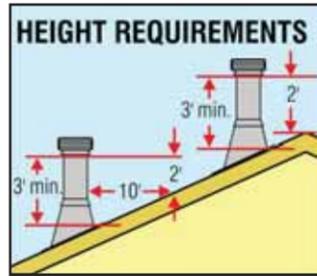


Step 2

Determine the number of Chimney Lengths required. Chimney Lengths are available in 48", 36", 24", 18", 12" and 6" lengths.

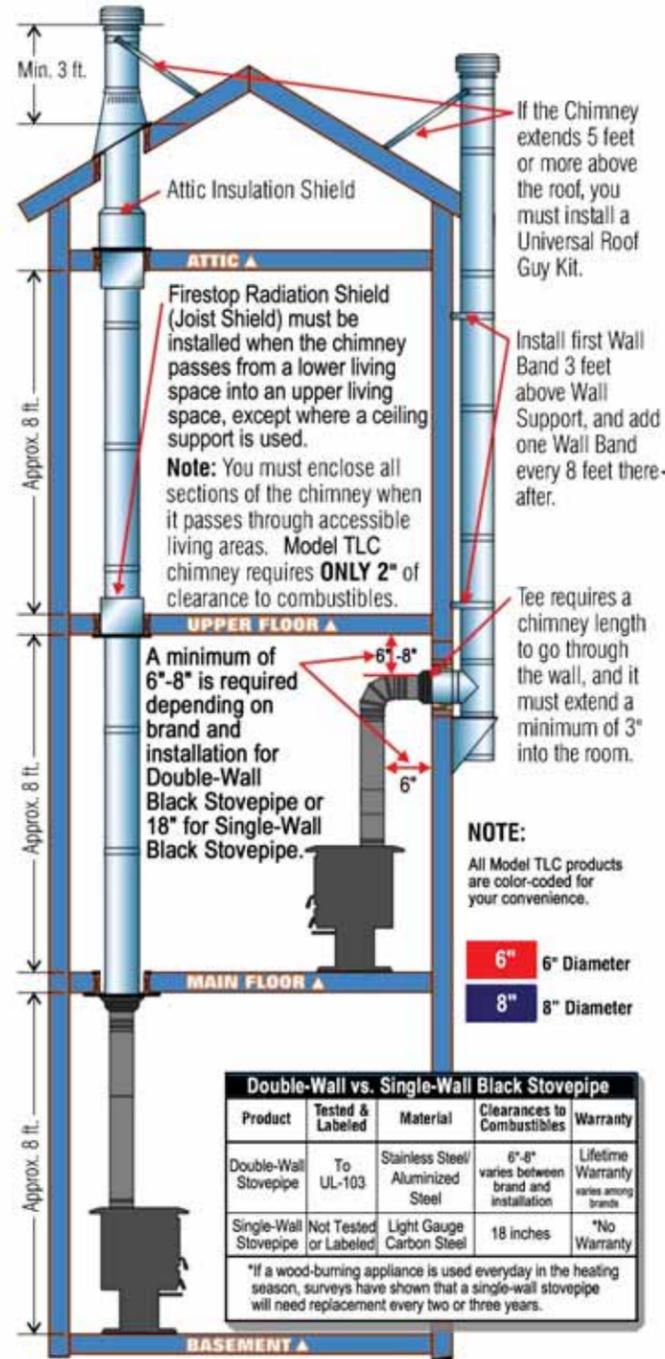
The chimney must extend at least 3' above the highest point where it passes through the roof surface and at least 2' higher than any part of the building within a horizontal distance of 10'.

NOTE: When calculating the installed length of your chimney, subtract 1 1/8" for each joint and include the height requirements as shown in this illustration.



Helpful Installation Tips

Need help?
Contact us at 1-800-433-6341
Or, visit us online at www.hartandcooley.com



Step 3

Choose the proper Roof Flashing required for your installation.

To determine which Roof Flashing you require, work out the pitch of your roof.

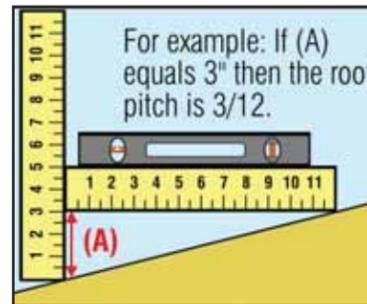
6" Chimney Diameter:
0/12 - 6/12 Roof Pitch = **6TLCF6** (Low Slope)
6/12 - 12/12 Roof Pitch = **6TLCF12** (Steep Slope)

8" Chimney Diameter:
0/12 - 6/12 Roof Pitch = **8TLCF6** (Low Slope)
6/12 - 12/12 Roof Pitch = **8TLCF12** (Steep Slope)

NOTE: For metal roof, use Universal Rubber Boot Flashing Kit = TLCRBF.

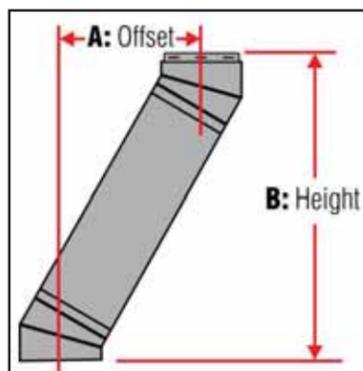
Roof Flashing Selection Chart

To calculate your roof pitch, use one of the 12-inch rulers to measure the number of inches (A) from the end of the other ruler down to the roof.



Step 4 Offset Calculation for Ceiling Support Installations Only

If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. Refer to the Chimney Offset Chart to determine the Elbow and Chimney Length required.



Chimney Offset Chart

Elbow	Chimney Length	6" Diameter		8" Diameter	
		A	B	A	B
2 x 15°	no chimney length	1 1/8"	10"	1 1/4"	10 3/8"
2 x 15°	6" chimney length	2 3/8"	14 1/4"	2 1/2"	15 5/8"
2 x 15°	12" chimney length	4"	20 1/2"	4 1/8"	21"
2 x 15°	24" chimney length	7"	32"	7 1/8"	32 1/2"
2 x 15°	36" chimney length	10 1/4"	43 5/8"	10 1/4"	44 1/8"
2 x 30°	no chimney length	2 3/4"	11 5/8"	3 1/2"	14 1/2"
2 x 30°	6" chimney length	5 1/4"	15 7/8"	6"	18 3/8"
2 x 30°	12" chimney length	8 1/4"	21"	9"	24"
2 x 30°	24" chimney length	14 1/4"	31 3/8"	15"	32 3/8"
2 x 30°	36" chimney length	20 1/4"	41 7/8"	21"	44 3/4"

Step 5

The final step required to complete your Wood Stove chimney installation is to determine the double-wall or single-wall black stovepipe parts that will be needed to transition from the TLC chimney to your wood stove outlet.

THE BEST THERE IS!

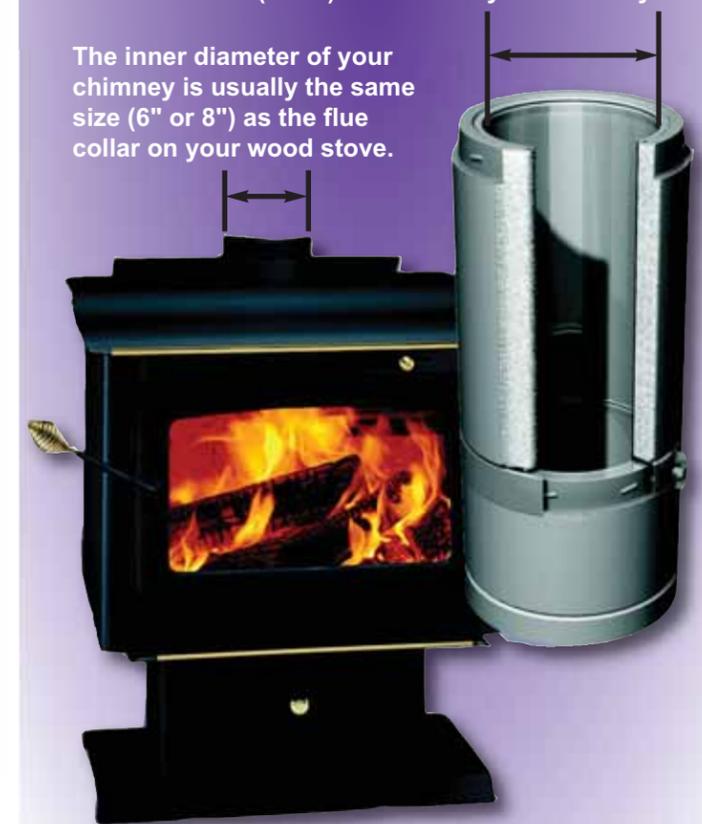
Model TLC
Installation Planning Guide



Getting Started

Before you begin, determine the (inner) diameter of your chimney.

The inner diameter of your chimney is usually the same size (6" or 8") as the flue collar on your wood stove.



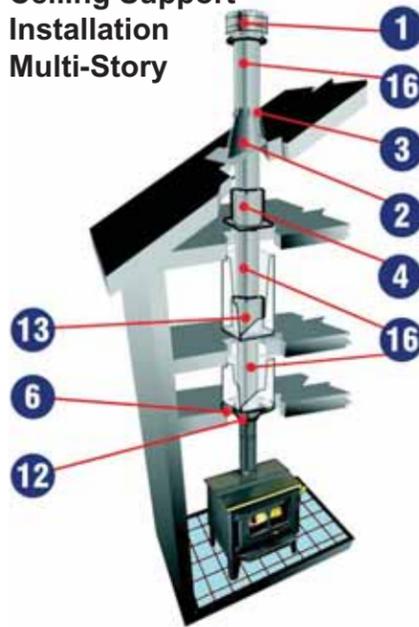
Step 1 Select type of installation by determining where your chimney will run.

Ceiling Support Installation



Note: If your chimney runs more than 50', you must install a Roof Support *TLCRS.

Ceiling Support Installation Multi-Story



Note: If your chimney runs more than 50', you must install a Roof Support *TLCRS.

Ceiling Support Installation with Offset



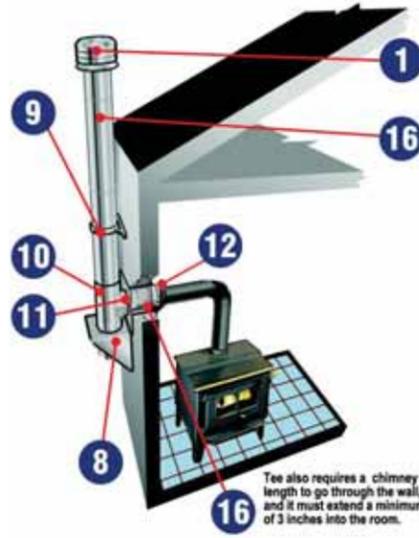
Note: If your chimney runs more than 50', you must install a Roof Support *TLCRS.

Cathedral Ceiling Support Installation



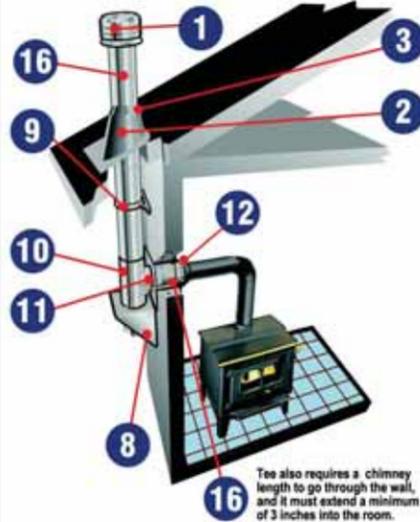
Note: If your chimney runs more than 38', you must install a Roof Support *TLCRS.

Wall Support Installation



Note: If your chimney runs more than the amount allowed in the installation manual, you must install an Adjustable Intermediate Wall Support *TLCIWS.

Wall Support Installation through a Soffit



Note: If your chimney runs more than the amount allowed in the installation manual, you must install an Adjustable Intermediate Wall Support *TLCIWS or a Roof Support *TLCRS.

Installation Planning Work Sheet Diameter Required: ■ 6" ■ 8"

All parts are also available in 5" and 7" diameters.

Note: Asterisk "*" shown in Model # represents diameter required.

Model TLC	Model #	Price	Qty	Total
1 Deluxe Rain Cap	*TLCC	\$	x	= \$
Spark Arrester not illustrated	*TLCSA	\$	x	= \$
2 Adjustable Flashing Assembly and Storm Collar - see Step 3				
Adj. 0/12 to 6/12	*TLCF6	\$	x	= \$
Adj. 6/12 to 12/12	*TLCF12	\$	x	= \$
Rubber Boot Flashing Kit - see Step 3 not illustrated	TLCRBF	\$	x	= \$
3 Galvalume Storm Collar comes with flashing	*TLCSC	\$	x	= \$
4 Attic Insulation Shield	*TLCIS	\$	x	= \$
6 Ceiling Support	*TLCCSR	\$	x	= \$
7 Cathedral Ceiling Support Box not illustrated	*TLCCSS	\$	x	= \$
8 Adjustable Wall Support comes with insulated tee cap	*TLCAWS	\$	x	= \$
Anchor Plate not illustrated	*TLCAP	\$	x	= \$
9 Wall Band - see Installation Tips	*TLCWB	\$	x	= \$
10 Insulated Tee	*TLCT	\$	x	= \$
11 Black Wall Thimble	*TLCWT	\$	x	= \$
12 Stovepipe Adapter	*TLCSPA	\$	x	= \$
Soffit Plate not illustrated	*TLCSP	\$	x	= \$

Model TLC	Model #	Price	Qty	Total
Matte Black Trim Collar not illustrated	*TLCTC	\$	x	= \$
13 Firestop Radiation Shield / Firestop Joist Shield (multi-story installation)	*TLCFRS	\$	x	= \$
Adjustable Universal Roof Guy Kit - see Installation Tips not illustrated (if chimney extends more than 5' above roofline)	TLCRGK	\$	x	= \$
15 If Offset is required, add one (2 per Kit) - see Step 4				
15° Elbow Kit	*TLCEK15	\$	x	= \$
30° Elbow Kit	*TLCEK30	\$	x	= \$
16 Chimney Lengths - see Step 2				
48" Length	*TLC48	\$	x	= \$
36" Length	*TLC36	\$	x	= \$
24" Length	*TLC24	\$	x	= \$
18" Length	*TLC18	\$	x	= \$
12" Length	*TLC12	\$	x	= \$
6" Length	*TLC6	\$	x	= \$
Stainless Steel Locking Band (for each pipe length) not illustrated comes with pipe lengths required at each connection	*TLCLB	\$	x	= \$
Shielding Insulation Wrap (use only with parts 4 , 7 or 11) not illustrated	TLCISI	\$	x	= \$