freedom may require slight adjustment of the mounting angle. Tighten the screws that hold the side panels in place.
- Place the insert into the fireplace and connect the flue (if using a positive or direct connection). Install the top panel and trim following the directions below.



### Insulation Installation (required only for face seal installations)

- With the insert drawn 6" from the fireplace, glue the insulation strip included with the surround panel kit to the back of the panels using RTV silicon or stove gasket cement. The insulation should be installed so it overlaps the fireplace opening to form a seal between the panels and the fireplace face. Let the silicon or cement dry.
- Push the insert into the fireplace, allowing the insulation to form a seal between the panels and the fireplace. Use a screwdriver to tuck any exposed insulation behind the panels.





## Wood Appliance Maintenance

WEEKLY	BI-MONTHLY	YEARLY
<ul style="list-style-type: none"> <li>• Remove ash</li> <li>• Clean glass</li> <li>• Clean brass</li> <li>• Check for creosote build-up in the connector and chimney</li> </ul>	<ul style="list-style-type: none"> <li>• Door, door gasket, and glass gasket inspection</li> <li>• Lubricate door hinge with high temperature lubricant</li> </ul>	<ul style="list-style-type: none"> <li>• Check and clean chimney connector, chimney and cap</li> <li>• Check <ul style="list-style-type: none"> <li>- Baffle refractory</li> <li>- Baffle supports</li> <li>- Secondary air tubes</li> <li>- Secondary air tube collars</li> <li>- Floor and wall firebrick</li> <li>- Bypass assembly</li> </ul> </li> <li>• Pull and clean the blower</li> <li>• Clean and touch-up paint the stove</li> <li>• Lubricate the air slide with high temperature lubricant</li> </ul>

# TRAVIS INDUSTRIES WOOD PRODUCTS



## **MAINTENANCE SCHEDULE**

Your appliance requires periodic maintenance to work correctly. The steps involved with maintenance are usually quick and easy. Look through this maintenance schedule and plan accordingly.

**WARNING:** Failure to properly maintain and inspect your appliance may reduce the performance and life of the appliance, void your warranty, and create a fire hazard.

**PERIODIC MAINTENANCE** (every week when appliance is in use):

- Remove ash from the firebox (if necessary)
- Clean the viewing glass (if necessary)
- Clean the brass (if necessary)
- Check for creosote buildup in the chimney and connector

**BI-MONTHLY MAINTENANCE** (every two months during the heating season):

- Door and glass inspection
- Lubricate the door hinge

**YEARLY MAINTENANCE** (before every heating season):

- Touch-up paint
- Blower cleaning
- Firebrick and baffle inspection and cleaning

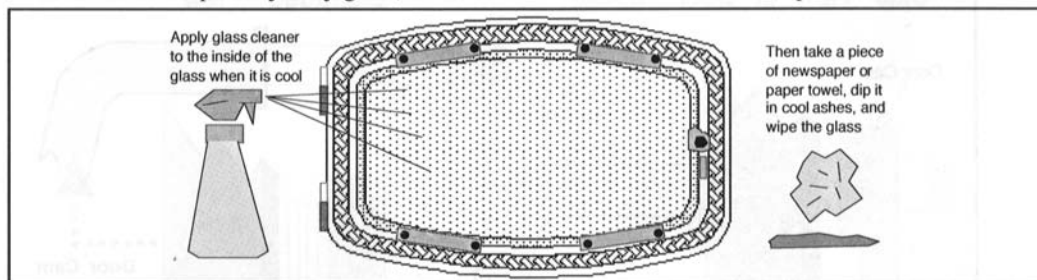
## **REMOVE ASH FROM THE FIREBOX (IF NECESSARY)**

At least once a week while the appliance is in use, check the level of ash on the floor of the firebox. If 1" or more of ash has accumulated, let the appliance cool and place the excess ash into an airtight container away from any structure. After the ash is fully extinguished it may be disposed. A 1/2" to 1" bed of ash is desirable, for it allows the appliance to burn at a slightly lower speed.

**WARNING:** Ashes removed from the appliance must be stored in an airtight container away from any structure until fully extinguished before disposing.

## **CLEAN THE VIEWING GLASS (IF NECESSARY)**

This appliance has an airwash to keep the glass clean. However, burning un-seasoned wood or burning on lower burn rates leads to dirtier glass (especially on the sides). Clean the glass by following the directions below. For especially dirty glass, use fine steel wool to remove build-up.



## **CLEAN THE BRASS (IF NECESSARY)**

If your unit has a brass door, it may be cleaned using a non-abrasive polish (such as FLITZ®) when the appliance is cool. The brass trim and ashlip is anodized, and should be cleaned with soap and water.

## **CHECK FOR CREOSOTE BUILDUP**

Creosote buildup should be checked twice monthly during the heating season. Either look down the chimney from the top or remove a chimney connector section. Any more than 1/4" of buildup requires chimney cleaning. Creosote develops quickest when burning at a low temperature or when burning un-seasoned wood. When wood is burned slowly, it produces tar and other vapors which combine with moisture to form creosote. Creosote vapors condense in the relatively cool chimney flue and creosote residue accumulates on the flue lining. When ignited, this creosote makes an extremely hot fire.

# TRAVIS INDUSTRIES WOOD PRODUCTS

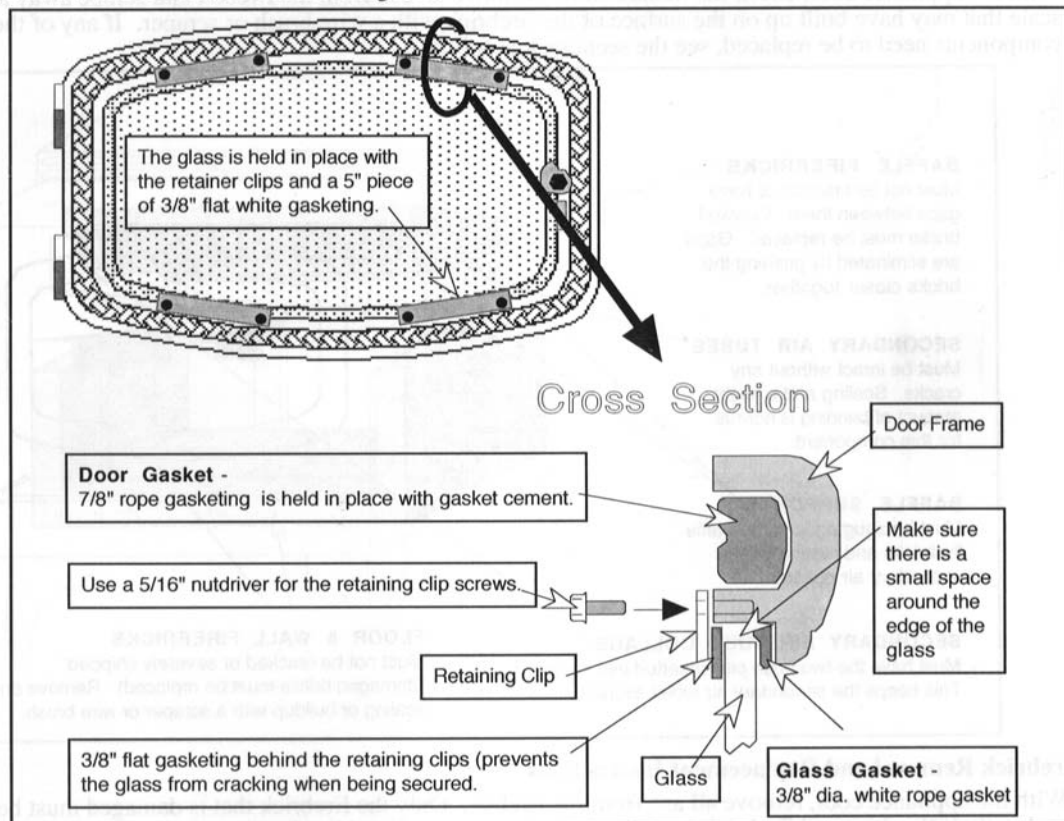


## Replacing the Door Gasket

Remove the door by opening it and lifting it off the hinges. Remove the old gasket by stripping it away with a screwdriver or other tool (see the illustration below). Apply a line of gasket cement (available from your dealer) in the groove that follows the perimeter of the door. Insert the gasket into the groove. Do not stretch the gasket as you place it into the groove. Cut off any excess gasket when done. Allow 2 hours for the cement to dry. When re-installing the door, the gasket may need to be flattened by repeatedly opening and closing the door.

## Replacing the Glass or Glass Gasket

Remove the door by opening it and lifting it off the hinges. Unscrew the eight screws that hold the retaining clips in place with a 5/16" nutdriver (see the illustration above). Carefully remove the glass. Align the 3/8" white rope gasket (new or old) along the ledge that follows the perimeter of the window opening. If using a new gasket, trim off any excess. Place the glass (new or old) in place so there is a small gap between the edge of the glass and the door frame. Make sure the gasket is tucked underneath the glass so the glass does not touch the door frame. Replace the glass retaining clips with 3/8" flat gasketing attached to secure the glass in place. The gasketing is required to prevent the glass from cracking or moving when the clips are secured. Tighten the retaining clips with a 5/16" nutdriver until the gaskets start to flatten. Do not overtighten.



## LUBRICATE THE DOOR HINGE

Periodically lubricate the door hinges with a high temperature lubricant (such as Permatex Industrial ® Anti-Seize). Lubricating the door involves removing the door by opening it and lifting it off the hinges, and placing lubricant on the hinge pins.

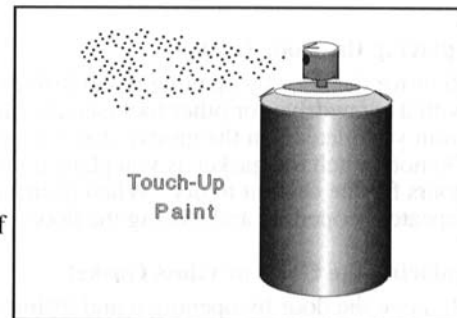


# TRAVIS INDUSTRIES WOOD PRODUCTS



## TOUCH-UP PAINT

Included with the owner's pack of this appliance is a can of Stove-Brite® paint. To touch up nicks or dulled paint, apply the paint while the appliance is cool. Use 120 grit sandpaper (clean with water and dry with a piece of cloth) if the surface requires smoothing. Wait at least one hour before starting the appliance. The touched up area will appear darker than the surrounding paint until it cures from heat. Curing will give off some fumes while curing – open windows to ventilate the fumes.

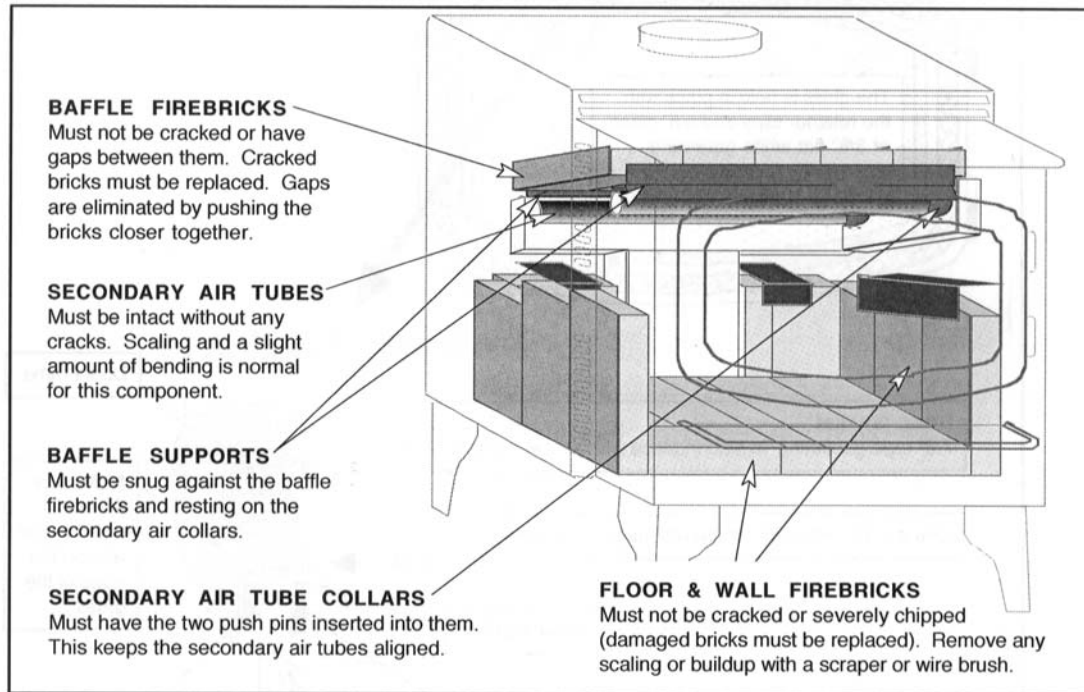


## BLOWER CLEANING

The optional blower for this appliance will gather dust as it circulates air. Before cleaning, remove the blower from the appliance (instructions are included in "Optional Equipment" section in the back of this manual). Remove all dust and debris from the blower grill and around the interior of the blower.

## FIREBRICK AND BAFFLE INSPECTION AND CLEANING

With the appliance cool, check the items below. Remove all ash from the firebox and scrape away any scale that may have built up on the surface of the firebrick with a wire brush or scraper. If any of the components need to be replaced, see the sections that follow.



## **Firebrick Removal and Replacement Instructions**

With the appliance cool, remove all ash from the firebox. Only the firebrick that is damaged must be replaced. If the damaged firebrick is on the floor, it can be replaced by simply removing the firebrick in front of it. **NOTE: Do not pry firebrick to remove, this will chip or crack the firebrick.** If a firebrick on the wall of the firebox needs replacement, the floor firebrick near it will need to be removed first. The wall firebrick is held upright by a clip on the walls of the firebox. To remove, pivot it out from the bottom. See the illustration on the following page.

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Firebrick Removal and Replacement Instructions (Continued)

### WALL FIREBRICKS

First remove the firebricks on the floor in front of the firebrick needing replacement. Then pivot it out from the bottom to clear the clip that holds it in place.

### FLOOR FIREBRICKS

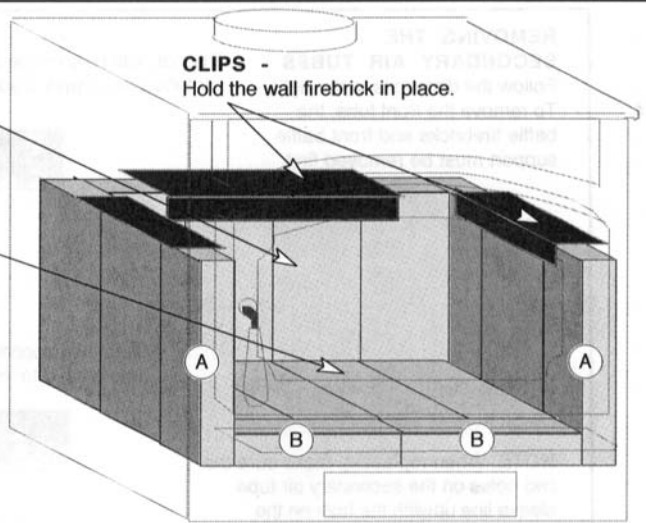
Remove the firebricks in front of the firebrick needing replacement.

### FIREBRICK SIZES -

All firebrick is 1 1/4" x 4 1/2" x 9" except those labeled.

Firebrick labeled (A) are 1 1/4" x 2 1/2" x 9".

Firebrick labeled (B) are 1 1/4" x 1 3/8" x 9".



## Baffle Removal and Replacement Instructions

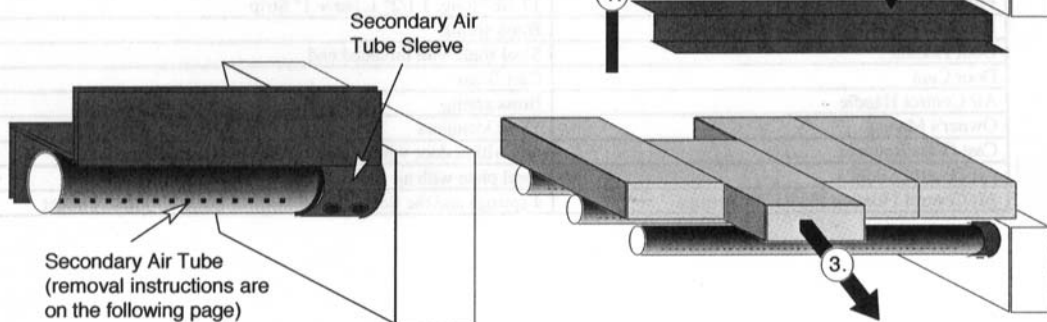
All of the baffle components are removable to facilitate easy cleaning and repairs. Make sure the appliance is cool before removing any of the components. The directions below detail the procedure for removing the baffle firebricks and front baffle support. See the instructions on the following page for removing the secondary air tubes.

### REMOVING BAFFLE FIREBRICKS AND FRONT BAFFLE SUPPORT

Lift up on the front portion of all four firebricks. Then rotate the front baffle support forward until it can be removed. Then slide the baffle firebricks forward and out the door opening. The center bricks must be removed prior to removing the outer bricks.

### NOTE:

When replacing the front baffle support, make sure it rests squarely on the secondary air tube sleeves on both ends.

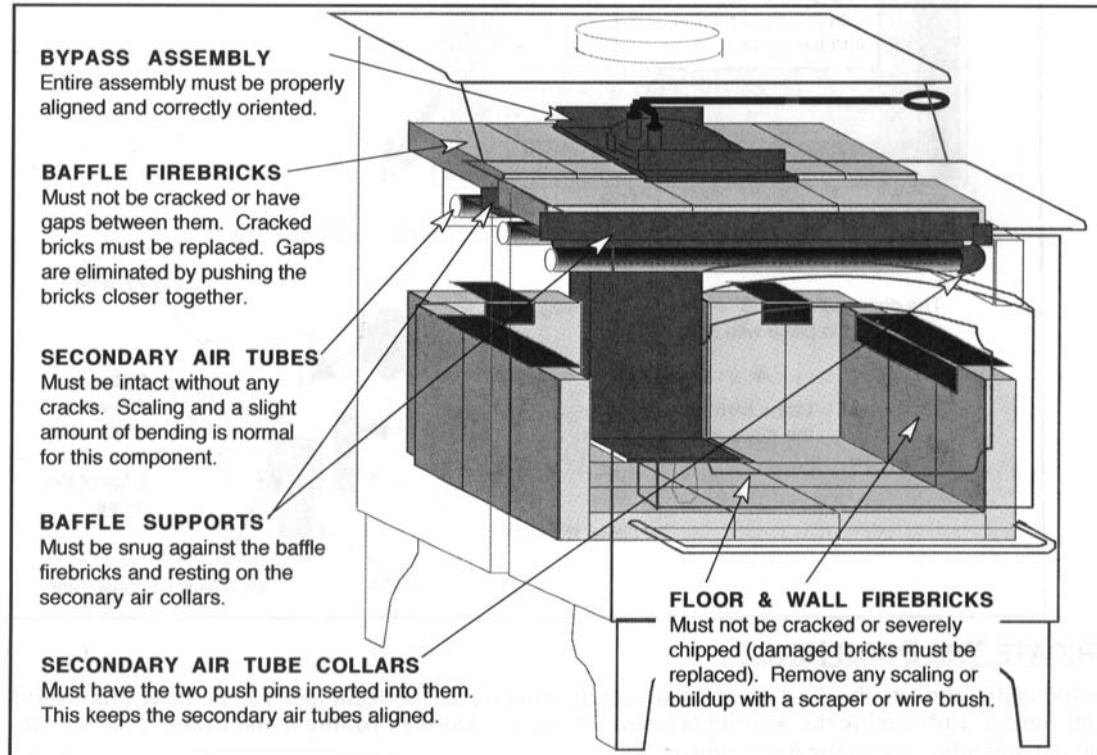


# TRAVIS INDUSTRIES WOOD PRODUCTS



## FIREBRICK AND BAFFLE INSPECTION AND CLEANING

With the appliance cool, remove all ash from the firebox and scrape away any scale that may have built up on the surface of the firebrick with a wire brush or scraper. Any of the firebrick on the floor or walls of the firebrick that is cracked must be replaced (see the section "Firebrick Removal and Replacement Instructions"). Next, inspect the baffle components. The illustration below details the areas that must be inspected. If any of the components need to be replaced, see the section "Baffle Removal and Replacement Instructions".



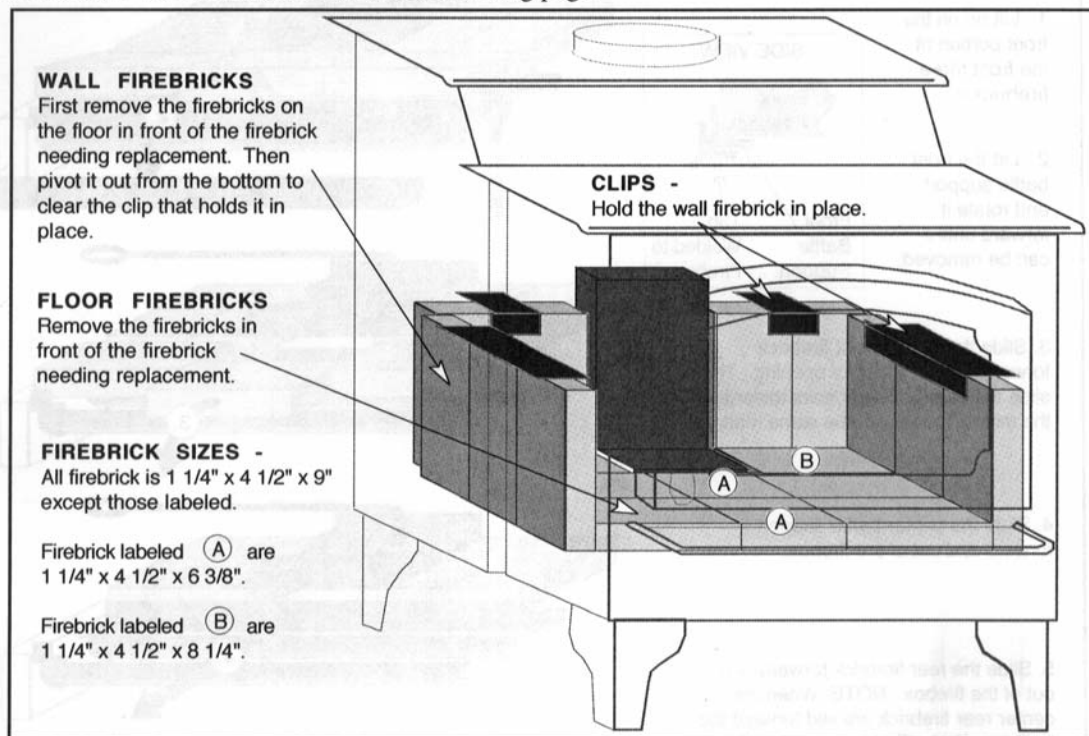


# TRAVIS INDUSTRIES WOOD PRODUCTS



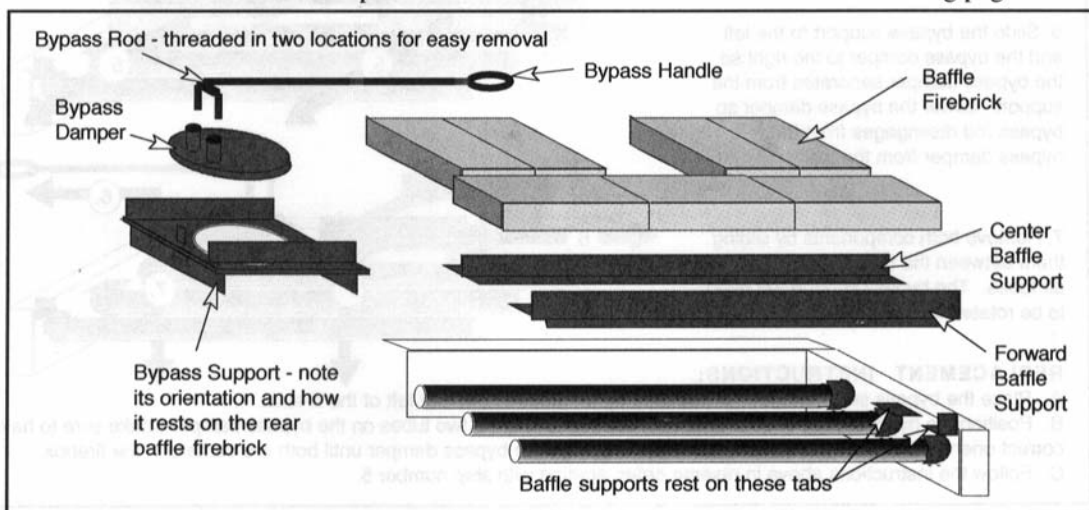
## Firebrick Removal and Replacement Instructions

With the appliance cool, remove all ash from the firebox. Only the firebrick that is damaged must be replaced. If the damaged firebrick is on the floor, it can be replaced by simply removing the firebrick in front of it. **NOTE: Do not pry firebrick to remove, this will chip or crack the firebrick.** If a firebrick on the wall of the firebox needs replacement, the floor firebrick near it will need to be removed first. The wall firebrick is held upright by a clip on the walls of the firebox. To remove, pivot it out from the bottom. See the illustration on the following page.



## Baffle Removal and Replacement Instructions

The view below details the baffle components. Instructions for removal are on the following page.



# TRAVIS INDUSTRIES WOOD PRODUCTS



## Baffle Removal and Replacement Instructions (continued)

All of the baffle components are removable to facilitate easy cleaning and repairs. Make sure the appliance is cool before removing any of the components. See the instructions on the following page for removing the secondary air tubes.

### REMOVING BAFFLE COMPONENTS

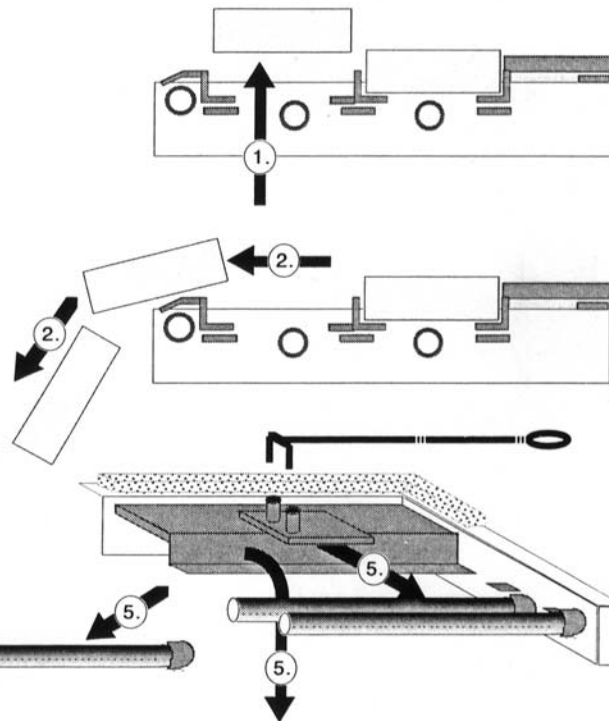
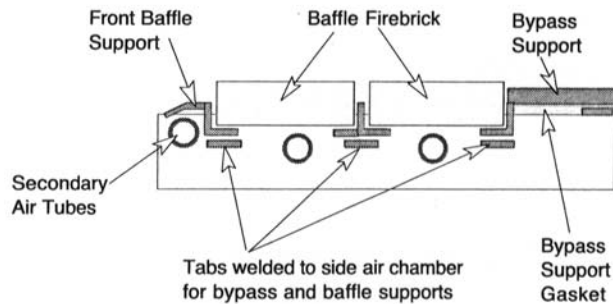
1. Push the front firebricks up from the bottom.

2. Feed the front firebricks forward and out through the space between the front baffle support and the front of the firebox.

3. Repeat steps 1 and 2 for the rear baffle firebricks.

4. Remove the front and rear baffle supports in the same manner.

5. The bypass support and damper are difficult to remove and should only be removed if necessary. First remove the rear secondary air tube (see the following page for instructions). Slide the bypass holder forward until the bypass rod can be disconnected from the damper. Remove the damper by sliding it forward and off its holder. The bypass holder is removed by sliding it forward and rotating it downwards (the bypass holder fits very snug inside the firebox and is very heavy, making it difficult to remove). The bypass holder gasket rests on the side and rear air channels, try not to damage it when removing the bypass holder.



### REPLACEMENT INSTRUCTIONS:

Follow the instructions in reverse order, making sure the following is fulfilled:

- Make sure the bypass holder is all the way back when reinstalled
- Once the bypass holder is in place, tuck the bypass holder gasket underneath it to form an air-tight seal
- Make sure the bypass damper is oriented correctly (see the illustration above)
- Make sure the bypass rod inserts correctly into the bypass damper
- Make sure the front baffle support is oriented correctly and put in flat

## Baffle Removal and Replacement Instructions (Continued)

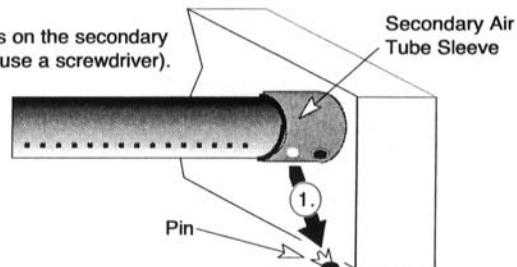
### REMOVING THE SECONDARY AIR TUBES

Follow the directions to the right.  
To remove the front tube, the  
baffle firebricks and front baffle  
support must be removed first.

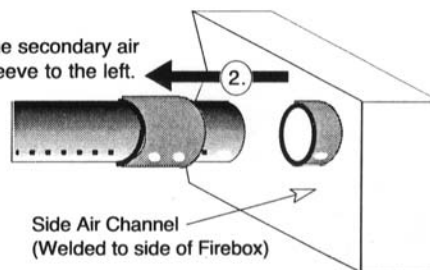
**NOTE:** The back two  
secondary air tubes are  
different from the front  
tube. Make sure to  
procure the correct air tube  
when replacing.

**NOTE:** When replacing, make sure the  
two holes on the secondary air tube  
sleeve line up with the hole on the  
secondary air tube and the hole on the  
air tube stub welded to the side air  
channel.

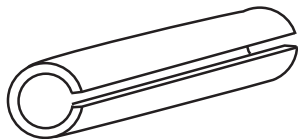
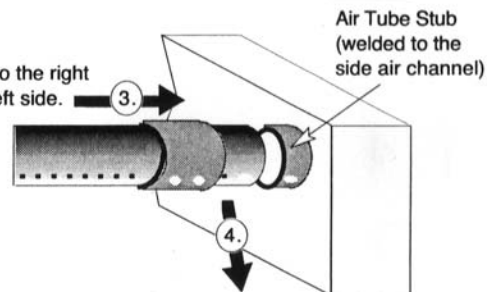
Pry out both pins on the secondary  
air tube sleeve (use a screwdriver).



Slide the secondary air  
tube sleeve to the left.



Slide the secondary air tube to the right  
until it disengages from the left side.



- New roll pins to hold air tube
- Hammer in to install
- Drive through into air tube to remove



# TRAVIS INDUSTRIES WOOD PRODUCTS



**TRAVIS INDUSTRIES**  
**HOUSE OF FIRE**

## Wood Appliance Annual Service Procedure

Name \_\_\_\_\_ Phone # \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Appliance Brand \_\_\_\_\_ Model \_\_\_\_\_

Check Procedure	✓	Comments Corrections or Recommendations
Check Clearance to Combustibles		
Check Chimney Connector for Blockage/Creosote Etc.		
Check Chimney Integrity		
Tile		
Class A Chimney		
Liner System		
Check Chimney for Creosote Build-Up/Soot Etc.		
Check Flashing Seal		
Check Wall Trim Seal		
Check Attic Space Where		
Chimney Passes Through		
Check Air Tube Integrity		
Check Baffle Retainers		
Check Baffle and Ceramic Brick		
Check Door Gasket & Glass Gasket		
Check Door Seal		
Check Air Control Operation		
Check Bypass Operation		
Clean Out Ashes		
Check Ash Pan Seal		
Empty Ash Pan		
Check Face Seal (Insert)		
Remove and Clean Convection Blower		
Clean Glass		
Polish Brass		
Finish/Looks Touch-Up		

# TRAVIS INDUSTRIES WOOD PRODUCTS



## Homeowner Questions About Operations:

## Appliance Concerns:

## Recommendations:

Date \_\_\_\_\_ Serviced By \_\_\_\_\_

Company \_\_\_\_\_

This Annual Service Was Reviewed With Me

\_\_\_\_\_  
Homeowner Signature

## Next years Service Appointment:

Month \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_





# FPX WOOD FIREPLACES

---

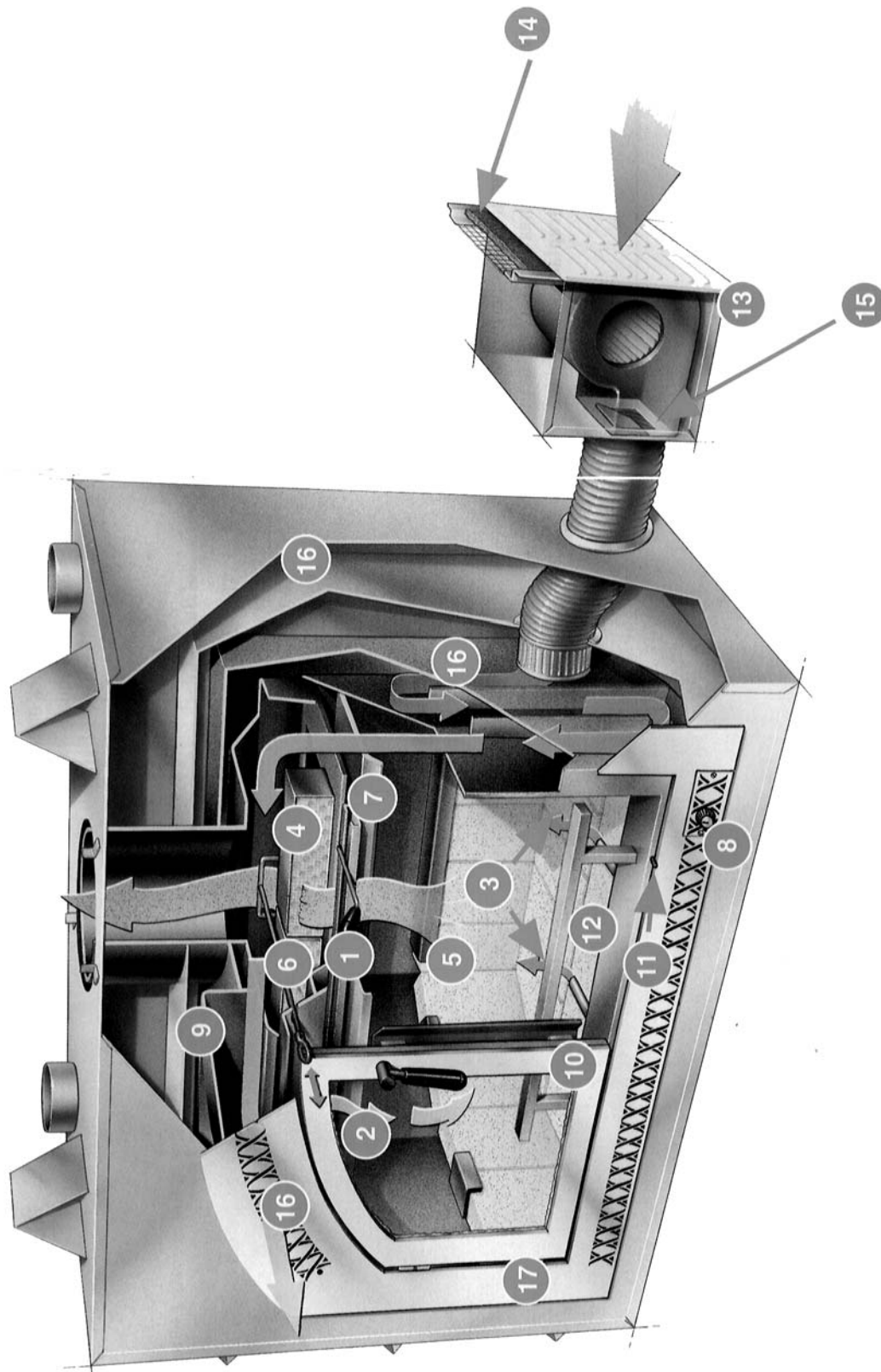


Wood Burning Fireplaces

Catalytic Maintenance

Wood Fireplace Installation

# FPX WOOD FIREPLACES



# FPX WOOD FIREPLACES

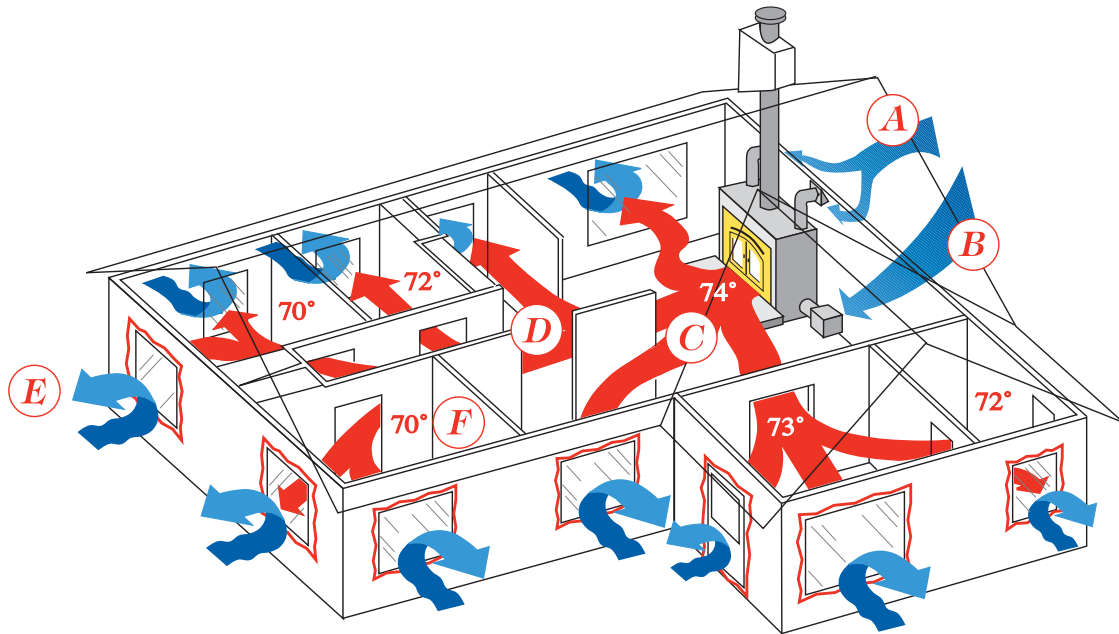
---



## Key To Cutaway Illustration

1. Single air control
2. Air wash keeps soot buildup to a minimum
3. Primary air inlet
4. Catalytic combustor produces low emissions
5. Refractory lined firebox
6. Catalytic bypass allows quick fire start and smoke free wood loading
7. Heavy steel baffle
8. Variable speed blower control
9. Heavy gauge, welded steel firebox
10. Large double door (single door option on 36 Elite)  
Large fireviewing area
11. Blower micro switch shuts off blower when opening door(s)
12. Log retainer keeps wood from rolling out
13. 388 CFM blower draws fresh outside air to pressurize the home and provide outside air for combustion
14. Washable air filter
15. Barometric damper keeps cold air from entering home when fireplace is not in use
16. Convection chamber circulate and heats the air for maximum heat transfer
17. Finish face, available in black, gold plated and Artisan hand-hammers finishes

## Posi-Pressure



**A.** Cool air intake for cooling fireplace shell and chimney. After cooling the fireplace and chimney, this air exits out of the other wall of the chimney.

**B.** Outside Air is drawn in via a quiet 388 CFM blower, for Combustion & Posi-Pressure Distribution.

**C.** Outside air is heated and forced into your home through a unique process called "Posi-Pressure."

**D.** The pressurized heated air naturally "seeks out" and penetrates cold spaces, warming the entire home evenly.

**E.** By pressurizing the home you effectively seal cracks, leaks and other drafty spots by preventing cold air infiltration into your home.

**F.** The Fireplace Xtrordinair heats evenly throughout your home, not just a room or two.

## Catalytic Combustor

### Catalytic Combustor

- **Honeycomb Ceramic**
- **Coated With Noble Metal**
- **Reduces Ignition Temperature of Smoke By 50%**

**NEVER BURN  
WOOD WITH  
GALVANIZED  
NAILS!**

Will Cause the  
combustor to  
explode

- Due to the huge firebox size, a catalytic combustor is used to clean up the smoke as it leaves the fireplace.
  - Combustors are a honey-combed ceramic material.
  - The ceramic is coated with a noble metal which decreases the ignition temperature of the smoke passing through it by 50%.
  - The metal that is used for the coating is Platinum or Palladium.
  - Care must be taken not to burn colored newsprint, foam cups, paper plates, trash, etc.
- These material will quickly plug up and damage the combustor.
- **CAUTION:** The combustor will become brittle with time. Handle it with care.

# FPX WOOD FIREPLACES

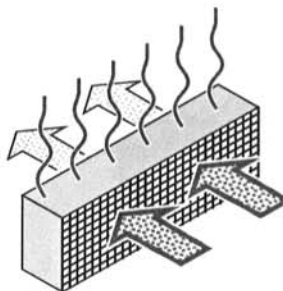


## Maintaining Catalytic Burn-Off

This fireplace uses a catalytic combustor to increase heat transfer to the room and reduce emissions.

The catalytic combustor takes dirty smoke and turns it into extra heat and cleaner emissions.

**NOTE:** If the combustor is engaged (bypass closed) when the fireplace is still cool, it will not work, leading to dirty smoke, no extra heat, and a dirtier combustor.



**Warning:** The bypass control becomes hot during operation - use gloves or a tool to prevent burns.

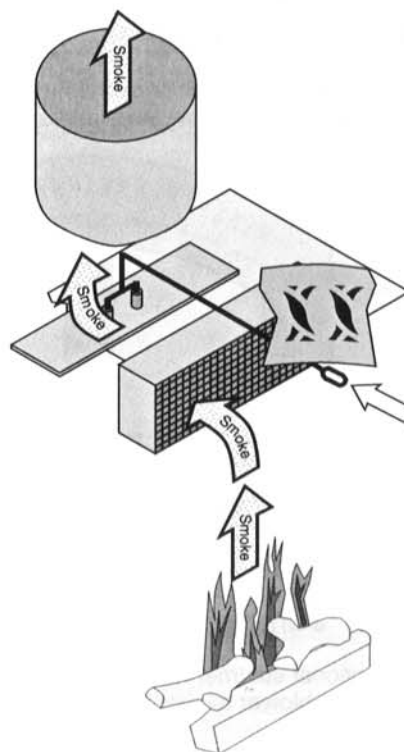
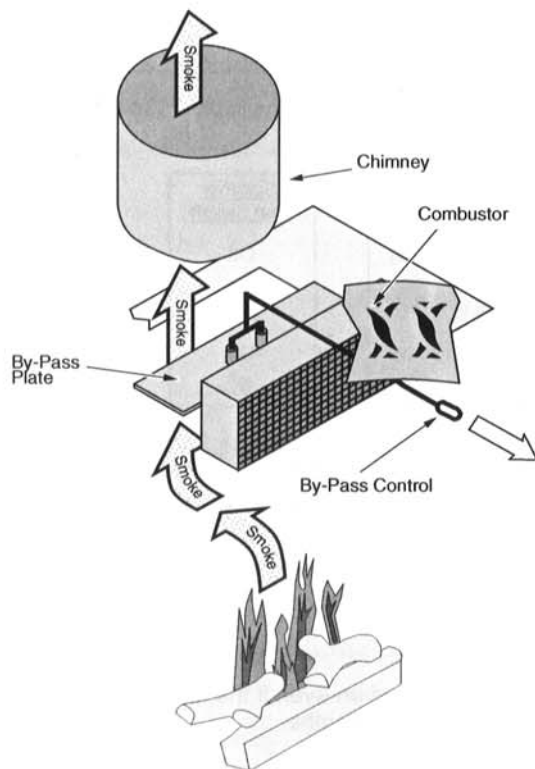
Follow the directions below to utilize the combustor to its fullest potential.

- Keep the by-pass open (pulled out) until the fireplace becomes hot (approximately 15 to 30 minutes).
- Close the by-pass (push in) when the fireplace is hot.
- Keep the by-pass closed (pushed in) while the fireplace is operating, except when re-loading.

**Hint:** The combustor can be viewed through the glass from below. You will notice the combustor glowing red when the combustor is working effectively.

With the by-pass open (pulled out), the smoke passes through the by-pass and does not go through the combustor.

With the by-pass closed (pushed in), the smoke passes through the combustor.

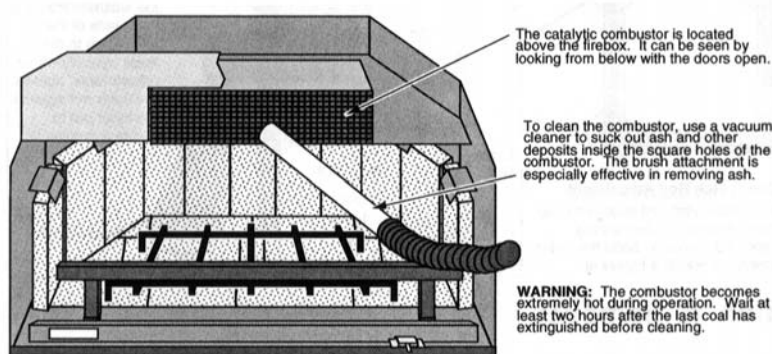


- An optional combustor temperature probe is available from your dealer. It allows you to monitor the combustor temperature, which light off if the temperature is above 600° F.



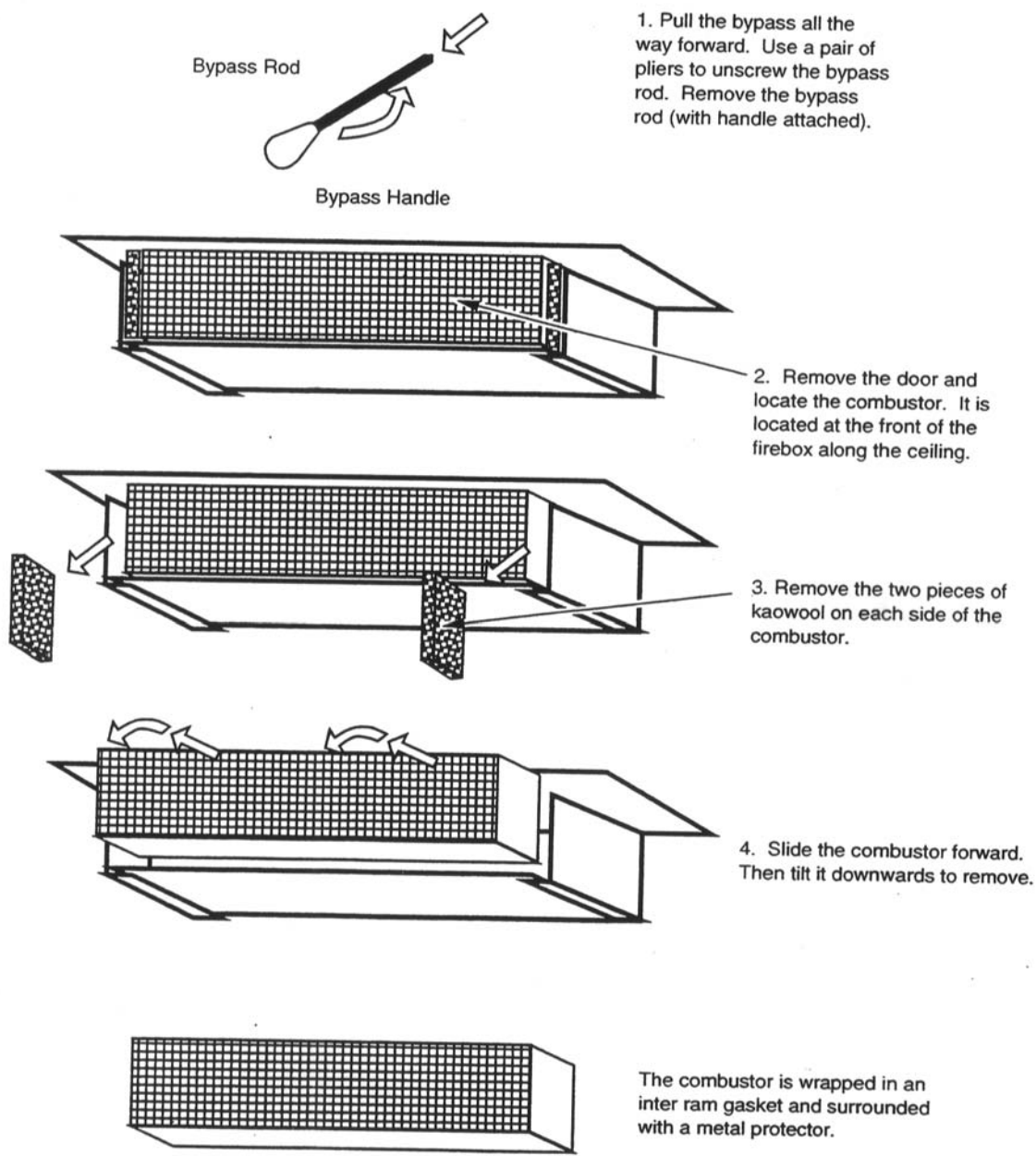
## Catalytic Combustor

- **Cleaning Ash From The Combustor**
  - With the fireplace completely cool (at least two hours after the last coal has extinguished), use a vacuum cleaner to draw all ash from the combustor



- **Cleaning The Combustor**
  - Boil in a water/vinegar solution
  - Rinse
  - Boil in clean water
  - Oven dry (350°F) or air dry for 24 hours

## Replacing Catalytic Combustor 36 Elite & 44 Elite



# FPX WOOD FIREPLACES



**TRAVIS INDUSTRIES**  
**HOUSE OF FIRE**

## Wood Fireplace Annual Service Procedure

Name \_\_\_\_\_ Phone # \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Appliance Brand \_\_\_\_\_ Model \_\_\_\_\_

Check Procedure	✓	Comments Corrections or Recommendations
Check Clearance to Combustibles		
Check Chimney for Blockage, Creosote		
Check Chimney Integrity		
Check Bypass Operation		
Check Steel Baffle		
Check Fire Grate		
Check Brick Refractory		
Check Catalyst and Gasket		
Check Thermo Disk		
Check Air Shutter		
Check Door Micro Switch		
Check Door Seal		
Check Door Gasketing		
Clean Glass and Check Gasket		
Clean Fire Box		
Check Air Blower Operation and Clean Filter		
Check Roof Flashing Seal		
Check Attic Penetration		
Check Outside Seal and Air Ducts and Blowers		
Check Blower Rheostat and Summer Switch		

# FPX WOOD FIREPLACES



## Homeowner Questions About Operations:

## Appliance Concerns:

## Recommendations:

Date \_\_\_\_\_ Serviced By \_\_\_\_\_

Company \_\_\_\_\_

This Annual Service Was Reviewed With Me

Homeowner Signature

## Next years Service Appointment:

Month \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

# FPX WOOD FIREPLACES

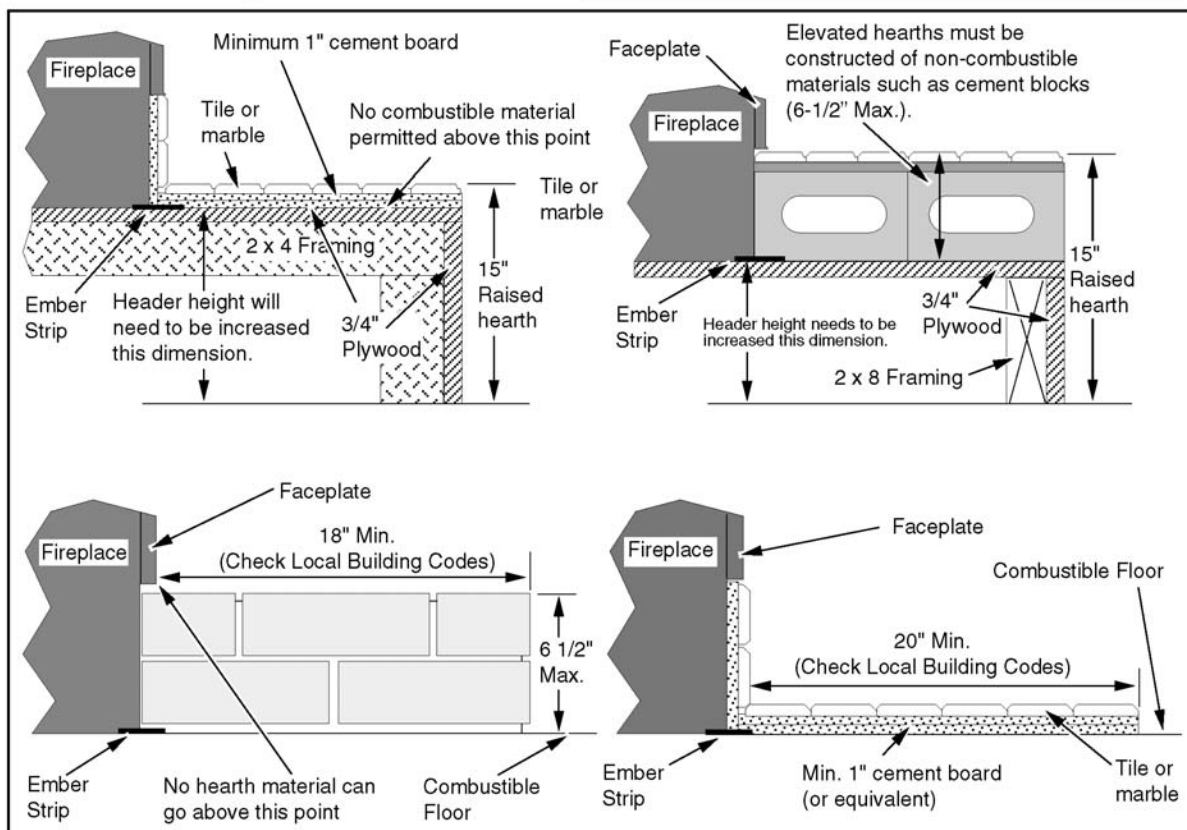
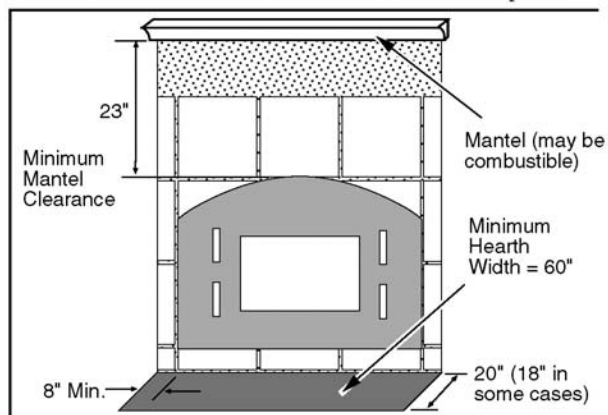


## Mantel Requirements

- The optional mantel must be a minimum 23" above the top of the faceplate (61" above the base)
- The mantel must not extend more than 8-1/2" in front of the faceplate.
- Mantel side columns that protrude more than 3/4" must maintain an 18" clearance to the faceplate

## Hearth Requirements

- ? Local building codes may require a minimum hearth requirement different of what this manual states
- Hearth must extend 20" in front of the faceplate when it is not elevated (see local building codes). Hearths raised 6-1/2" must extend a minimum 18".
- Hearth must extend a minimum 8" to both sides of the faceplate (60" wide)
- Hearth must be a minimum 1" thick of cement board (or equivalent)
- Hearth must not rise more than 6-1/2" above the base of the fireplace



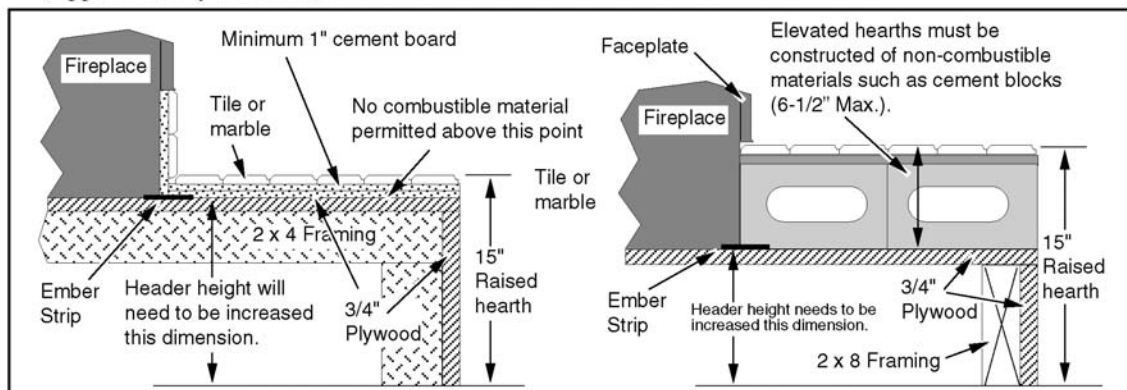


# FPX WOOD FIREPLACES



## Raised Fireplaces

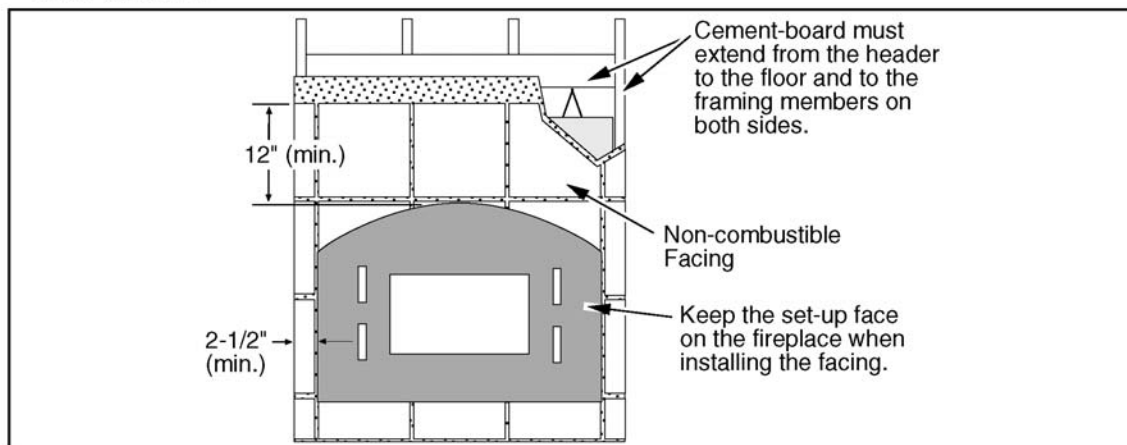
- If the fireplace is raised more than 15" above the sub-floor, the fireplace enclosure will have to be raised accordingly (see "Minimum Framing Dimensions" on page 3).
- + The fireplace may be placed on a platform designed to support the fireplace and vent (Approximately 600 Lbs.).



## Facing Requirements

**NOTE:** Artisan faces vary in size. If the facing is over 1" thick (brick, river-rock, etc.) use the face being installed to create a template.

- The fireplace is shipped with a set-up face that is 1/16" larger on the top, bottom and each side than the faceplate. Leave the set-up face in place to act as a template when installing the facing.
- The fireplace requires 1/2" thick concrete-board or other non-combustible to extend from the header to the base of the fireplace and to the framing members on both sides (do not use sheetrock or drywall).
- The non-combustible facing must extend a minimum of 12" above and 2-1/2" to each side of the faceplate.
- The non-combustible facing must be a minimum 1" thick
- The facing may be attached to the front of the fireplace with screws. Do not penetrate the fireplace more than 3/4".



- Facing may be installed so it inserts behind the faceplate. NOTE: the faceplate protrudes 1" from the front of the fireplace, has a 1/8" overlap on the sides, and 1/4" overlap on top.

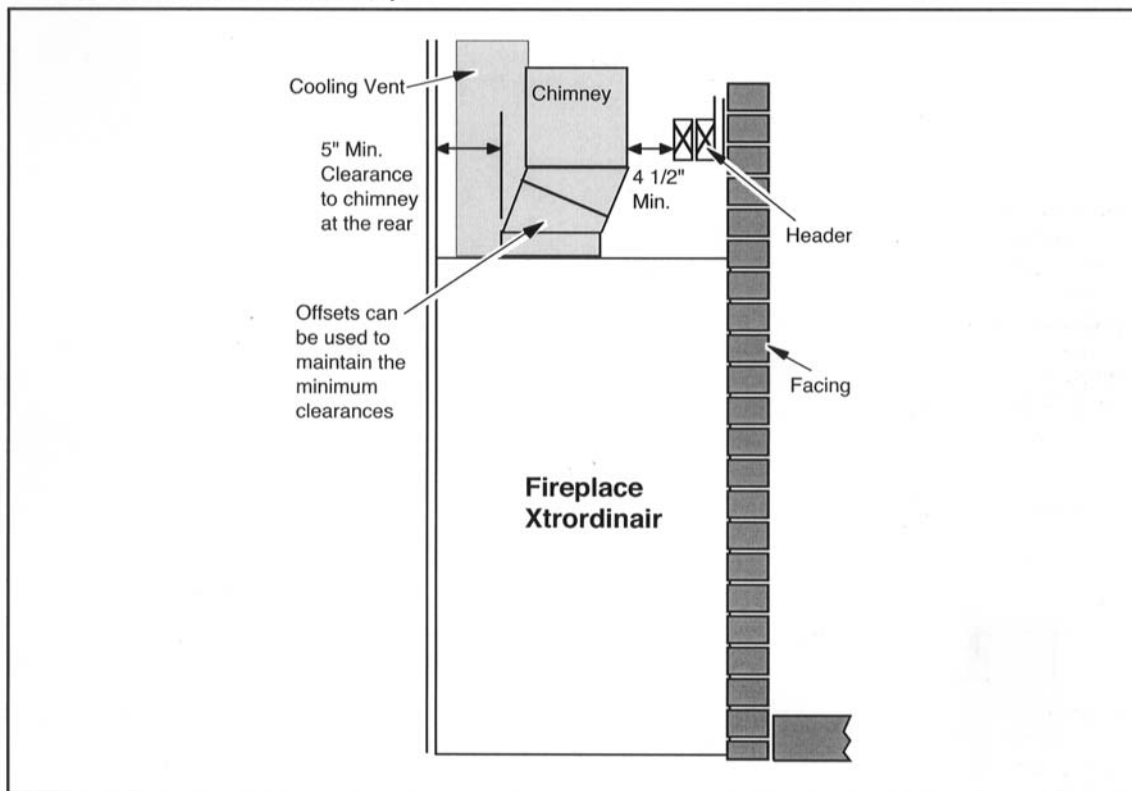


# FPX WOOD FIREPLACES



## Clearances to Combustibles

- ! Follow the clearances listed below - do not follow the clearances listed in the chimney instructions
- Maintain a 2" clearance from the chimney to combustibles (measured horizontally)
- Use offsets, if necessary, to maintain clearances
- In the area above the fireplace before the chimney penetrates the ceiling (use a firestop), the chimney must maintain the clearances listed below:  
5" to the rear of the chimney  
4-1/2" to the front of the chimney

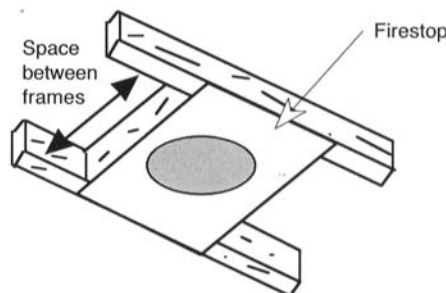


## Firestops

- Whenever the chimney penetrates a floor or ceiling a firestop is required on the bottom side of the floor joists
- When passing through an attic the firestop must be placed on the attic side of the joists
- When the chimney passes through a living space it must be totally enclosed (maintain the minimum 2" clearance to combustibles)
- The space between frames that hold the firestop in place should be measured as follows:

Temco	16"
Superior	16 1/2"
FMI	16 1/2"
Marco	16 1/2"

**NOTE:** Many firestops are designed for a 1" clearance, this fireplace requires a 2" clearance.



# FPX WOOD FIREPLACES



## Chimney Requirements

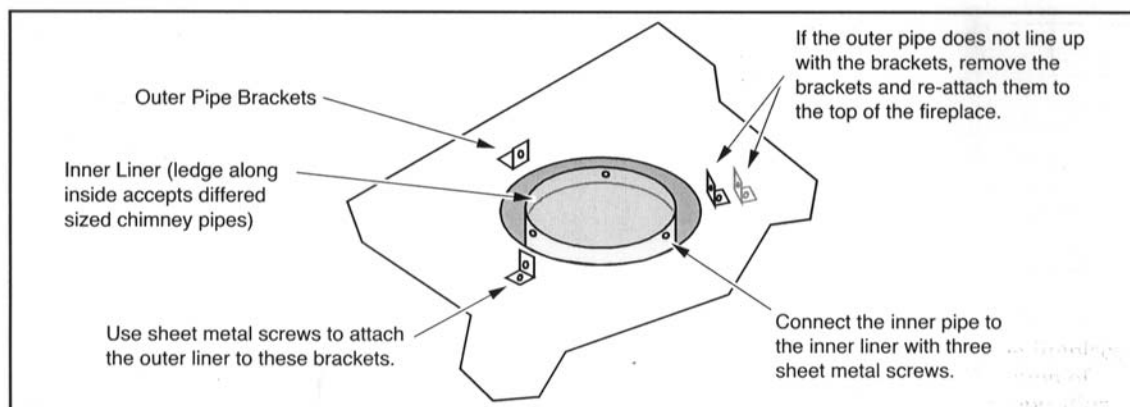
- Use one of the following brands and type of chimney:
  - Temco 82
  - Superior TF8
  - FMI 8DM
  - Marco 8D

## Chimneys Part Numbers

Chimney Components	Temco 82	Superior TF8	FMI 8DM	Marco 8D
12" Chimney Section	8212D	TF8-12	12-8DM	12 - 8D
18" Chimney Section	8218D	TF8-18	18-8DM	18 - 8D
24" Chimney Section	8224D	---	24-8DM	----
36" Chimney Section	8236D	TF8-36	36-8DM	36 - 8D
48" Chimney Section	8248D	TF8-48	48-8DM	48 - 8D
Offsets	8232E	TF8-30, TF8-E30	30E-8DM	30E - 8D
Flashing	8206F	8-F6	6F8 or 12F8	12F - 8D
Chimney Cap	8203D	TF8-CTO	RTL-8HT	BT - 8D
Roof Support	8204S	8-54	38 RS	12CPS - 8D
Firestop Spacer	---	8FS-2	FS-8DM	FS30 - 8D

## Chimney Connection to Fireplace

- Each brand of chimney has a slightly different outside diameter. To accommodate this, the fireplace has three "L" brackets (outer liner connectors) on the top of the fireplace can. Center a section of chimney over the chimney opening and mark the exterior location of the chimney. Then reposition the "L" brackets, if necessary, so they are directly adjacent the exterior of the chimney. Use a drill with a 5/16" driver bit to re-install the "L" brackets (use the existing sheet metal screws).



- When attaching the chimney to the fireplace, first slide down the inner liner of the chimney pipe into the inner liner of the fireplace. Certain brands of chimney pipe will stop at the ledge, while others will insert beyond the ledge. When the chimney pipe is fully seated and aligned, drill three holes in the chimney pipe where it lines up with the holes in the fireplace inner liner. Secure the fireplace to the chimney pipe with three sheet metal screws. If there are any large gaps between the chimney pipe and fireplace, use furnace cement to seal (allow 24 hours to dry before burning the fireplace).

# FPX WOOD FIREPLACES



## Cooling Vents

- ! The cooling vents provide cooling air for the fireplace and chimney system. Failure to correctly install the cooling vents will lead to an extremely dangerous installation and possibly a fire.
- The two cooling vents must be installed so as to route air from the outside to the two starter collars on the top rear corners of the fireplace. Secure the vents to the collars using high-temperature aluminum tape and/or sheet metal screws.
- A maximum of two 90° bends may be used on each vent. However, if a 180° bend is placed directly off the starter collar, one additional 90° bend may be used.
- The maximum distance for the cooling ducts is listed below:

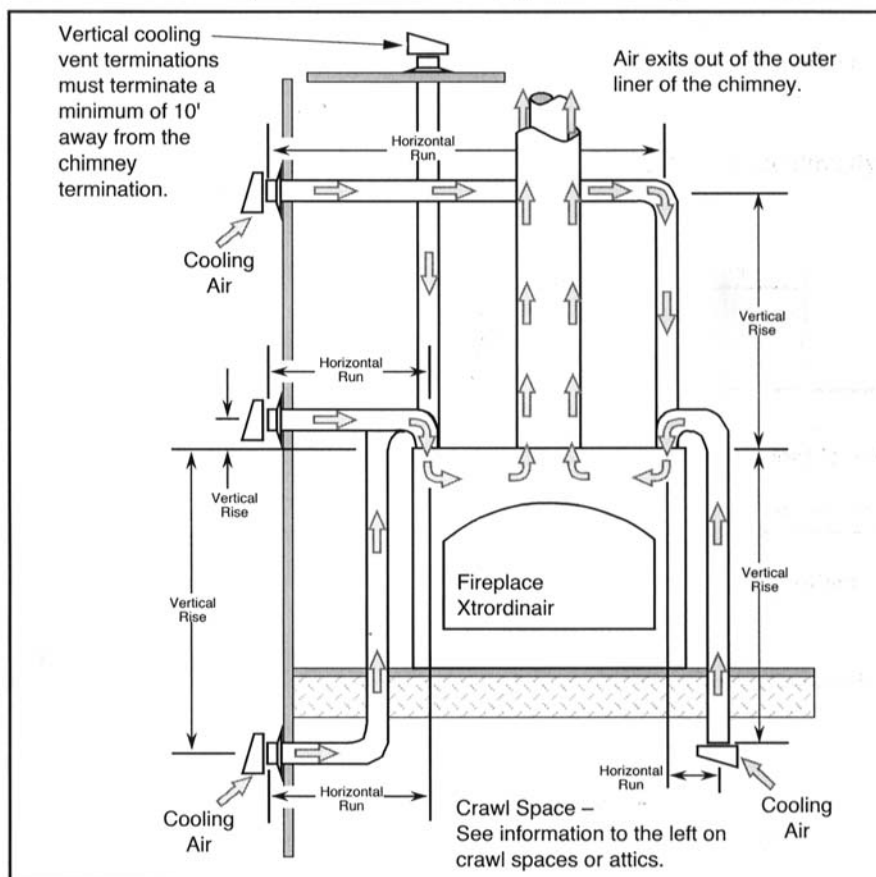
When the vertical rise is between:	The maximum horizontal run may be:
6' and 10'	5'
3' and 6'	15'
1' and 3'	20'
0' and 1'	25'

- Included with the fireplace are two 12' lengths of vent, use a connector and seal if adding more length
- The duct terminations must be located so they can not be blocked (e.g. snow drifts)

- Included with the fireplace is a set of storm collars and vent hoods. Place the collars around the vent on the exterior and attach with screws or caulking to seal the wall from the vent penetration. Place the hood, with open portion facing down, over the cooling vents and secure.

- ? The cooling air duct terminations may be installed to draw air from a ventilated crawl space or attic if approved by local building codes.

**NOTE:** certain codes require a fire curtain damper in these cases.



# FPX WOOD FIREPLACES



## Installation Requirements for Cold Environments

If you live in the area depicted in black (see Figure 4), you must install a cooling air "P" trap as detailed below and install the blower on an internal wall. In addition, make sure the homeowner follows the requirements shown below to help minimize cold air being pulled into the fireplace when it is not in use.



Figure 4

### Install the Blower in an Internal Location

In cold environments the blower must be positioned on an internal wall (see Figure 5). This eliminates any chance of any outside air being drawn into the convection chamber from the blower location.

NOTE: Do not place the blower inside a garage or other area that may circulate fumes.

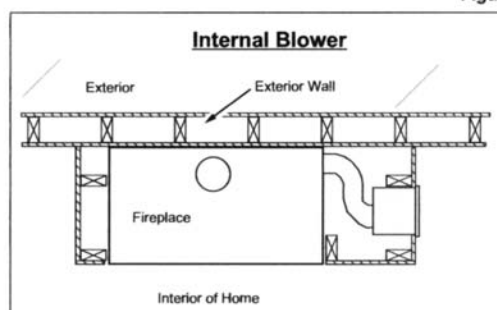


Figure 5

### Cooling Air "P" Trap

When installing the cold air ducts, make sure to include a "P" trap in the design (see the illustration to the right). This helps slow cold air from circulating through the cooling air chamber.

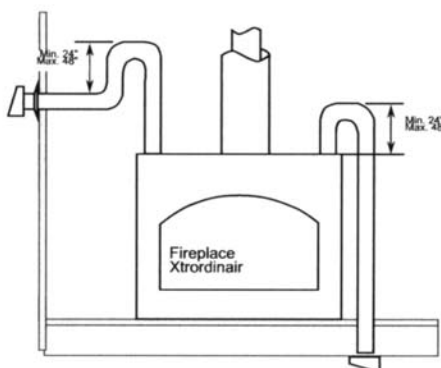


Figure 6

## Daily Requirements for Homeowners

### Humidity

Make sure the humidistat is set correctly. The chart below details the correct setting for the temperature you are experiencing outdoors.

Outdoor Temperature		Recommended Humidity Controller Setting
°F	°C	
-20	-29	15
-10	-23	20
0	-18	25
+10	-12	30
+20	-7	35
>+20	>-7	40

Note: If using a humidifier, let the homeowner know that it should be shut off or turned to a lower setting to eliminate condensation.

### Other Items

- Make sure the bypass is shut when the fireplace is not in use.
- Minimize the use of exhaust fans in the home when the fireplace is not in use.

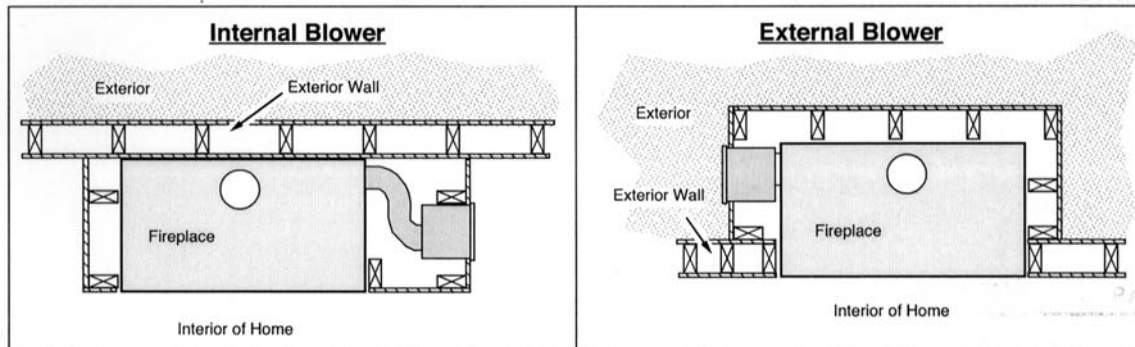


# FPX WOOD FIREPLACES

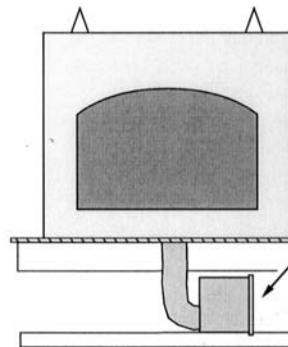


## Blower

The external blower pushes air through blower duct to the fireplace, where it is heated and distributed into the room. The blower may be located to draw air from the exterior of the home, producing positive pressure inside the home. Or, if desired, the blower may be located to draw air from the interior of the home.

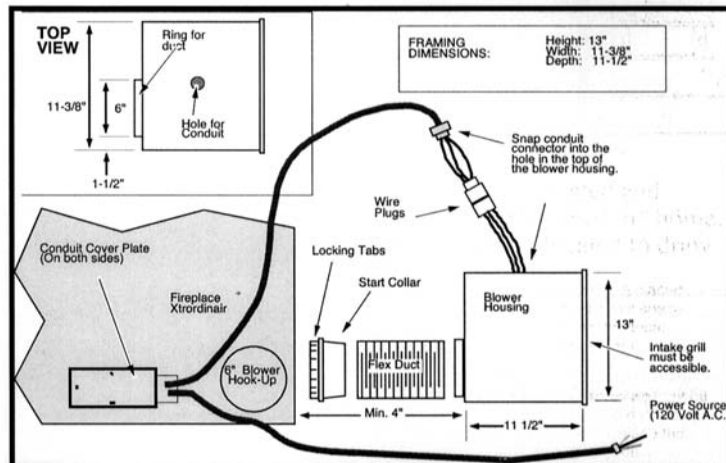


- Do not draw air from confined areas or from a garage or area containing fumes or emissions. The blower inlet must be a minimum 36" below any exhaust vent.
- The blower may be installed to draw air from a crawl space or attic if approved by local building codes. **NOTE:** certain codes require a fire curtain in these cases.



## Blower Duct Connection

- The shorter the blower duct, the greater the air flow.
- The blower duct may connect to the right side, left side, or bottom of the fireplace. Each location is sealed with a cover plate. Use a 5/16" nutdriver to remove the cover plate blocking the location you wish to use (**NOTE:** if using the bottom location, remove the 8-1/2" by 6-1/4" air deflector directly above the cover plate). Insert the starter section into the blower hook-up hole and bend the flanges outwards, locking the starter section in place.
- Attach the flex duct to the collar on the blower box and start collar using duct tape and/or screws
- The maximum length for 6" diameter blower duct is 15' (use the included duct & start collar)



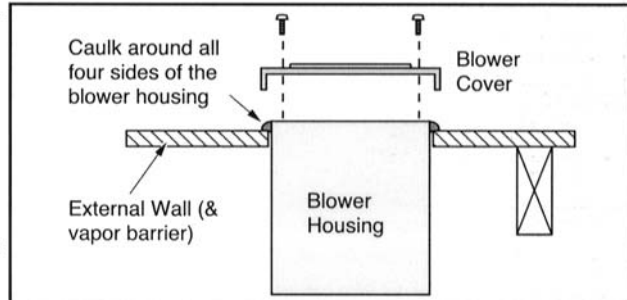


# FPX WOOD FIREPLACES



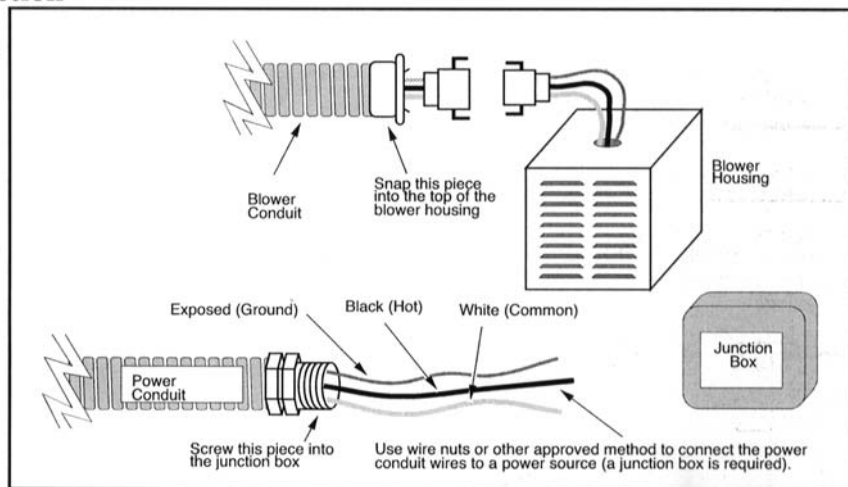
## Blower Duct Connection (continued)

- The maximum length for 8" diameter blower duct is 25' (use two 6" to 8" adapters)
- A maximum of two 90° bends may be used.
- The blower, if located on an external wall, must be weatherproofed. Remove the blower cover and install the blower. Apply caulk around the perimeter of the blower housing where it contacts the external wall and vapor barrier (apply sparingly). Replace the blower cover.

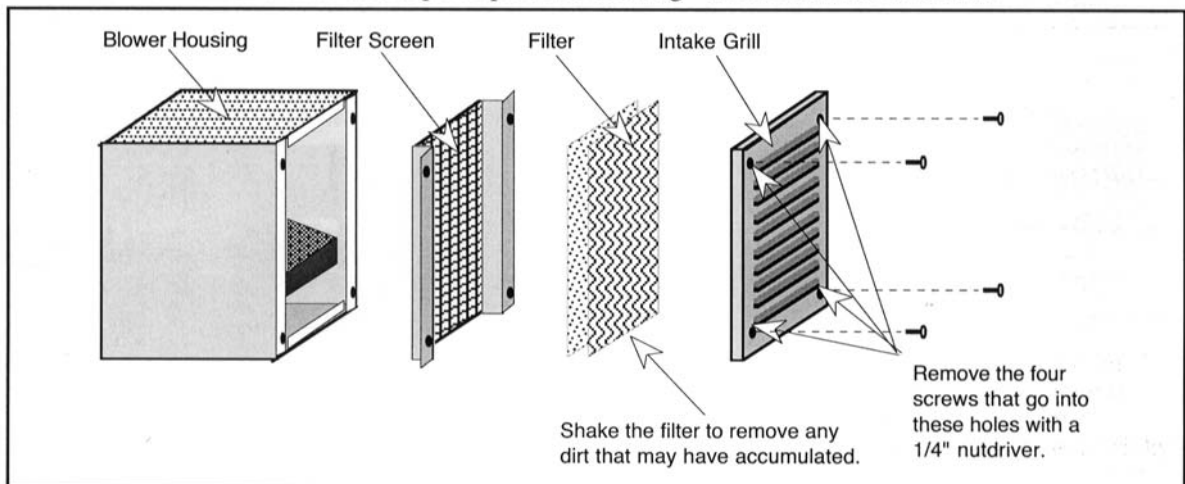


## Blower Electrical Connection

- Connect the electrical conduit to a 120 Volt, 60 Hz (2 Amp) electrical supply. Use a junction box to protect the electrical connection.
- Connect the blower conduit to the blower box by attaching the two molex connectors together. Insert the molex connectors into the blower box. Then attach the conduit to the blower box by inserting it into the top until it snaps in place.



- ! Do not run either conduit over the top of the fireplace or within 2" of the chimney
- If the blower or power supply is located to the left, the electrical conduit(s) may be directed to the left side of the fireplace. To do this, remove the conduit cover plate on both sides of the fireplace. Feed the conduit(s) through the hole on the right side and out the left side (removing the cover allows the conduit to be fed through without kinking). Switch the cover plates by attaching the right cover plate to the left side and vice-versa.
- The blower utilizes a filter that requires periodic cleaning - see the illustration below.



# TRAVIS 564 ELECTRIC FIREPLACE FACES



## Avalon Electric Fireplace -Seattle E

Basic Frame or choose from one of these designer faces



Forest Grove Trim



Victorian Lace  
Black Painted



Bungalow Black  
Textured Steel



Tree of Life Bronze  
Powder Coated

## Lopi Electric Fireplace -Bostonian E

Basic Frame or choose from one of these designer faces



Wilmington  
Black Painted



Wilmington Black Painted  
Arabesque Grills



Wilmington  
Pewter Plated



Wilmington Pewter Plated  
Arabesque Grills



Independent  
Black Painted

## FPX Electric Fireplace -Model 564 E

Basic Frame or choose from one of these designer faces



Classic Arch  
Black Painted



Classic Arch  
Pewter Plated



Metropolitan  
Black Painted



Metropolitan  
Pewter Plated



French Country  
Black Painted



French Country  
Antique Gold



Artisan  
Antique Copper



Artisan  
Charcoal Painted



Artisan  
Antique Nickel



Matrix  
Brushed Nickel



Architectural Arch  
Double Doors



Architectural Rect.  
Double Doors



Rectangular  
Nickel Onlays



Arched  
Nickel Onlays



Rectangular  
Copper Onlays



Arched  
Copper Onlays



Rectangular  
Bronze Onlays



Arched  
Bronze Onlays

# TRAVIS ELECTRIC FIREPLACES

---



## 564 E ELECTRIC FIREPLACES

- Dimplex™ licensed technology with Travis Industries face designs
- Fabricated steel firebox featuring patented flame technology
- Realistic wood-like flame
- Instant ambiance of a real fireplace to any living area in just minutes
- Safe clean operation - stay cool glass, no combustibles to vent
- Effective heat - Thermostatically controlled 1500W fan provides supplemental heat for up to 400 sq. ft.
- Plug and Play - simply plug into any 110v outlet
- Clean air purification system - filters your rooms (12' x 14') air four time per hour
- Variable speed flame image
- Pulsing, glowing logs and ember bed
- Brick liner appearance
- Variable interior light
- Multi-function Remote Control:
  1. Flame On/Off
  2. Clean Air On/Off
  3. Flame Speed
  4. Interior Accent Light
  5. Room Temperature Monitor
  6. Set Temperature
  7. Sleep Timer
- Year-round enjoyment of the fire



# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACES

### IMPORTANT INSTRUCTIONS

### SAVE THESE INSTRUCTIONS

### PLEASE RETAIN THIS USER'S GUIDE FOR FUTURE REFERENCE

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using the electric fireplace.
2. The heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. The trim around the heater outlet becomes hot during heater operation. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9m) from the front of the unit.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the unit is left operating and unattended.
4. Always unplug the electric fireplace when not in use.
5. Do not operate any unit with a damaged cord or plug, or if the heater has malfunctioned, or if the electric fireplace has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
6. Do not use outdoors.
7. The electric fireplace is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
8. Do not run the cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not be tripped over.
9. To disconnect the unit, turn the controls off, then remove the plug from the outlet.
10. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage to the heater.
11. To prevent a possible fire, do not block air intake or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
12. All electrical heaters have hot and arcing or sparking parts inside. Do not use in areas where gasoline, paint, or flammable liquids are used or stored or where the unit will be exposed to flammable vapors.
13. Do not modify the electric fireplace. Use it only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
14. Avoid the use of an extension cord. Extension cords may overheat and cause a risk of fire. If you must use an extension cord, the cord must be No. 16 AWG minimum size and rated no less than 1875 watts.
15. Do not burn wood or other materials in the electric fireplace.
16. Do not strike the fireplace glass.
17. Always use a certified electrician should new circuits or outlets be required.
18. Always use properly grounded, fused and polarized outlets.
19. Disconnect all power supply before performing any cleaning, maintenance or relocation of the unit.
20. When transporting or storing the unit and cord, keep in a dry place, free from excessive vibration and store so as to avoid damage.

**NOTE:** Procedures and techniques that are considered important enough to emphasize.

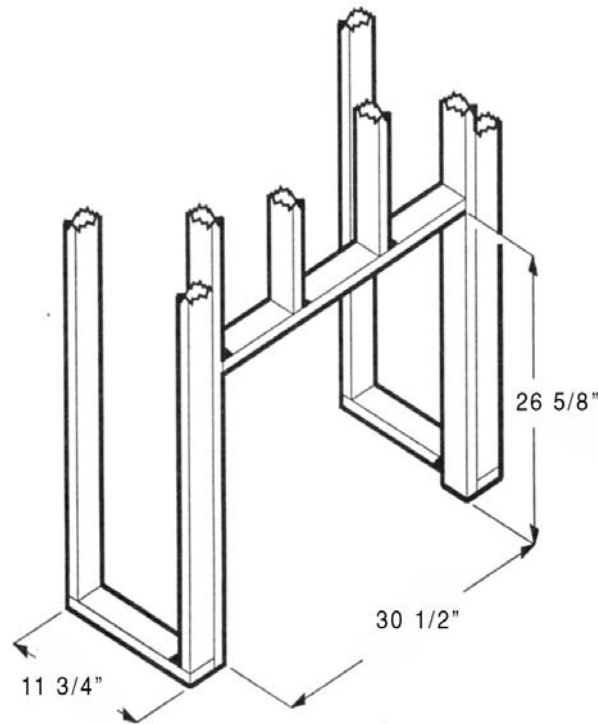
**CAUTION:** Procedures and techniques which, if not carefully followed, will result in damage to the equipment.

**WARNING:** Procedures and techniques which, if not carefully followed, will expose the user to the risk of fire, serious injury, illness or death.

# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACE FRAMING



### NEW WALL CONSTRUCTION

1. Select a suitable location that is not susceptible to moisture and is away from drapes, furniture and high traffic.
2. Place the fireplace in the desired location to see how it will look in the room.
3. Mark the desired location on the floor and store the fireplace in a safe, dry and dust free location.
4. Use studs to frame an opening of 30 1/2" wide X 26 5/8" high X 11 3/4" deep.

**Option #1**-The power cord can be lead from behind the trim and along the wall to an outlet near the fireplace.

**Option #2**-A new outlet can be installed inside the new frame construction.

Plug the unit into a 15Amp/120Volt outlet. If the cord does not reach, you may use an extension cord rated for a **minimum of 1875 watts**.

### CAUTION

2



# TRAVIS ELECTRIC FIREPLACES

---



## 564 E FIREPLACE MANTELS



### **Available From Travis Industries**

Mantel, 564 E Oak Finish      Sku # 96900911

Mantel, 564 E Walnut Finish      Sku # 96900913

Mantel, 564 E Cherry Finish      Sku # 96900915

# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACE OPERATION

### OPERATION

#### ELECTRIC FIREPLACE MANUAL CONTROL

The manual controls for the fireplace are located in the lower right hand corner.

##### A. Main On/Off Switch

Supplies power to the 3 position manual control switch.

##### B. 3 Position Manual Control Switch

**Remote (right position):** The unit is operated with the remote control.

**Flame (center position):** The flame effect is turned ON.

**Flame & Heat (left position):** The flame effect and heater are turned ON simultaneously.

When the manual control is in the **Flame & Heat** position the heater does not run on the remote operated thermostat.

##### NOTE

When the manual control switch is in the **Flame** and **Flame & Heat** positions, the fireplace unit will not operate with the remote control.

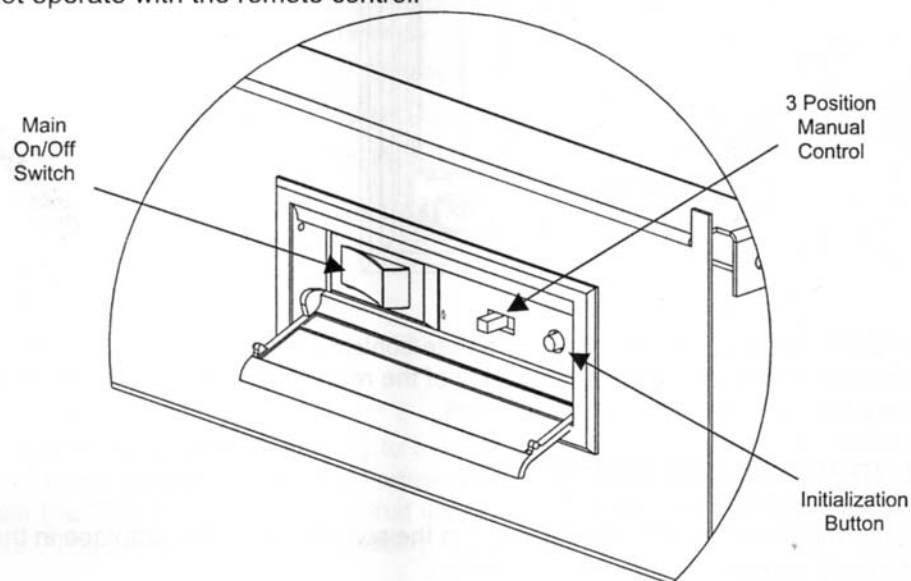


FIGURE 2

# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACE REMOTE

### REMOTE CONTROL FUNCTIONS

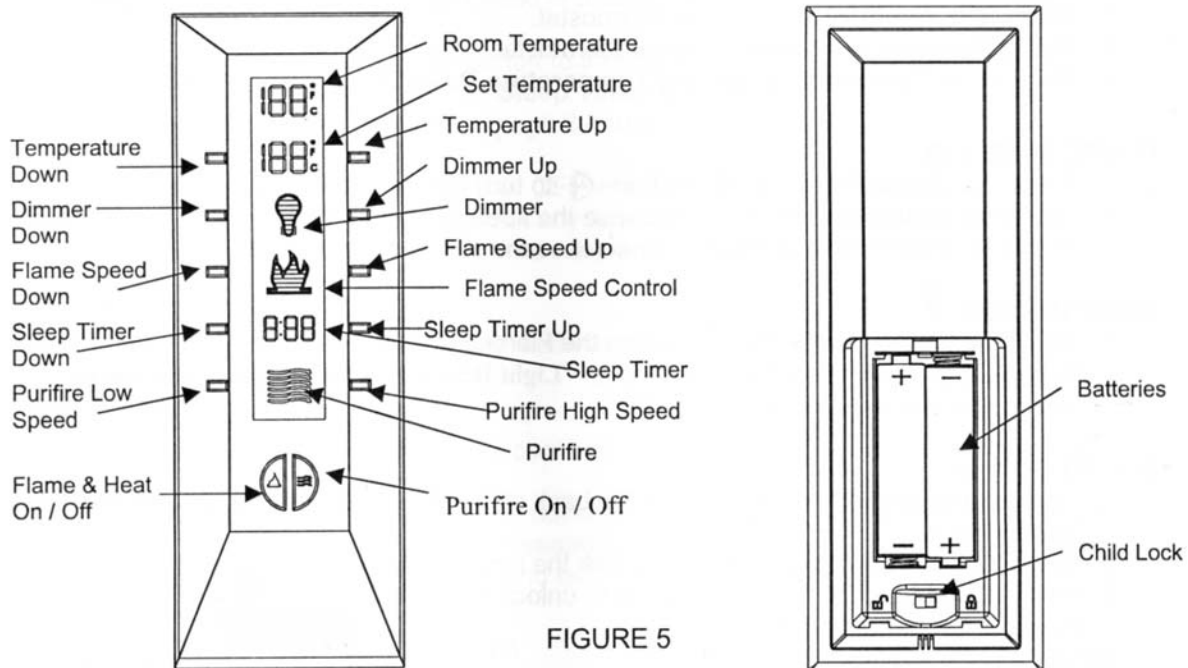



FIGURE 5

### FLAME/HEAT ON/OFF BUTTON

Press the "Flame/Heat On/Off" button  to turn the Flame/Heat function **ON**. When the "Set Temperature" is higher than the "Room Temperature" the heat will come on. To turn the heat off, lower the "Set Temperature" so that its setting is lower than the "Room Temperature". The default temperature setting is 72°F (22°C).

### NOTE


When using the remote control the heater runs on a thermostat. Press the "Temperature Up" or "Temperature Down" button to adjust the set temperature. Once the desired set temperature is reached the heater will turn **OFF**. The heater will cycle **ON** and **OFF** to maintain the desired set temperature.

# TRAVIS ELECTRIC FIREPLACES




## 564 E FIREPLACE REMOTE

### PURIFIRE ON/OFF BUTTON

Press the "Purifire™ On/Off" button  to turn the Purifire™ function **ON**. When the Purifire™ function is **ON** the Purifire™ symbol will flash. When off the symbol will be solid. The default setting for the Purifire™ is set at low speed. Press the "Purifire™ On/Off" button to turn the Purifire™ function **OFF**.


### NOTE

To turn the Flame/Heat and Purifire™ "OFF" at the same time, press both  control buttons simultaneously.


### SET TEMPERATURE

1. Press "Flame Heat On/Off" button to turn fireplace on.
2. Press "Temperature Up" to raise thermostat.
3. Press "Temperature Down" to lower thermostat.
4. Press both "Temperature Up" and "Temperature Down" to change °F to °C.

### FLAME SPEED

1. Press the "Flame/Heat On/Off" button  to turn the Flame/Heat **ON**.
2. Press the "Flame Speed Up" to increase the speed of the flame.
3. Press the "Flame Speed Down" to decrease the speed of the flame.

### LIGHT DIMMER

1. Press the Flame/Heat button  to turn the Flame/Heat **ON**.
2. Repeatedly press the "Light Dimmer Up" or "Light Dimmer Down" button to decrease or increase the brightness of the upper lights.

### CHILD LOCK

1. Depress tab on the battery cover on the back of the remote transmitter and remove the battery cover.
2. Move "Child Lock" tab to the right to lock the remote transmitter.
3. Move "Child Lock" tab back to the left to unlock the remote transmitter.
4. Replace the battery cover.

### NOTE

To temporarily unlock the remote transmitter press (in order) "Temperature Down" then "Temperature Up" then "Dimmer Down".

When the remote transmitter's back light is illuminated the "Child Lock" is bypassed.

When the back light is off the "Child Lock" is re-activated.

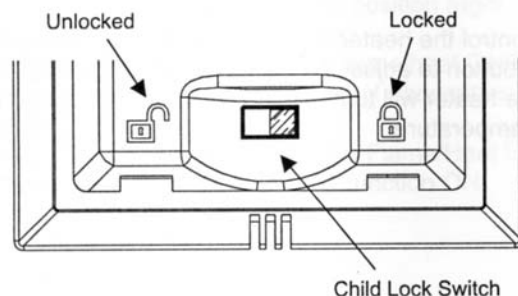


Figure 6

# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACE ACCESS

To access the lower light bulb area:

### NOTE

#### Figure 7

1. Slide fireplace out of mantel 2-3 inches.
2. Remove 4 Phillips screws from the right side of trim.
3. Slide glass to right side of fireplace to remove.
4. Pull the front edge of the plastic ember bed or plastic grate up and forward until the rear tab releases from the ledge located at the bottom of the mirror.

### IMPORTANT

Only handle the logset by the emberbed.

### NOTE

- Logset fits tightly into firebox, some force may be necessary to remove.
5. Set logset in front of fireplace.
  6. Disconnect the logset LED wire harness from unit.
  7. Unscrew bulbs counter clockwise.
  8. Insert new bulbs.
  9. Reconnect the logset LED wire harness.
  10. Replace the logset by inserting the front edge of the fireplace and push down on the rear edge of the emberbed until it snaps into place. (Figure 8)

### NOTE

- Ensure the logset is installed tightly under the back ledge to prevent light leakage.
11. Slide front glass back into position and attach trim.

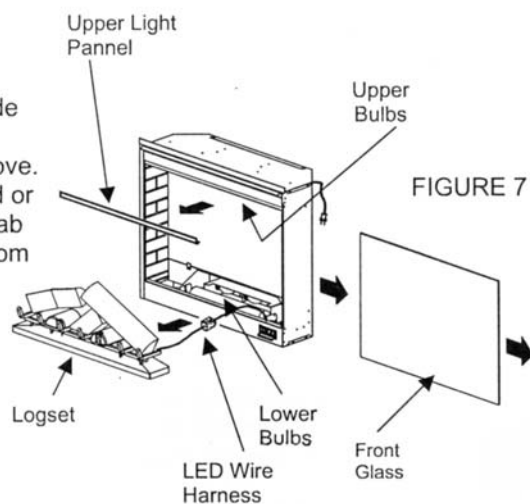


FIGURE 7

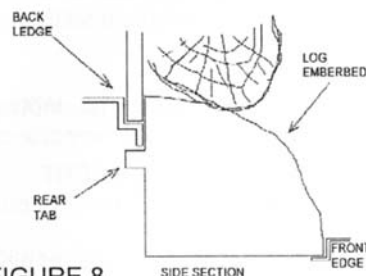


FIGURE 8

### UPPER LIGHT BULB REQUIREMENTS

Quantity of 2 clear chandelier or candelabra bulbs with an E-12 (small) socket base, 25 watt rating.

### DO NOT EXCEED 25 WATTS PER BULB

To access the upper light bulb area:

#### Figure 7

1. Slide fireplace out of mantel 2-3 inches.
2. Remove 4 Phillips screws from right side of trim.
3. Remove trim.
4. Slide glass to the right side of the fireplace to remove.
5. Remove upper light panel.
6. Upper bulbs located in the upper left and upper right corners of fireplace.
7. Unscrew bulbs counter clockwise.  
Insert new bulbs.
8. Re-install upper light bracket.  
Slide front glass back into position and attach trim.



# TRAVIS ELECTRIC FIREPLACES



## 564 E FIREPLACE AIR FILTER

### PURIFIRE™ FILTER

The Purifire™ filter supplied in your fireplace is reusable and washable. The filter should be cleaned or replaced on average once a year. To clean the filter gently tap filter on a hard surface to dislodge any loose dirt or debris, and then clean with water. No soap or cleaning products are recommended. The filter size is 20" X 10" X 1" rated at MERV 10. If using an after market filter follow the manufacturers recommended replacement instructions.

### To replace filter:

1. Remove fireplace from mantel.
2. Filter can be accessed from the top rear of the unit.
3. Grasp filter and slide filter straight up.
4. Replace or clean filter.

### NOTE

If after market air filter is used ensure it is installed according to the manufacturers recommended instructions.

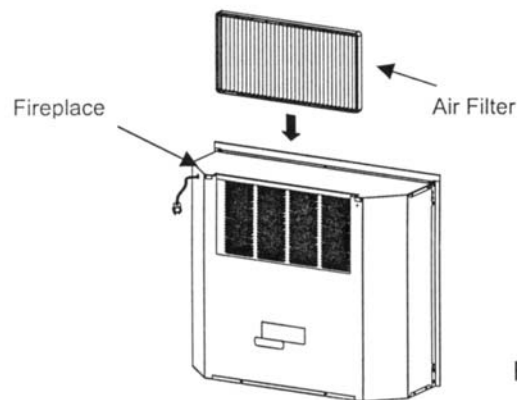


FIGURE 9

### GLASS CLEANING

The glass is cleaned in the factory during the assembly operation. During shipment, installation, handling, etc., the glass may collect dust particles, these can be removed by dusting lightly with a clean dry cloth.

To remove fingerprints or other marks, the glass can be cleaned with a damp cloth. To prevent scratching, do not use abrasive cleaners or spray liquids on the glass surface.

### FIREPLACE SURFACE CLEANING

Use a cloth dampened with warm water only to clean painted surfaces of the electric fireplace. Do not use abrasive cleaners.

# **TRAVIS ELECTRIC FIREPLACES**

---



## **Illuminations Electric Fireplaces™**

**Models available from Fireplace Xtrordinair EXCLUSIVELY**

1924 E Illuminations Portrait-Style Electric Fireplace

4915 E Illuminations Landscape Style Electric Fireplace

# TRAVIS ELECTRIC FIREPLACES



## 4915E Illuminations Electric Fireplaces™



*Model 4915E shown with Frosted Candle Sleeves*



**2008 VESTA winner for BEST NEW ELECTRIC FIREPLACE.** The Illuminations Electric Fireplace is a breakthrough product that features an eclectic fusion of materials – platinum colored glass, mined calcite stone, natural beeswax or white frosted sleeves, mixed with patented technology that fools the eye into thinking you have a beautiful fireplace decorated with real burning candles. However, it is not a real fireplace or real candles; it is the Illuminations Electric Fireplace by Fireplace Xtordinaire.

The soothing candle flames appear to gently bend and flicker to an invisible draft. This movement is created through a patented device that creates a magnetic impulse causing the "flame" to move independently of the other "candles" in the fireplace. The contoured shape and featured coloration of the "flame" appears as an almost perfect imitation of a real candle.

There are two fireplace models available, arched or landscape. Both can be either single sided unit or see-through versions allowing for endless possibilities for installation. Add light and ambiance to any room of your home, wine cellars, bedrooms, bathrooms, foyers, office, room divider to name just few ideas.

Electric Fireplaces in a New Light

# TRAVIS ELECTRIC FIREPLACES



## Illuminations Electric Fireplaces™

### Model 4915E Landscape

The 4915E model comes standard with a mirrored surface on the sides and back that endlessly reflect the light of the eleven candles. It may also be installed with a matt black finish to suit a different décor or converted to a see-through fireplace for a stunning multi-room presentation. The floor can be finished off with the platinum glass provided or you may choose your own material for a completely custom look.



*Shown with mirrored interior and  
Calcite Stone Sleeves*

### Designer Sleeve Options

You will have the option of choosing three distinct sleeves to surround and finish the candle effect.

### Features

- 11 candles, you choose the sleeve option.
- One button remote control or wall switch for on/off convenience.
- Crushed platinum glass to add sparkle and depth to the fireplace floor.
- No heat, no fire, no smoke, no smell and no venting required. The safest candles on the market.
- Inexpensive to operate as it draws less current than a 40 watt bulb on a 110 volt connection. The unit is tested to UL Standards.
- Relatively no maintenance as the glass front(s) protect the candles from curious fingers and helps reduce dust from accumulating.
- The glass is easy to remove to clean or to decorate and change the interior for the holidays or your changing moods.



*Frosted Cylinders*



*Beeswax Candles*



*Cut and Polished Calcite Stone Sleeves*

Illumination Model 4915E



# TRAVIS ELECTRIC FIREPLACES



## 1924 E Illuminations Electric Fireplaces™



*Model 1924E shown with Wax Candle Sleeves and Travertine Stone Ceramic Liner*



# TRAVIS ELECTRIC FIREPLACES



## Custom Mantels

The fireplace may be framed and installed flush to the drywall and trimmed with decorative tile or marble surrounds. You also have a choice of mantels custom designed for the the 1924E Arched Portrait model. Choose from a framed wood trim to a fully enclosed cabinet which works perfectly as a room divider. Ask your Fireplace Xtordinair dealer or visit [www.jchuffman.com](http://www.jchuffman.com) for options.



*Albany™ Mantel with Calcite Sleeve options*



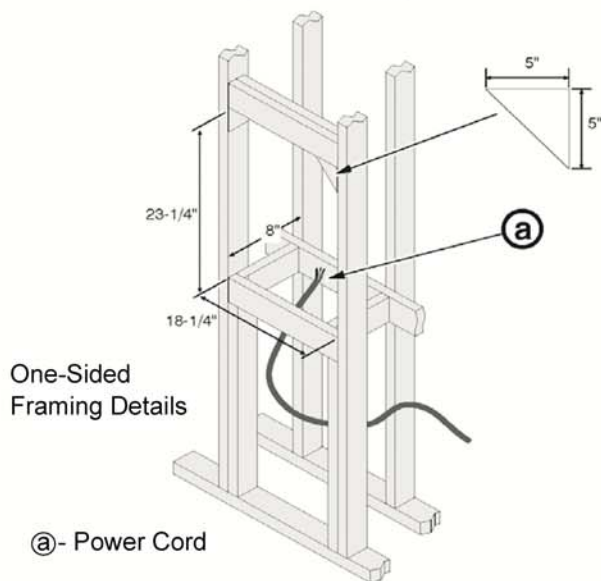
*Hartford™ Corner Mantel with Bees Wax Candle option*



*Salem™ Mantel with Frosted Cylinder option*

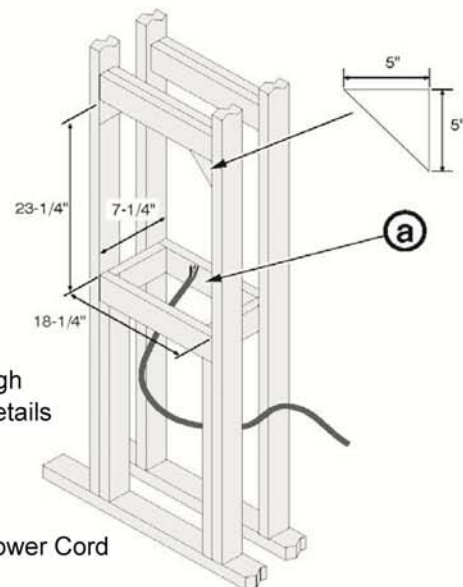
## Installation

- The Model 1924E Illuminations Electric fireplace is designed to fit into an 8" wall.
- Portrait-Style fireplace Model 1924, which can be converted from one sided to a see-through.
- 19" wide x 24 1/8" high x 8 1/2" deep
- Zero-clearance to all combustibles.
- Combustible facing, such as wall paper, sheet rock or wood can be installed right up to the edge of the firebox.
- Listed to UL 65, CSA 22.2 #12, and CSA 22.2 # 250



One-Sided Framing Details

@- Power Cord



See-Through Framing Details

@- Power Cord

[www.fireplacex.com](http://www.fireplacex.com)



# TRAVIS ELECTRIC FIREPLACES



## 1924 E Illuminations Electric Fireplaces™

### Electrical Specifications

- 120 Volts AC
- 0.1 Amps
- 12 Watts
- 60 Hertz
- 3 Bulbs, 4 Watts each  
Only use bulbs with Travis Industries 250-01435 Luminare

# TRAVIS ELECTRIC FIREPLACES



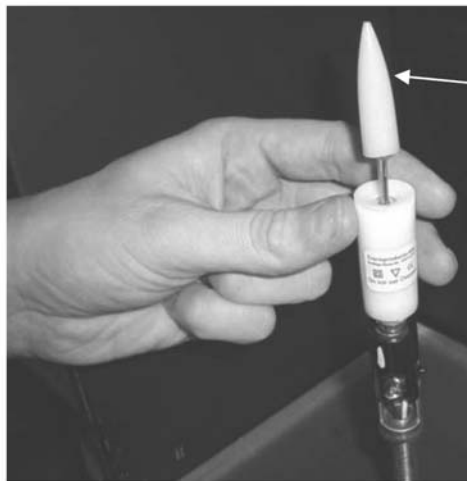
## Illuminations Electric Fireplaces™

### Light Bulb Installation

Carefully remove the 3 light bulbs from the packaging and install into the sockets following the directions below.

**WARNING:** Do not over-tighten the bulbs when screwing them in. The base of the bulb is fragile and may break if over-tightened. Do not grasp the bulb by the tip. **THE BULBS ARE NOT COVERED BY THE WARRANTY.**

- 1 Carefully remove the bulb from the packaging. Do not hold the bulb by the tip. Grasp it by the center cylinder.
- 2 Carefully screw the bulb into the socket until it bottoms out – it does not need to be tight.
- 3 Repeat this process for the remaining bulbs.



Do **NOT** grasp the bulb by the tip.

**NOTE:** the insulating cardboard sleeve is not shown in these pictures. Make sure it is in place to protect the wiring and connections.

**HINT:** The light bulbs have an electric "flame" that tilts from side to side when in operation, creating a flicker. To maximize the bulb's visual effect, we recommend that you install the bulb with the "flame" tilting side to side, not front to back. To properly align the bulbs, we recommend the following steps:

1. Gently tilt the bulb side to side to identify how the flame is positioned.
2. Carefully screw the bulb into the socket following the directions above.
3. Loosen the base of the socket holder and swivel it until the bulb is properly aligned. Re-tighten the base to secure.



### Cylinder Installation

The cylinders (stone, frosted, or wax) include instructions for installation. Follow these instructions, taking care to not damage the bulbs during installation.

### Crushed Glass Installation

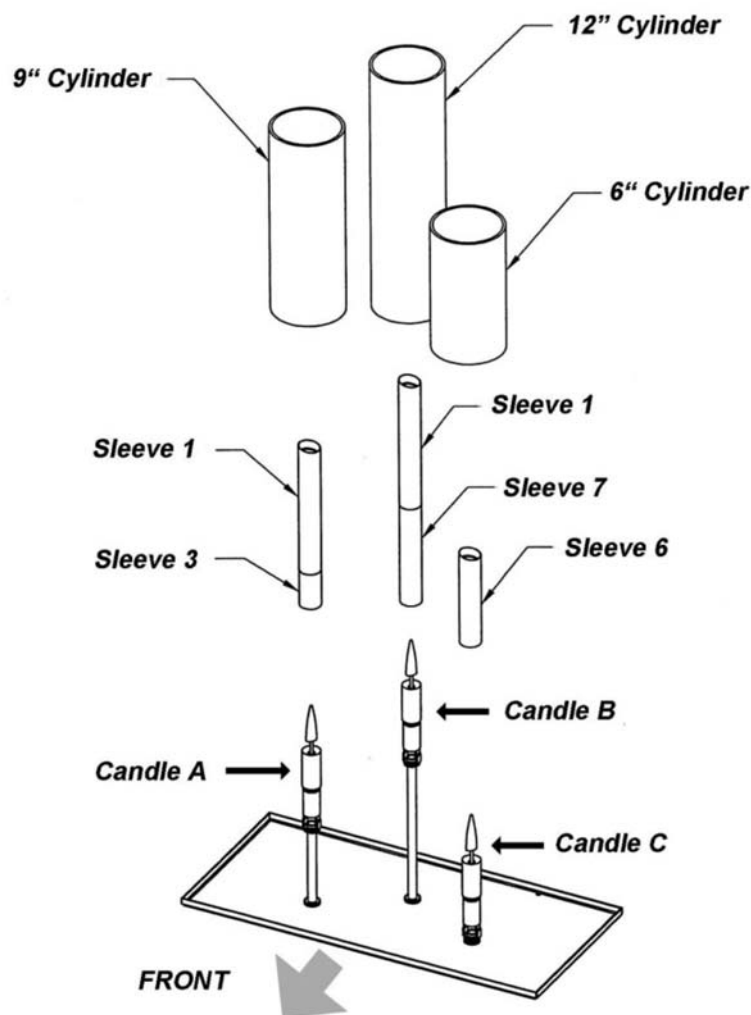
After the candles are properly aligned, pour the crushed glass onto the firebox floor. Use glove to carefully even out the glass on the firebox floor, making sure it is evenly distributed.

# TRAVIS ELECTRIC FIREPLACES



## Illuminations Electric Fireplaces™

Candle	A	B	C
<b>Cylinder Dimensions</b>	9" Tall 3.25" Dia.	12" Tall 3.25" Dia.	6" Tall 3.25" Dia.
<b>Frosted Cylinder Part #</b>	150-08120	150-08121	150-08118
<b>Stone Cylinder Part #</b>	150-08110	150-08109	150-08112
<b>Candle Sleeve ID</b>	1 and 3 placed together	1 and 7 placed together	6



# TRAVIS ELECTRIC FIREPLACES



## Illuminations Electric Fireplaces™

### *Steps for Finalizing the Installation*

Listed below are the steps needed to finalize the installation of the fireplace. Take care when finalizing the fireplace to not allow dust or other debris to enter the firebox. We recommend finalizing the installation after all construction work has been completed.

#### **Liner Installation**

One of the three decorative liners below may be installed inside the fireplace. The liner should be installed after the fireplace is in position and before installing the candles, sleeves, or lamps. Rotate the liner into position, taking care to prevent damage (see Figure 6 below).

- Travertine (98500668)
- Beehive (98500669)
- Shell, Almond (98500670)





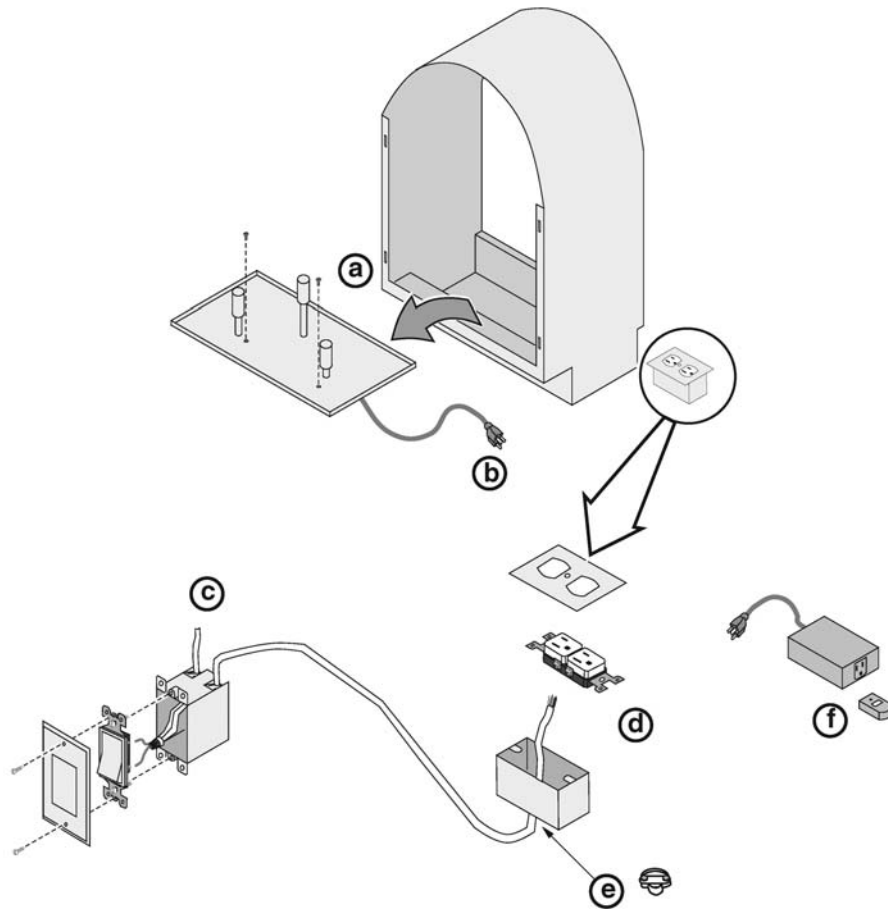
# TRAVIS ELECTRIC FIREPLACES



## Illuminations Electric Fireplaces™

### Wiring the Junction Box

Remove and discard the two shipping screws on the candle tray (see Figure 5 item "a"). Lift the tray from the fireplace, making sure to un-plug the socket from the junction box inside the fireplace (Figure 5 item "b"). The power supply is routed into the fireplace from below. You may wish to use the included wall switch (Figure 5 item "c") to control the fireplace. The junction box is shipped below the candle tray. Remove the cover plate, receptacle, and romex connector from the junction box (Figure 5 item "d"). Route the power supply through the romex connector and connect to the receptacle. The romex connector secures the junction box to the base of the fireplace and prevents the wire from dislodging (Figure 5 item "e"). An optional remote control is included (Figure 5 item "f"). If you wish to use the remote, plug the remote into the receptacle and the candle tray into the remote.



# TRAVIS ELECTRIC FIREPLACES



## Illuminations Electric Fireplaces™

### Installation

- 1 Follow the installation instructions included with the 1924 Illuminations Electric Fireplace through installing the bulbs included with the fireplace.
  - Take great care when handling the delicate bulbs and heed the warnings.
  - Check to be sure none of the wires are pinched under the edges of the tray.
  - Turn the fireplace on and make sure all bulbs are working before proceeding.
  - Be sure you have removed the bag of crushed glass media shipped inside the fireplace under the candle tray.
- 2 Install the white plastic candle sleeves over the three candles. See Figure 1 and the table above to identify the components. Figure 2 shows the process.

Figure 2

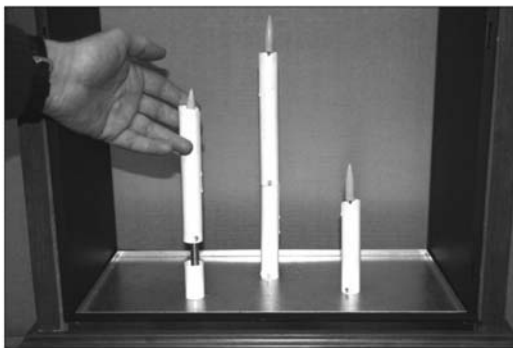


Figure 3



3. Install the cylinders over the candles. Start with the tallest, Candle B. Tilt the cylinder as required, and take care as you slide the cylinder over the candle that you don't damage the bulb. Center each cylinder around the candle.
4. Light the unit again to be sure all the bulbs are operating properly. Make any corrections.
5. Spread the reflective glass media around the candles to conceal the metal tray, filling the entire surface including the area behind the candles up to the lip of tray. See Figure 3.

# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™

### Electrical Specifications

- 120 Volts AC
- 0.4 Amps
- 44 Watts
- 60 Hertz
- 11 Bulbs, 4 Watts each  
Only use bulbs with Travis Industries 250-01435 Luminare

# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™



4915 E with Frosted Sleeves  
JC Huffman Lauderdale Surround



4915 E with Stone Sleeves  
JC Huffman Whitmore Surround

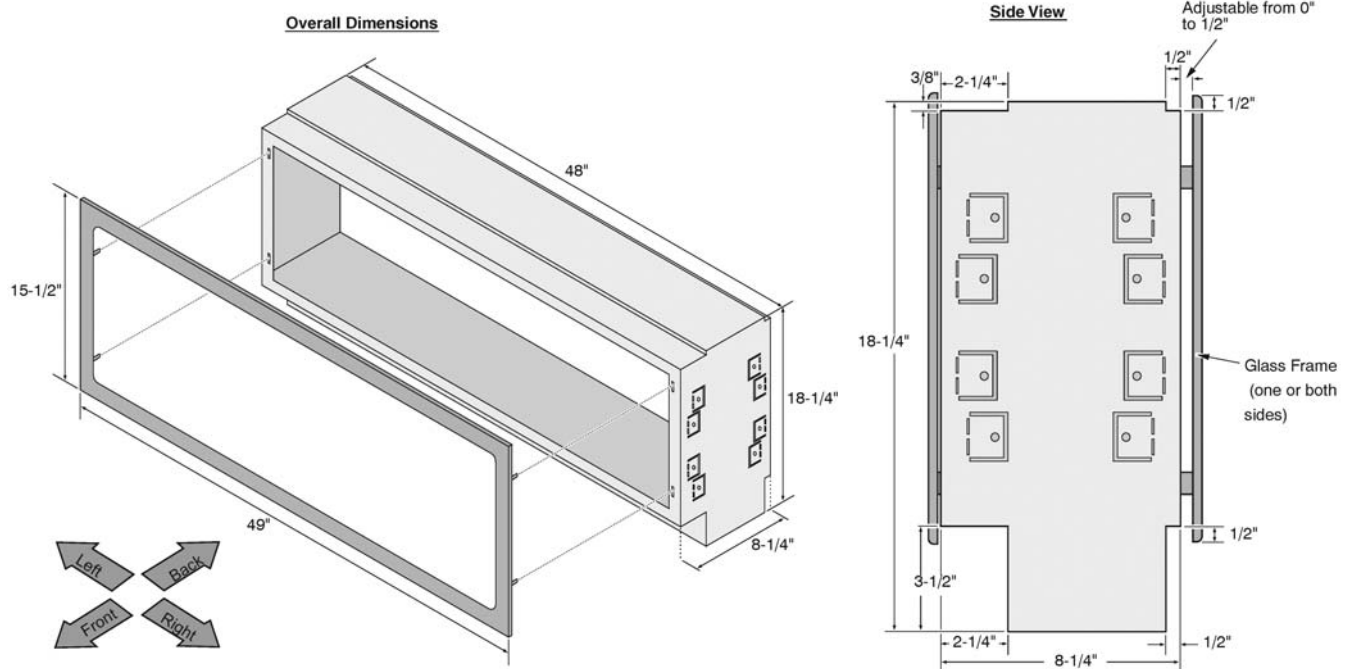


4915 E with Wax Sleeves

# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™



NOTE: The glass frame is purchased separately

NOTE: The fireplace is shipped with cover plates over the front and back of the fireplace.



# TRAVIS ELECTRIC FIREPLACES



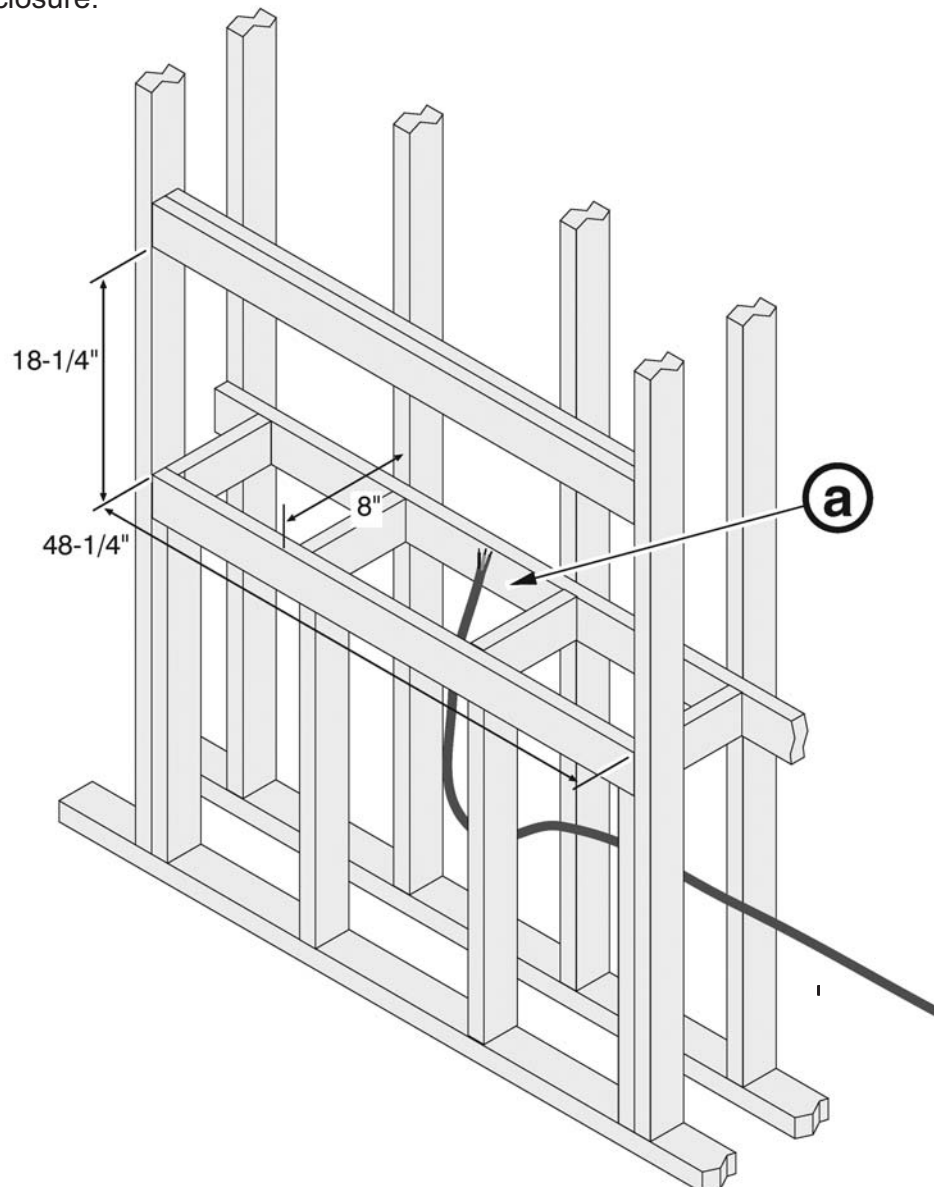
## 4915 E Illuminations Electric Fireplace™

### One Sided Configuration

The following framing dimensions are for one sided installation. The framing or insulation may contact the sides and back of the fireplace.

**NOTE:** The depth of the enclosure may be altered to accommodate facing depth. The 8" dimensions below is based on 1/2" drywall in a fully recessed installation.

The electric line should be routed through the bottom of the framing, 27 1/2" from the left side of the enclosure.



# TRAVIS ELECTRIC FIREPLACES



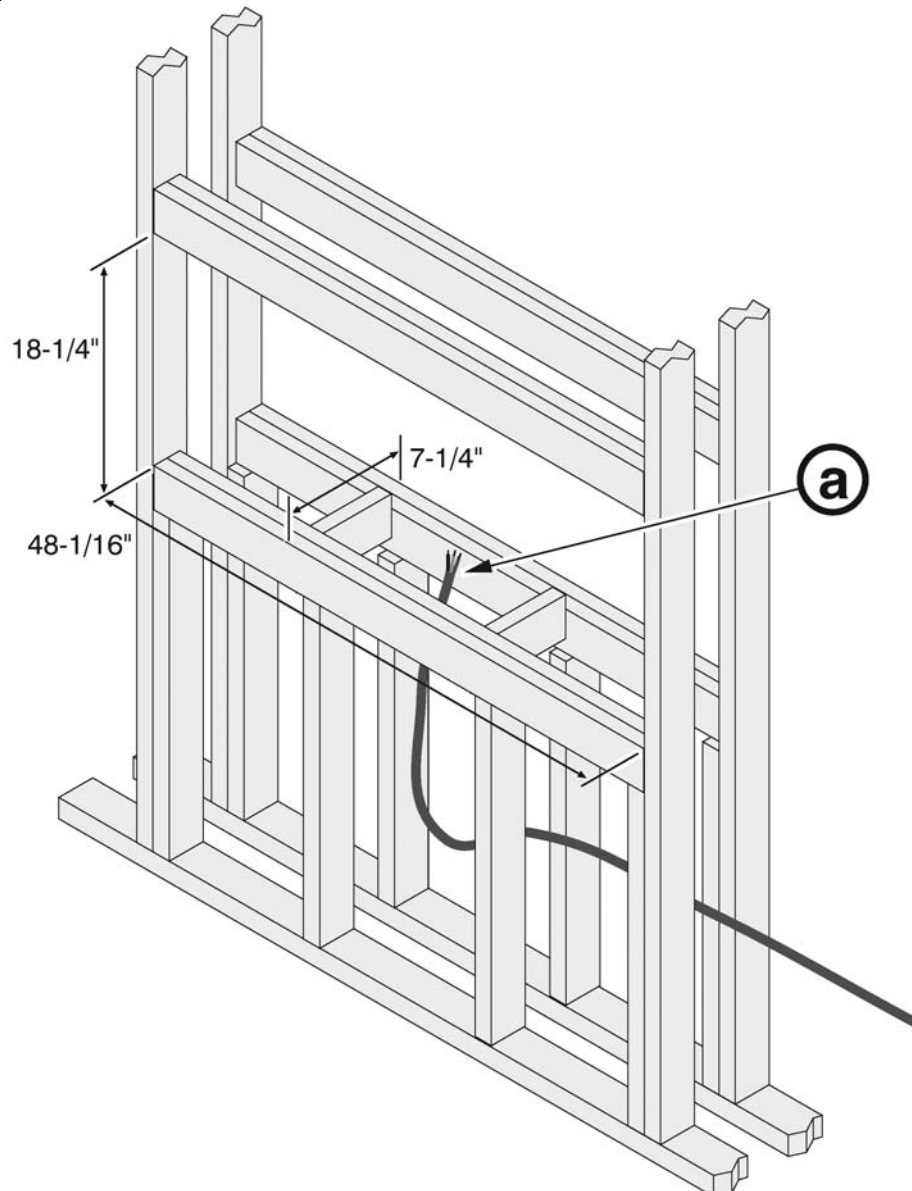
## 4915 E Illuminations Electric Fireplace™

### Two Sided Configuration

The following framing dimensions are for two sided installation. The framing or insulation may contact the sides and back of the fireplace.

**NOTE:** The depth of the enclosure may be altered to accommodate facing depth. The 7 1/4" dimensions below is based on 1/2" drywall on each side.

The electric line should be routed through the bottom of the framing, 27 1/2" from the left side of the enclosure



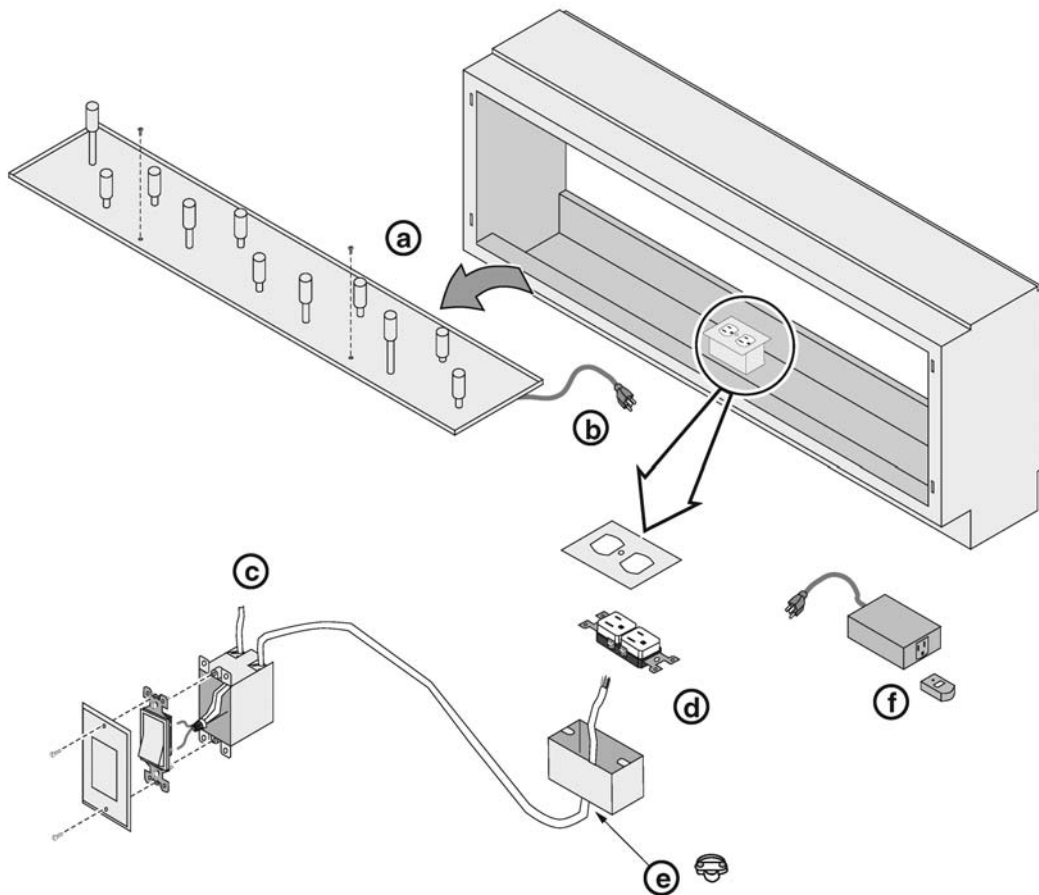
# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™

### Wiring the Junction Box

Remove and discard the two shipping screws on the candle tray (a). Lift the tray from the fireplace, making sure to un-plug the socket from the junction box inside the fireplace (b). The power supply is routed into the fireplace from below. You may wish to use the included wall switch (c) to control the fireplace. The junction box is shipped below the candle tray. Remove the cover plate receptacle and romex connector from the junction box (d). Route the power supply through the romex connector and connect to the receptacle. The romex connector secures the junction box to the base of the fireplace and prevents the wire from dislodging (e). An optional remote control is included (f). If you wish to use the remote, plug the remote into the receptacle and the candle tray into the remote.



# TRAVIS ELECTRIC FIREPLACES



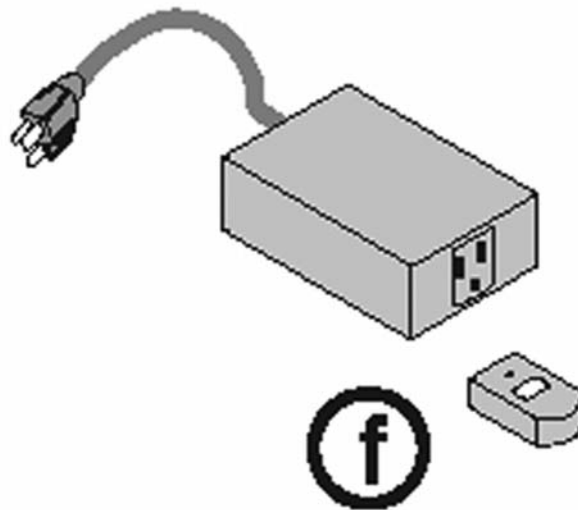
## 4915 E Illuminations Electric Fireplace™

### Remote and Wall Switch

If you wish to use the remote, plug the remote into the receptacle and the candle tray into the remote.

You may wish to install a wall switch to interrupt the circuit leading to the fireplace. A switch and wall plate are included with the fireplace.

**Do not install a dimmer (rheostat) on this fireplace, this will damage the bulbs.**



# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™

### Cylinder Installation

Candle	A	B	C	D	E	F	G	H	I	J	K
<b>Cylinder Dimensions</b>	9" Tall 3.25" Dia.	6" Tall 2" Dia.	6.5" Tall 5.5" Dia.	8" Tall 3.25" Dia.	6" Tall 2" Dia.	6.5" Tall 5.5" Dia.	8" Tall 3.25" Dia.	6" Tall 3.25" Dia.	9" Tall 3.25" Dia.	6" Tall 2" Dia.	6.5" Tall 5.5" Dia.
<b>Candle Sleeve ID</b>	1 and 2 placed together	4	5	1	5	6	1	6	1 and 3 placed together	4	5

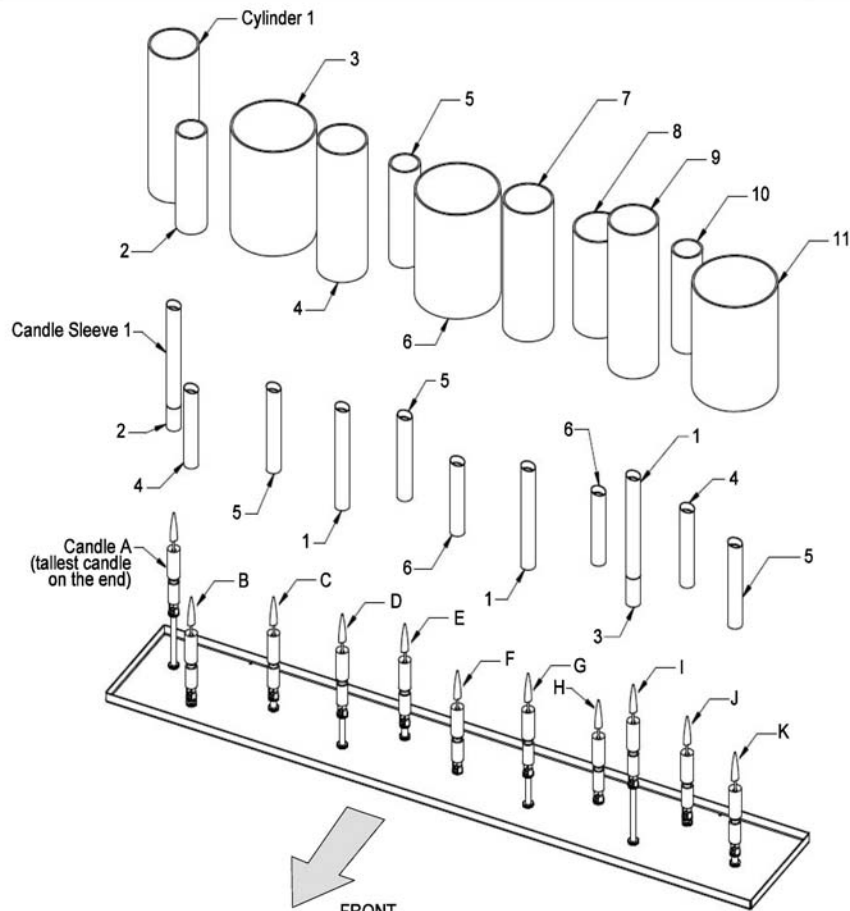


Figure 1



# TRAVIS ELECTRIC FIREPLACES

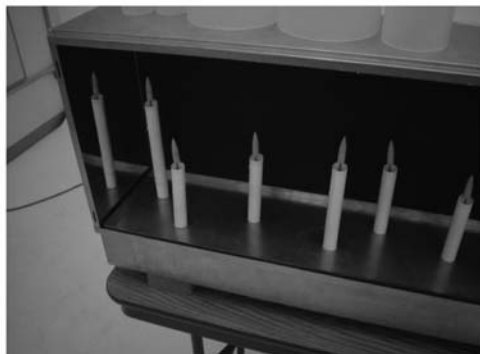


## 4915 E Illuminations Electric Fireplace™

### Sleeve Installation

Install the candle sleeves on the letter A and I candles first. These sleeves consist of two pieces and require you to place the smaller piece on first then tilt the candle tray forward to install the taller piece (fig. 2). Do not pull on the bulb or bulb base. Tilt the tray by pulling forward on the threaded candle base. The remaining sleeves may be installed with the candle tray in place. Take care to prevent damage to the candle bulbs (fig. 3).

- 1 Install the candle sleeves on the letter A and I candles first. These sleeves consist of two pieces and require you to place the smaller piece on first then tilt the candle tray forward to install the taller piece (see Figure 2). Do not pull on the bulb or bulb base. Tilt the tray by pulling forward on the threaded candle base. The remaining sleeves may be installed with the candle tray in place. Take care to prevent damage to the candle bulbs (see Figure 3).



Install the number 1 and 9 cylinders first. For these two cylinders you will need to tilt the candle tray forward, just as you had done for the candle sleeves (fig. 4). Place the remaining cylinders in place, taking care to prevent damage to the candle bulbs (fig. 5).

place, taking care to prevent damage to the candle bulbs (see Figure 5).



Figure 4



Figure 5

# TRAVIS ELECTRIC FIREPLACES



## 4915 E Illuminations Electric Fireplace™

### Glass Floor Installation

The candle tray is concealed using the two bags of crushed glass included with the fireplace. With the candle sleeves carefully centered over the candles, pour the crushed glass onto the tray (fig. 6). When pouring the glass, make sure to distribute it evenly to provide for even coverage. Make sure to distribute the glass around the edges of the sleeves to allow for a seamless look (fig. 7).



Figure 6



Figure 7

I



# TRAVIS INDUSTRIES INSTALLATION

---



Ladder Safety

Tools

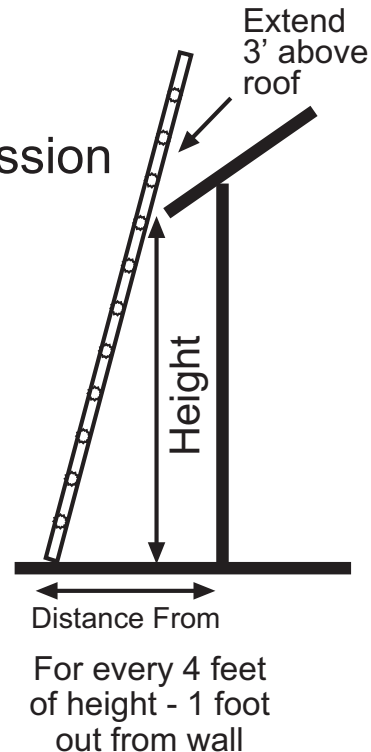
Installation Practices

Roof Pitch

Ceiling Penetration

## Ladder Safety

- Locate best access place
  - Check with customer for permission
- Watch for electrical lines
- Use toes/90° arm method to determine correct angle
- Use two hand contact when climbing
- Tie off the ladder at the top
- Ladder should extend at least three rung above the roof edge
- Invest in ladder levelers
- **Use only type I or type II ladders**



## Roof Safety

- Keep electrical cords from under feet
- Use a safety harness where appropriate
- Never throw anything off the roof
- Keep parts and tools from rolling /blowing off



## **Power Tool/Extension Cord Safety**

- Make sure all tools and extension cords are properly grounded. (GFI) Ground Fault Interrupter cords are recommended for outdoor use
- Make sure all tools are in good working order and kept clean
- Make sure all guards are in place and working

## **Personal Safety**

- Protect soot from contacting skin.
- Wear gloves for protection from sharp edges
- Eye protection
- Shoe/boots with soft soles for roof climbing.
- Ear protection
- Lifting belt

## Installation Tools

- Invest in the right tool to do the job
- Invest in good tools as they will perform better and last a lifetime
- Make sure your tools and equipment are kept clean and well maintained
- Bring industrial quality tools and equipment into your customers' home will allow you to charge more for your services
- **If necessary** invest in **your future** by buying your tools

## Installation Tools

### Installation Tools:

- Pry bars
- Tape measure
- Plumb bob
- Chalk line
- Torpedo level
- Stud sensor
- Combination square
- Utility knife
- 5 blade crimping pliers
- Hand seamer pliers
- Hammer
- Roofing nail pry bar
- Aviation snips
- Tin snips
- Pipe snips
- Caulking gun
- Tile breakers and rod
- Vinyl siding tools
- Dry wall hand saw
- 1" wood chisel
- Staple gun
- Masonry drill and 7/8" masonry drill bit
- Electricians knockout punch
- 7/2" flexible drill bit
- Wire sock for above
- Metal drill bit set
- Center punch
- 7/8" wood drill bit
- Rivet gun
- Strap wrenches
- Compass beam (Large circle compass)
- Stud finder

### Gas Piping Tools:

- Tubing cutters - regular & mini
- Flaring tool
- Tube bending tool
- 1/2" & 3/4" pipe threaded
- Thread cutting oil
- Pipe cutter
- Unbult or pipe reamer
- 1/2" & 3/4" pipe extractor
- Pipe vice
- Metal file
- Pipe caddies for nipples
- Pipe fitting bucket organizers
- Pipe joint compound - make sure it is approved for propane gas
- Teflon tape
- Pipe wrenches - 8", 10", 12" & 14"
- Hacksaw/mini hacksaw
- Air pressure test gage
- Air pressure test gage adaptors
- Portable air tank or air compressor
- Liquid leak detection fluid

## Installation Tools

### Power Tools:

- Reciprocating saw  
(wood and metal cutting blades)
- Heavy gage extension cords
- Cordless drill (extra battery)
- Circular saw  
(wood and masonry blades)
- Masonry hammer drill

### Safety Equipment:

- Lift belt
- Safety glasses
- Safety harness (fall protection)
- GFI (ground fault interrupter outlet)
- Ear plugs
- Ridge hook
- Ladder levelers
- Fire extinguisher

### Convenience:

- Hand truck
- Stove lift/stair climbing equipment
- 20' extension ladder
- FM - communication head set
- 6' step ladder
- Insert puller
- 4 wheel furniture dolly
- Knee pads

### Customer Home Protection:

- Drop cloth
- Rug runners
- Shop vacuum
- Vinyl gloves
- Denatured alcohol
- Broom
- Hand broom/dust pan
- Carpet sweeper
- Waterless hand cleaner
- Disposable coveralls
- Soot sponge

### Tile & Masonry Installation:

- Brick hammer
- Masonry chisel
- 1/4" & 3/8" Tuck pointing trowel
- Brick trowel
- 6" x 2" Utility trowel
- Brick jointer 3/8" x 1/2"  
1/2" x 5/8" & 5/8" x 3/4"
- Small Tuck pointing trowel
- Tuck pointers plugging chisel
- 5 gallon pails
- Grouting trowel
- Tile nipper
- Tile/marble saw
- Screeding trowel
- 24" Masons level
- Masons brush
- Skate wheeled joint raker
- Mixing paddle

## Installation of Travis Industries Products

- **Read** Travis Industries installation directions
- **Follow** Travis Industries Installation directions
- **Failure** to follow Travis Industries installation directions may result in:
  - ➞ Poor appliance performance
  - ➞ Voiding of listing and or warranty
  - ➞ Your assumption of all liability
  - ➞ **LOSS OF PROPERTY  
AND/OR LIFE**



## Installation of Travis Industries Products

- Know Your Markets Requirements
  - ✓ Building Permit Required
  - ✓ Final Inspection Required
  - ✓ License Requirements
    - Venting
    - Gas Piping
    - Electrical
  - ✓ Which codes and/or standards apply
    - Local
    - County
    - State
    - Code Bodies

## Installation of Travis Industries Products

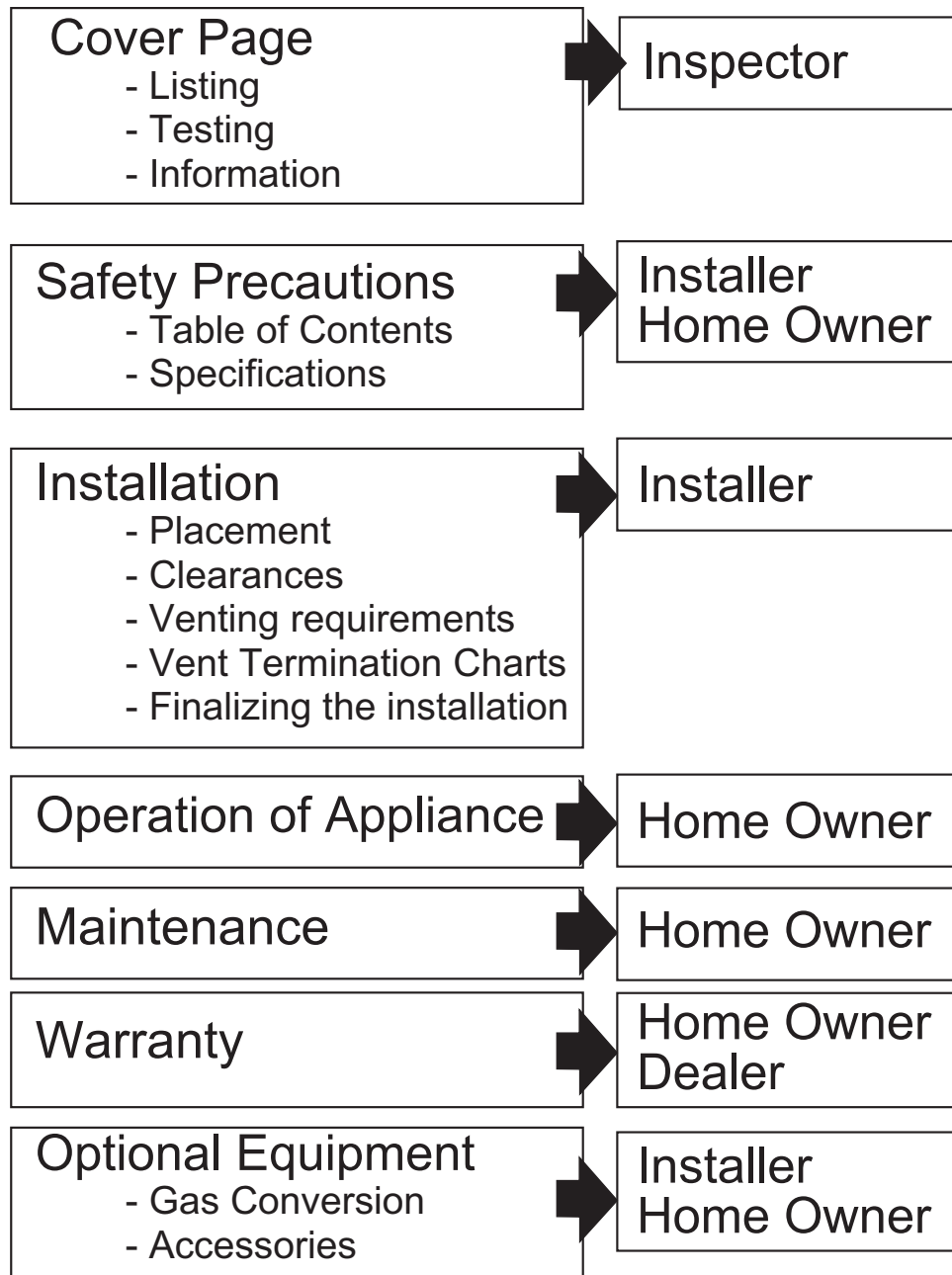
- Use only Travis Industries specified, listed and tested components
- Do not modify product/components unless authorized by Travis Industries
- Follow Travis Industries Prescribed.....
  - ➡ Clearance to Combustibles
  - ➡ Venting Parameters
  - ➡ Placement
  - ➡ Venting Termination
  - ➡ Finalizing the Installation

## Installation of Travis Industries Products

When reading Travis Industries Installation Directions, pay particular attention to the following:

- ✓ Items required for installation
- ✓ Stove/insert/fireplace clearance
  - Framing
  - Adjacent walls
  - Ceiling
  - Mantels and decorative trim
- ✓ Stove/insert/fireplace placement requirements
- ✓ Floor protection requirements

## Typical Breakdown of All Travis Installation Manuals

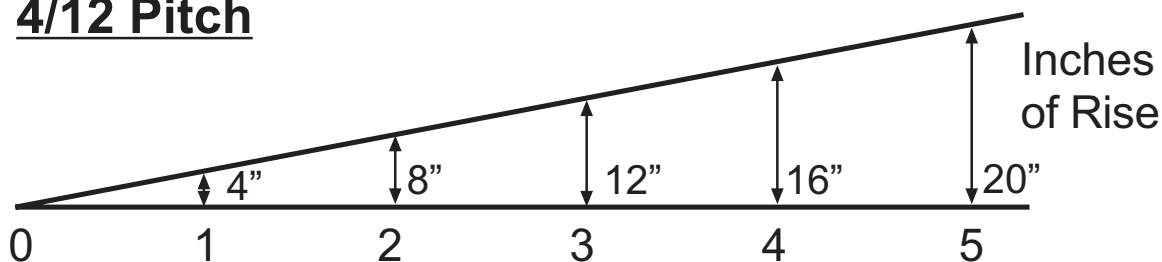


## Roof Pitch

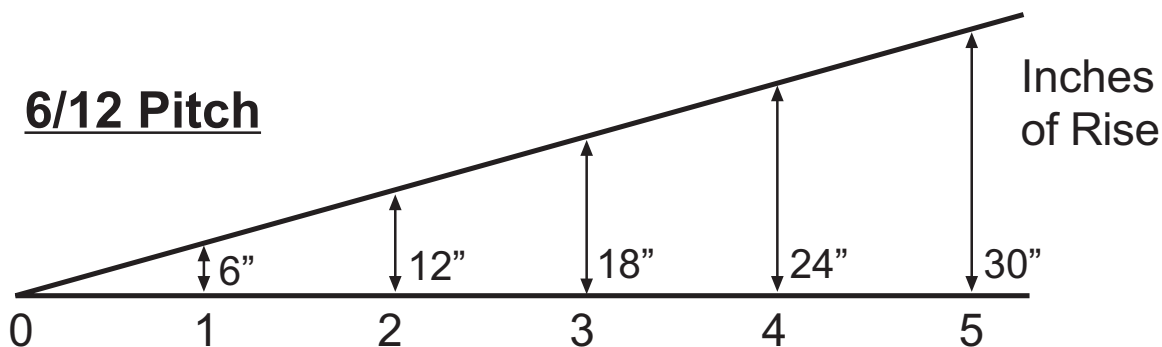
- Rise in inches per foot of run

### Common Pitches:

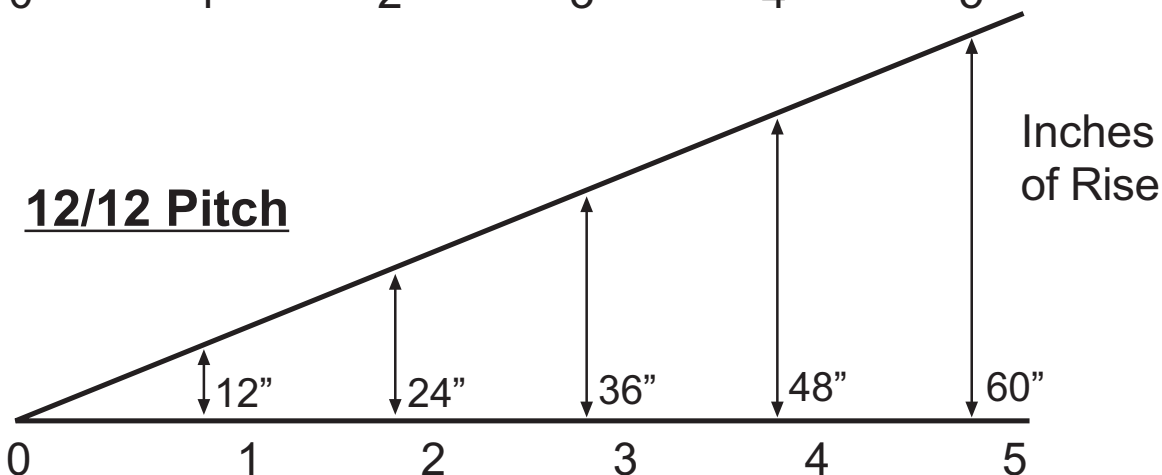
#### 4/12 Pitch



#### 6/12 Pitch



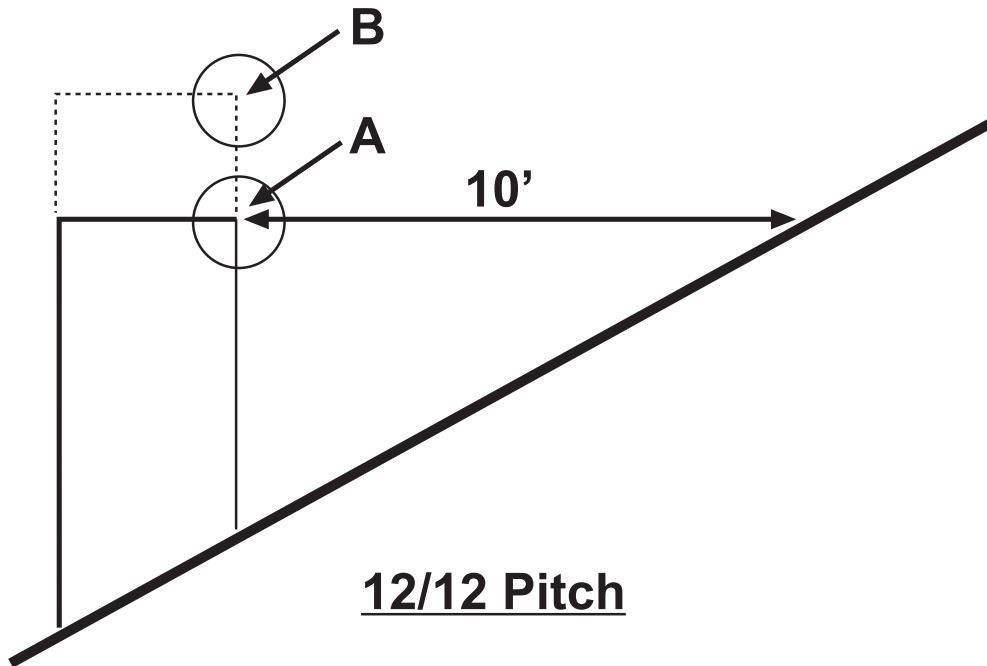
#### 12/12 Pitch





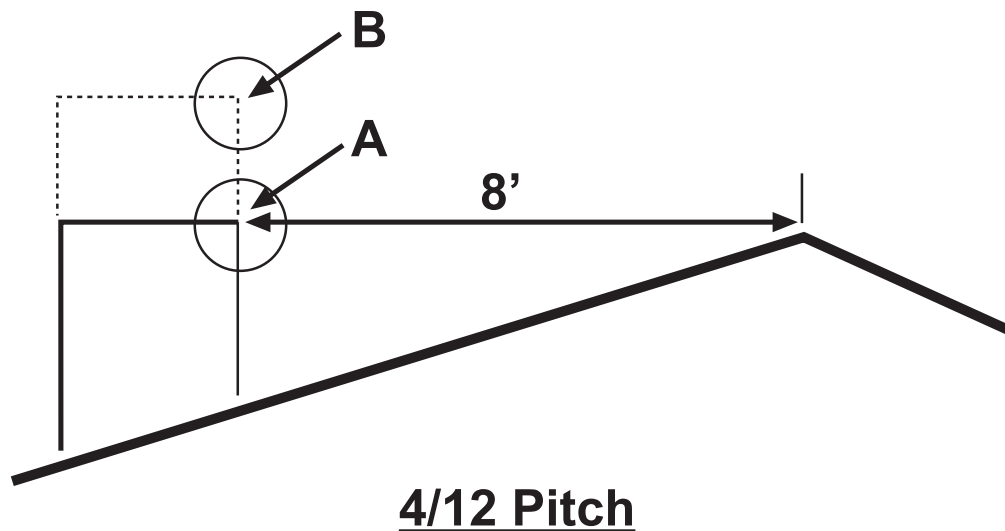
## Roof Pitch

- Calculate: 3' -2' -10' Chimney Requirements for Wood Burning Chimney



- Chimney must be 2' higher than any roof portion within 10' and be a minimum of 3' above the roof
- $10' \times 12'' = 120''$  Point A = 120"  
 $120'' + 24''$  (2 foot above) = 164" above roof

## Roof Pitch



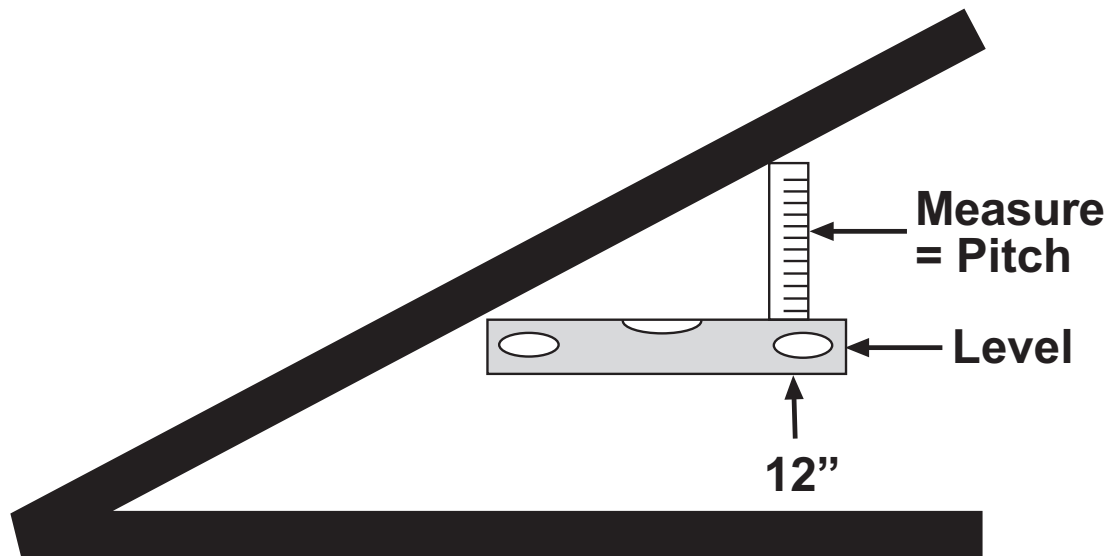
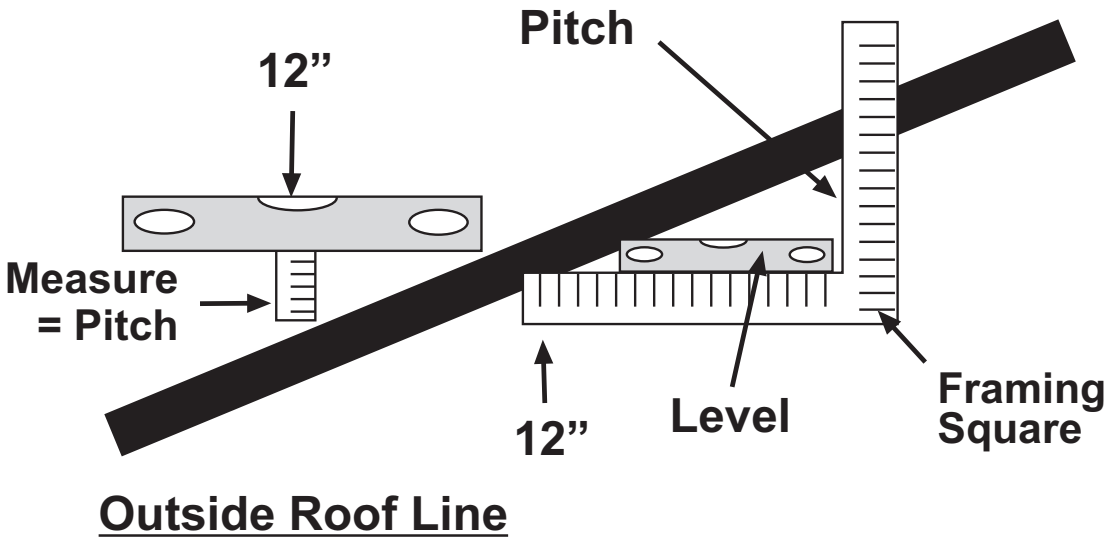
### QUESTION

What amount of chimney must be extended above the roof line to satisfy the 3' - 2' - 10' chimney rule

A =

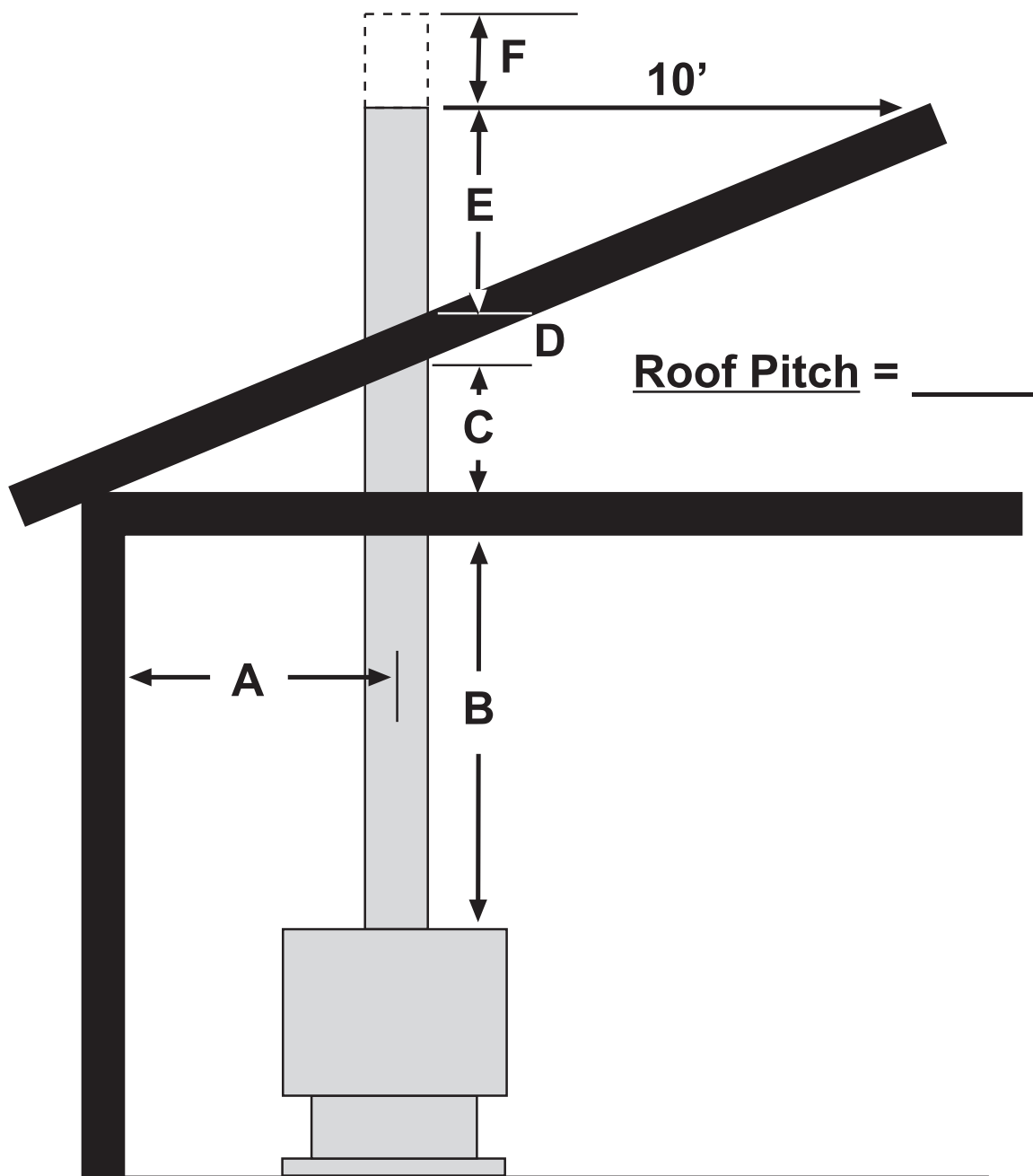
B =

## Measuring Roof Pitch

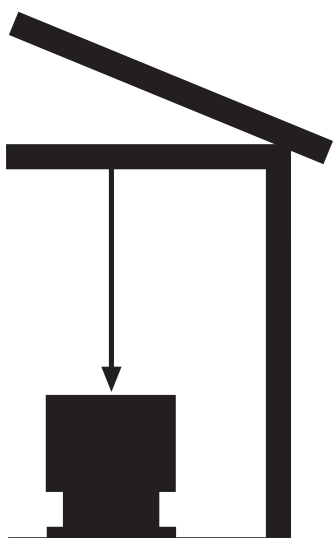


Inside Attic Space or Cathedral Ceiling

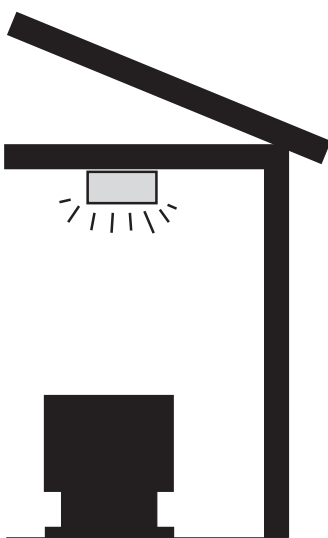
## Measuring Roof Pitch



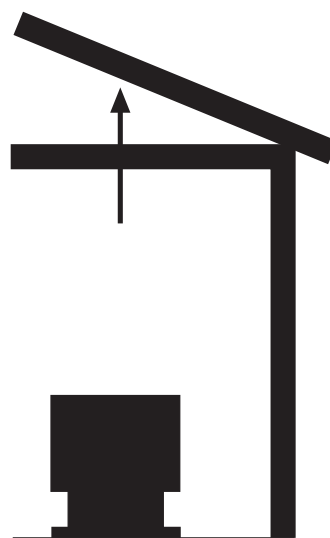
## Passing Through the Ceiling and Roof



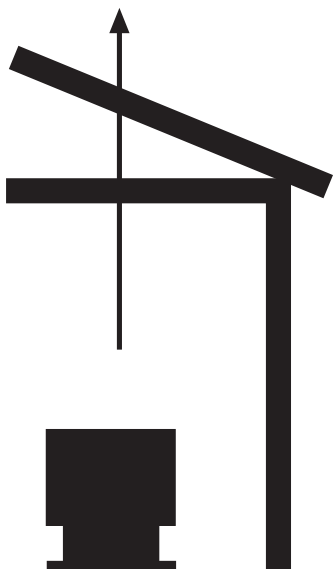
1. Plumb to ceiling and mark ceiling.



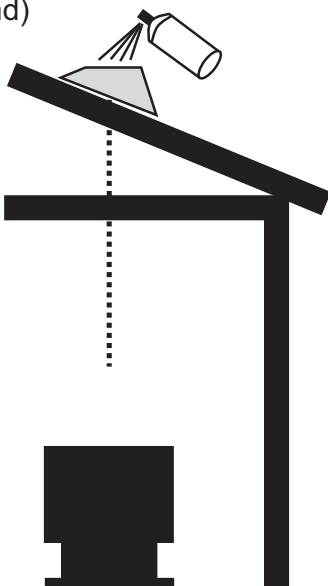
2. Locate ceiling joist with stud finder - relocate center and mark as necessary. (Keep stove clearances in mind)



3. With a coat hanger, drill into the attic space. If possible access attic space. Check for any obstructions (Ducting, piping, wires)



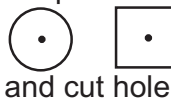
4. Plumb or drill through roof. (Plumb - drive nail)



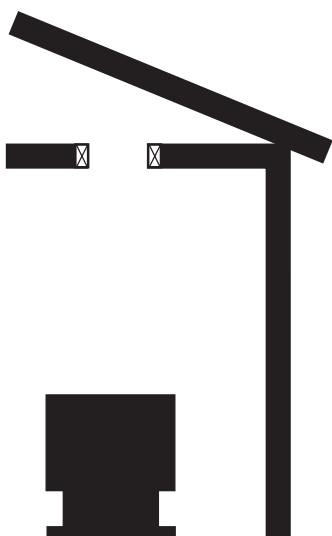
5. Center flashing. Spray paint inside opening.



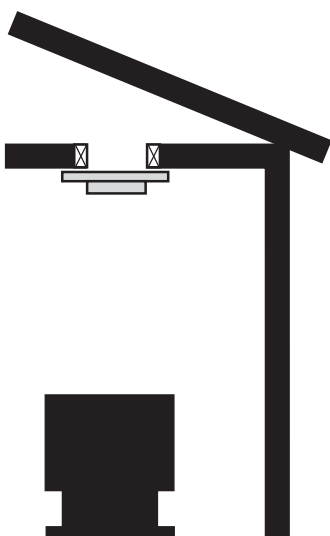
6. Mark ceiling with template



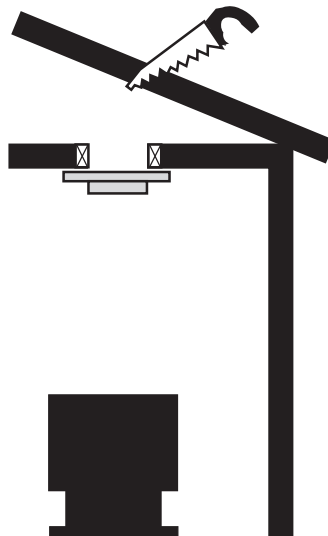
## Passing Through the Ceiling and Roof



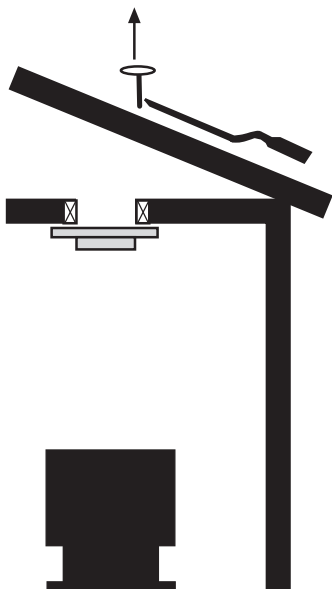
7. Frame opening with 2 x 4 and right angle Simpson brackets



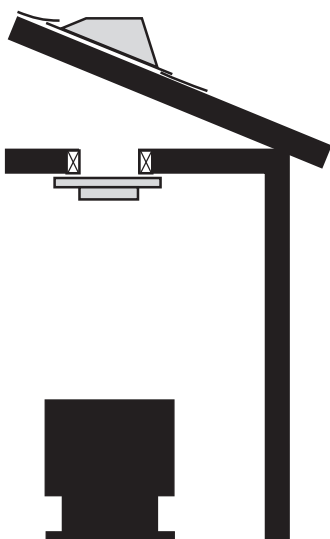
8. Install ceiling support



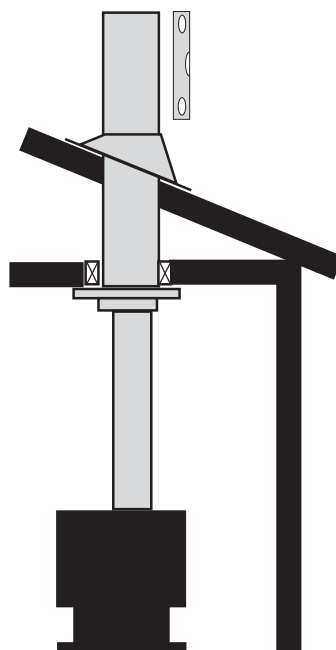
9. Cut hole in roof with saw



10. Loosen and remove roofing nails



11. Slip flashing under shingles as necessary



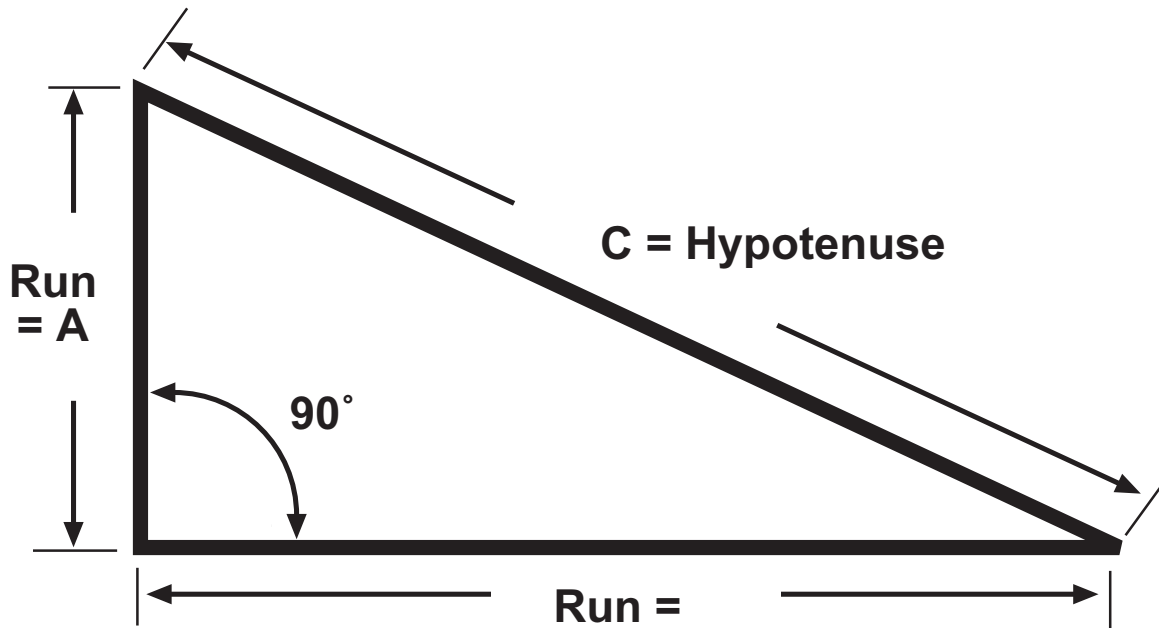
12. Install pipe - LEVEL - Nail flashing & shingles - and install connector pipe. Install storm collar - caulk storm collar



## Passing Through the Ceiling and Roof

- **AVOID CUTTING THROUGH...**
  - Ceiling Joists
  - Rafters
  - Support Beams
  - Trusses
- Talk to the customer about alterations
- Walk if necessary

## Calculating the Hypotenuse of a Right Triangle



$$A^2 + B^2 = C^2$$

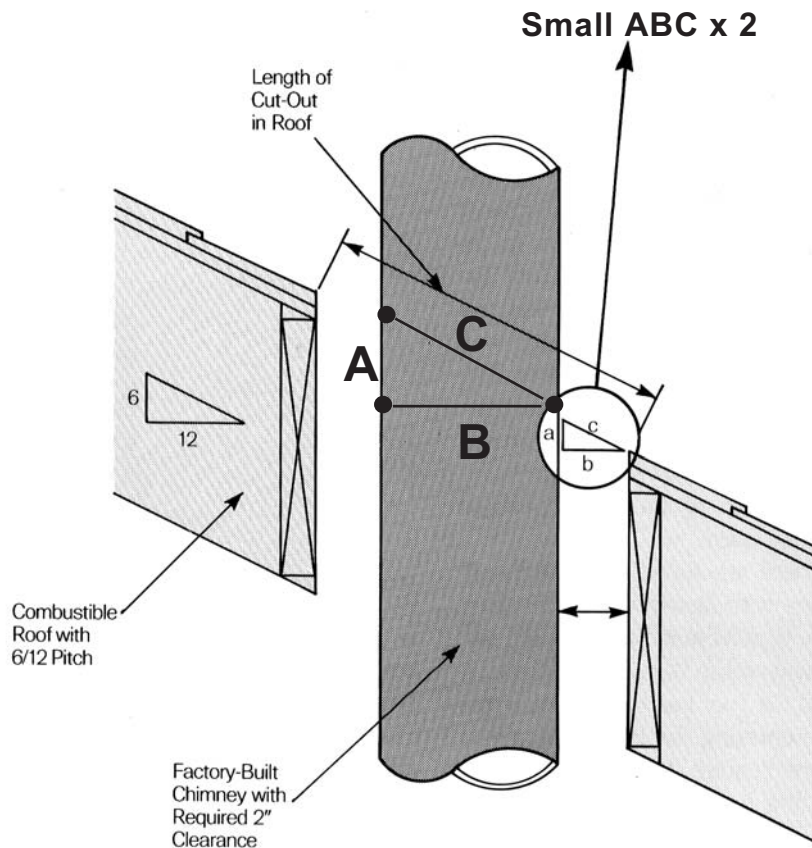
- $A = 6''$
- $B = 10''$

$$\begin{aligned} A^2 + B^2 &= C^2 \\ (A \times A) + (B \times B) &= C^2 \\ (6 \times 6) + (10 \times 10) &= C^2 \\ 36'' + 100'' &= C^2 \\ \sqrt{136''} &= C^2 \\ 11.66 &= C^2 \end{aligned}$$

# TRAVIS INDUSTRIES INSTALLATION



## Calculating Length of the Roof Cutout



### Small ABC

$$A^2 + B^2 = C^2$$

A - Unknown

B - 2"

C - Unknown

Pitch - 6/12

$$A/2 = 6/12$$

$$\begin{array}{r} \text{ } \times \text{ } \\ \hline 12A/2 = 6 \end{array}$$

$$12A/2 = 6$$

$$\begin{array}{r} \text{ } \times \text{ } \\ \hline 12A = 12 \end{array}$$

$$12A = 12$$

$$\begin{array}{r} \text{ } \div \text{ } \\ \hline A = 1 \end{array}$$

$$A = 1$$

$$A^2 + B^2 = C^2$$

$$(A \times A) + (B \times B) = C^2$$

$$(1 \times 1) + (2 \times 2) = C^2$$

$$1 + 4 = C^2$$

$$5 = C^2$$

$$2.23 = C$$

### Large ABC

$$A^2 + B^2 = C^2$$

A - Unknown

B - 12"

C - Unknown

Pitch - 6/12

$$A/12 = 6/12$$

$$\begin{array}{r} \text{ } \times \text{ } \\ \hline 12A/12 = 6 \end{array}$$

$$\begin{array}{r} \text{ } \times \text{ } \\ \hline 12A = 72 \end{array}$$

$$\begin{array}{r} \text{ } \div \text{ } \\ \hline A = 6" \end{array}$$

$$A^2 + B^2 = C^2$$

$$(A \times A) + (B \times B) = C^2$$

$$(6 \times 6) + (12 \times 12) = C^2$$

$$36 + 144 = C^2$$

$$180 = C^2$$

$$\sqrt{180}$$

$$C = 13.41$$

**Small C Plus  
Big C Plus  
Small C =  
Length of Roof Cut  
Out**

**2.23 - Small C**

**13.41 - Big C**

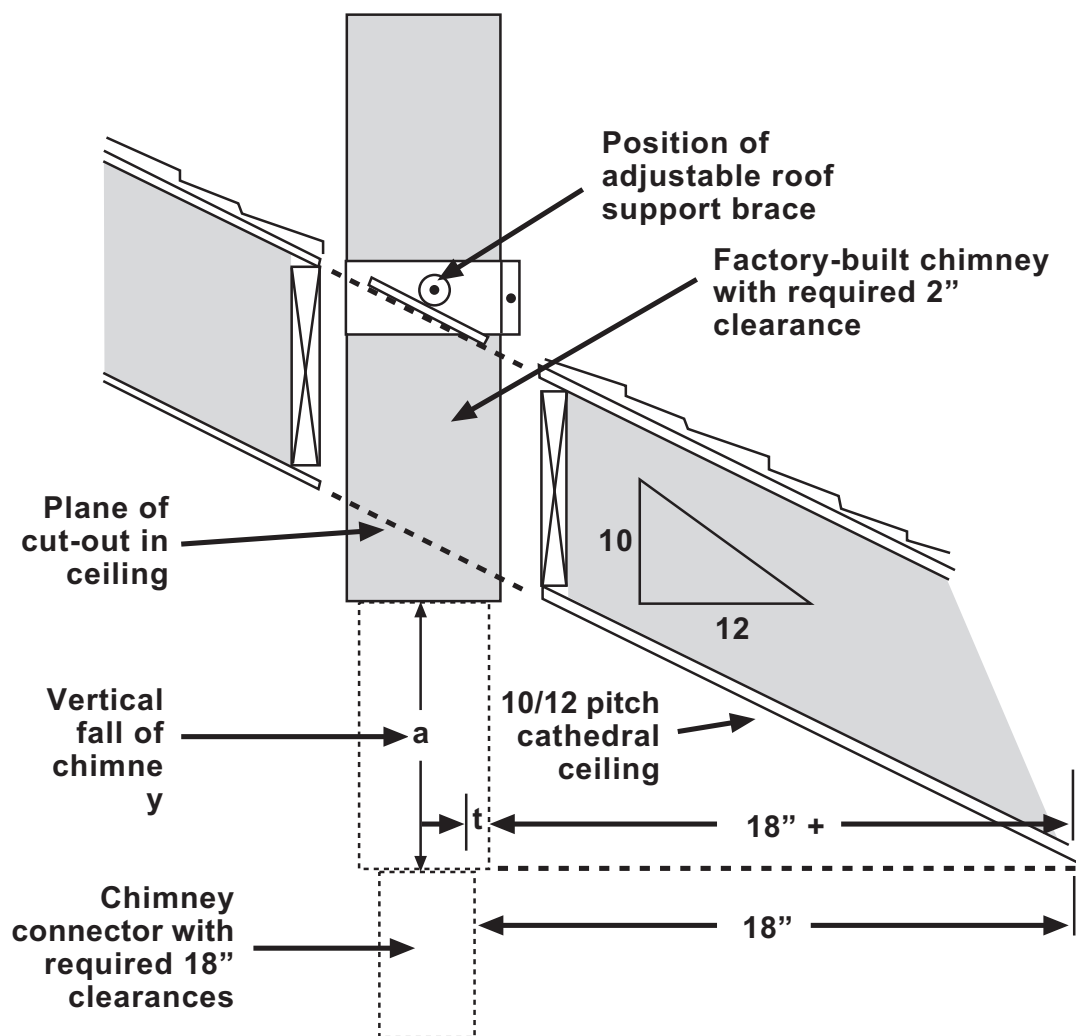
**2.23 - Small C**

**17.87**

**or**

**17 7/8"**

## Calculating Support Box Length



**A = Unknown**

**B = 18 -+**

**C = Unknown**

**+ = 1.5"**

**Pitch 10/12**

$$\frac{A}{16.5} + = \frac{10}{12}$$

↑ x

$$\frac{12A}{16.5} = 10$$

↑ x

$$12A = 165$$

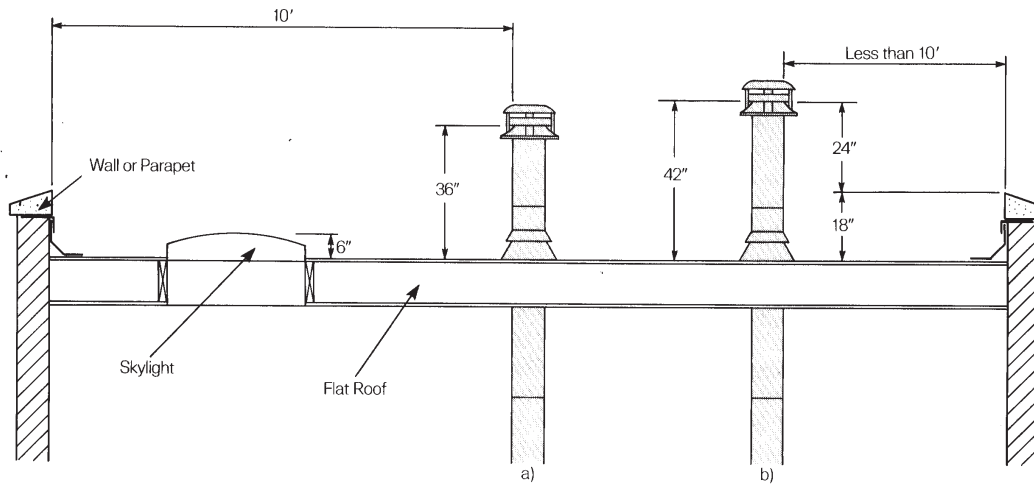
↑ ÷

$$A = 13.75"$$

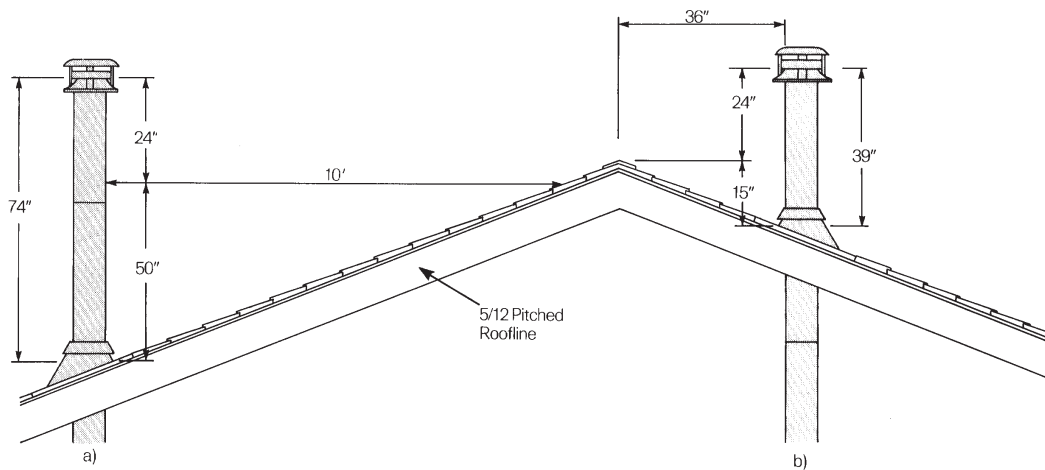
# TRAVIS INDUSTRIES INSTALLATION



## 3 Foot - 2 Foot - 10 Foot Rule



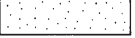
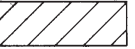



CALCULATING CHIMNEY HEIGHTS WITH FLAT ROOFS (Example with 18" Parapets)

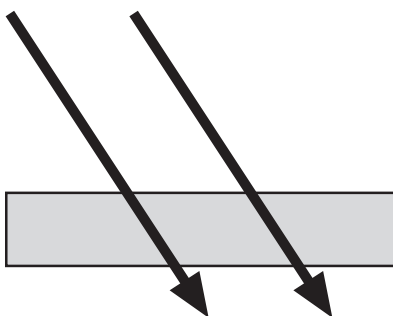


## Typical Insulating Values

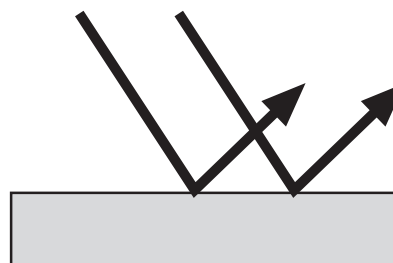
TYPICAL INSULATING VALUES OF HEARTH MATERIALS

Typical Hearth Extension Materials	Ceramic Fiber Millboard	Mineral Fiber Millboard	Ceramic Tile, Stone*	Face Brick*	Common Brick, Cement Mortar*
k Value (per inch) (BTU-in/ft <sup>2</sup> hr F°)	0.56	0.84	12.50	9.00	5.00
r Value (per inch) (1/k)	1.78	1.19	0.08	0.11	0.20
Typical Standard Thickness	0.50" 	1.00" 	2.00" 	2.50" 	4.00" 
R value (actual) (r × thickness)	0.89	1.19	0.16	0.28	0.80
Thickness of material having R value = 1.78 (1.78/r)	1.00"	1.50"	22.00"	16.00"	9.00"

\* The insulating value of most masonry materials (including tile, brick, stone, concrete, cement), is minimal. In using traditional masonry hearth materials, it is often necessary to use in combination with an insulating board of appropriate k or R values as per the manufacturer's specifications.



**k-Value**



**r-Value**



## WOOD LAB

### Hands On Lab Sheet

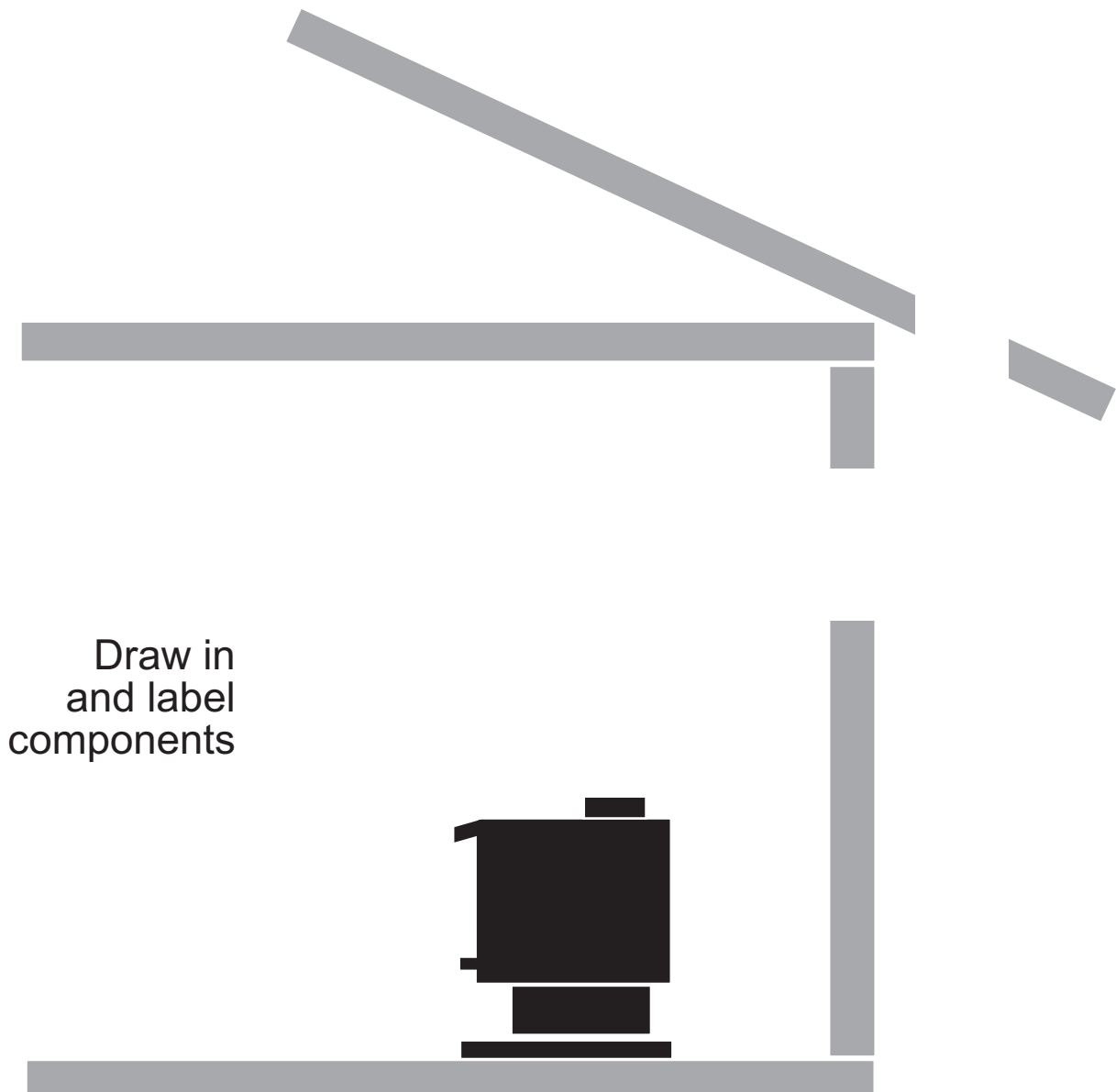
#### Required Activity

1. Install Vent System
2. Draw Up Venting For Wood Stove Installation
3. Set Up Of Electric Fireplace Or Stove and sync remote
4. Test Electric Blower on FPX Wood Fireplace

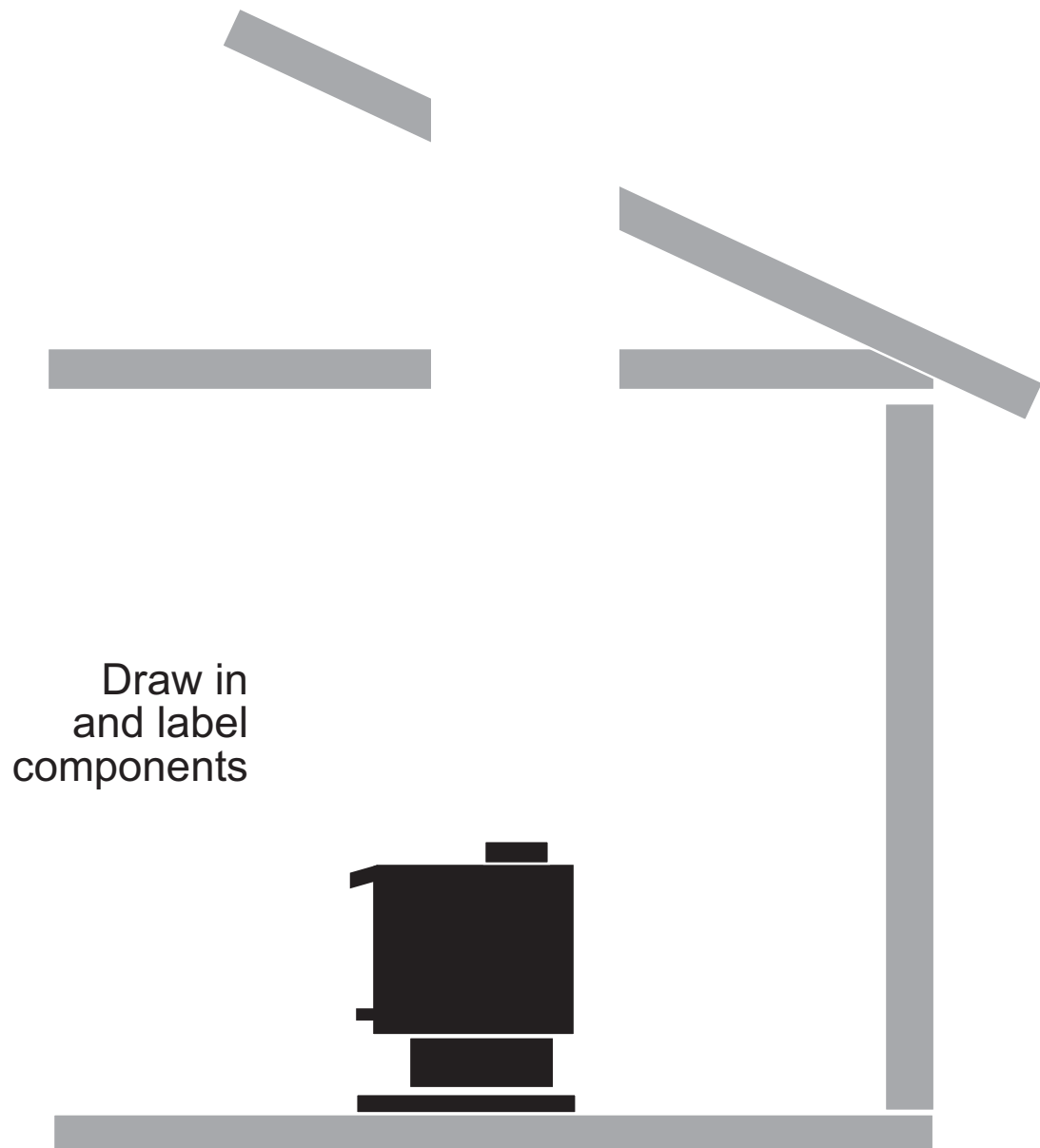
#### Elective Activity

1. Outside Air Kit Installation
2. Front and Rear Blower Installation
3. Ceiling Penetration Installation
4. Stud Finders, Drill Spotters and Laser Centers and Other Helpful Ideas
5. Testing Door Gasket and Door Adjustment
6. Air Tube Replacement
7. Glass Replacement
8. Bypass Control Replacement
9. Brick Replacement - Baffle Support Replacement
10. Catalytic Combustor Removal and Cleaning

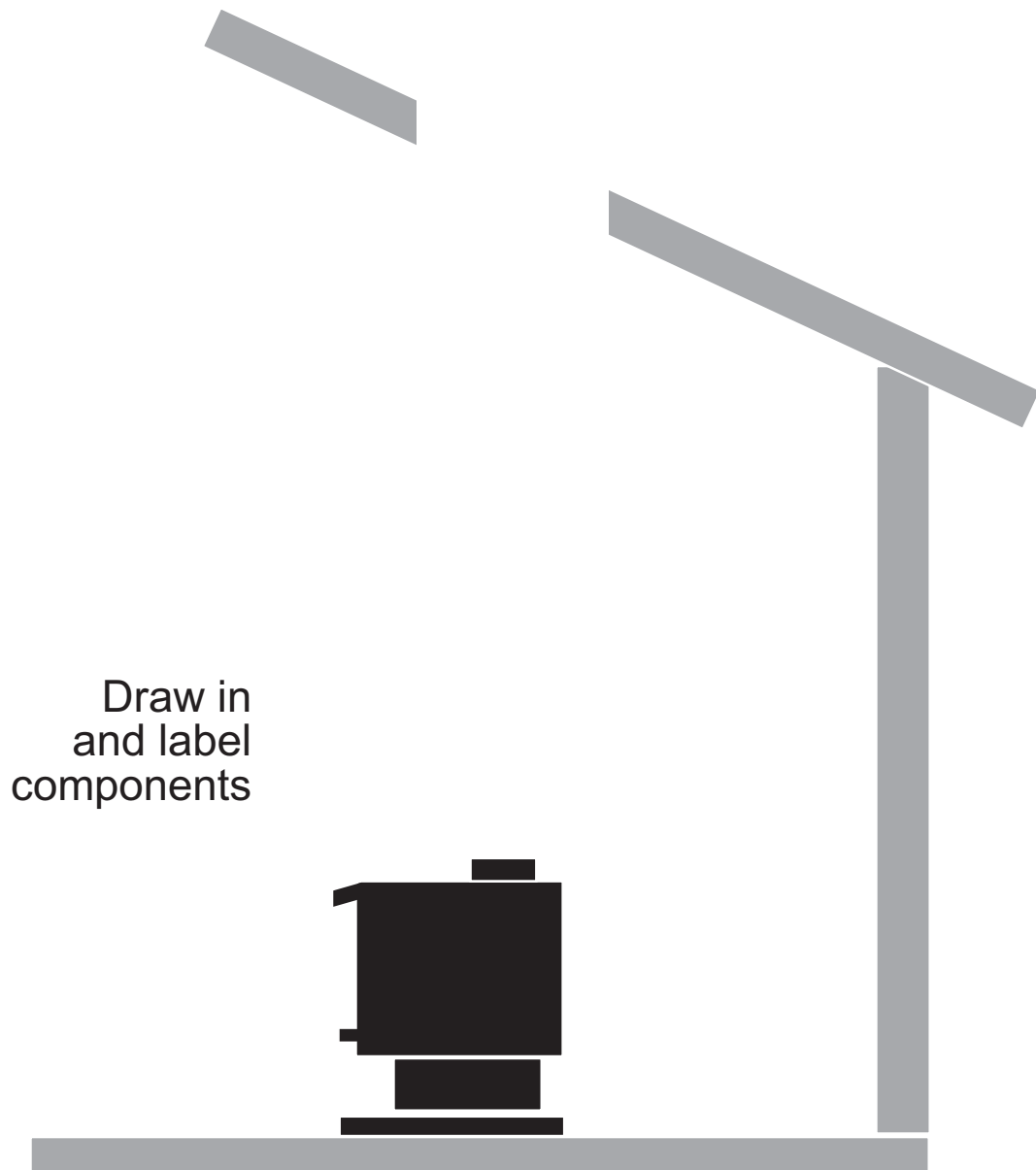
## WOOD STOVE Thru-the-Wall Penetration



## WOOD STOVE Ceiling Penetration



## WOOD STOVE Cathedral Ceiling Penetration





# REVIEW

---







Name: \_\_\_\_\_

Store: \_\_\_\_\_

Course Title: \_\_\_\_\_

### TRAINING WORKSHOP EVALUATION

**Primary  
Position:**

☐

Business Owner

☐

Manager

☐

Salesperson

☐

Installer

☐

Service Technician

☐

Other \_\_\_\_\_

What was most helpful to you? Why? \_\_\_\_\_

What was least helpful to you? Why? \_\_\_\_\_

General Comments About the Training Program \_\_\_\_\_

What other training topics should we offer? \_\_\_\_\_

**Who Else In Your Organization Might  
Benefit From This Training**

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

**Please Circle the Appropriate Numbers**

Pre-Study Training Materials

High - 5 4 3 2 1 - Low

Hands-On Training Activities

High - 5 4 3 2 1 - Low

Class Room Training Materials

High - 5 4 3 2 1 - Low

Training Displays and Training Aids

High - 5 4 3 2 1 - Low

Class Met My Expectations

High - 5 4 3 2 1 - Low

Overall Value of Training Course

High - 5 4 3 2 1 - Low

Instructor's Knowledge of Subject Matter

High - 5 4 3 2 1 - Low

Instructor's Delivery and Presentation Style

High - 5 4 3 2 1 - Low

Comments \_\_\_\_\_

Hotel Accommodations

High - 5 4 3 2 1 - Low

Food and Refreshments

High - 5 4 3 2 1 - Low

How does our training compare to others you have taken?

Much Better   Better   Same   Worse  
(Please circle best response)

List Other Manufacturer's Training Course's Taken:

\_\_\_\_\_  
\_\_\_\_\_

You have my permission to reprint my comments.   Signed \_\_\_\_\_



# Evaluation

---



Activities to be checked off by instructor.

1. Draw up wood stove installation. \_\_\_\_\_
2. Test blower circuit on FPX Wood. \_\_\_\_\_
3. Set up Electric fireplace and sync remote. \_\_\_\_\_