

# DURAPLUS® 2 DP2

Factory-built CHIMNEY  
6" & 8" dia.  
TYPE HT

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## INSTALLATION

AND

## OPERATION

## INSTRUCTIONS

### WARNING

A MAJOR CAUSE OF CHIMNEY-RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACES) TO COMBUSTIBLE MATERIALS. IT IS OF UTMOST IMPORTANCE THAT THIS CHIMNEY BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

**Read these instructions and keep them for future reference**

These instructions must be followed in all details. Failure to do so may result in a hazardous installation.



Standard: UL-103HT



# DuraVent®

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## RECOMMENDATIONS

### Clearance

The clearances stated in this guide are minimum requirements: if more space is available, use it. Minimum clearances mean leaving unobstructed air space. Do not fill these spaces with any material whatsoever, especially not home insulating material except specified otherwise. If you insulate your attic later, be sure to maintain the necessary clearance.

### Inspection

Contact local building or fire officials about restrictions, installation inspections and permits that may be required in your area.

### Replacement Parts

If a component of your chimney system is damaged it must be replaced by an identical one from DuraVent. (Page 18 - 19)

## APPLICATIONS

### WOOD AND COAL STOVES

The DP2 chimney has been designed for use with wood, gas, oil, and coal in residential, commercial and industrial applications, specially developed for use with controlled-combustion stoves and wood burning fireplace .

DP2 is listed to UL-103HT, 2100°F

If you are planning to install a wood stove, we recommend that you:

1. Choose the right size stove. Do not buy one larger than you need.
2. Connect only one appliance to a chimney.
3. Never overfire your stove. If any part of the stove or stove pipe is glowing red, then you are overfiring. Immediately close the stove's dampers until the system cools. The high temperature caused by overfiring can permanently damage the stove and stove pipe and may overheat nearby combustible walls and furniture.
4. Install the stove and stove pipe as described in the installation instructions accompanying the stove. Be certain to maintain the required clearances to combustible construction.

5. Keep your flue gases between 300°F and 500°F. This will maximize efficiency while minimizing condensation and creosote formation. Do not fill your stove with wood and allow it to smolder for 8 to 10 hours. This condition produces large amounts of creosote in the chimney.
6. Do not burn sea driftwood or treated wood. These combustibles are highly corrosive to all types of stainless steel.

## CREOSOTE - FORMATION AND NEED FOR REMOVAL

Wood stoves can quickly create large deposits of creosote in the chimney. Some wood stoves can create enough creosote in two weeks to cause a chimney fire.

When wood is burned slowly, it produces tar and other organic vapours, which combine with expelled moisture to form creosote. The creosote vapours condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited this creosote makes an extremely hot fire.

When using a wood stove, we recommend that you::

1. Initially, inspect the chimney system weekly. You will learn how often it will be necessary to clean your chimney.
2. The chimney should be inspected at least once every 2 months during the heating season to determine if a creosote or soot build-up has occurred: if a significant layer of creosote has accumulated (3 mm or 1/8”), it should be removed to reduce the risk of chimney fire.
3. Have your chimney cleaned by a qualified chimney sweep. If you want to clean your chimney yourself: clean your chimney using plastic or stainless steel brushes. Do not use a brush that will scratch the stainless steel interior of your chimney.
4. Do not expect chemical chimney cleaners to keep your chimney clean. Their use does not negate the necessity of periodically inspecting and cleaning your chimney.

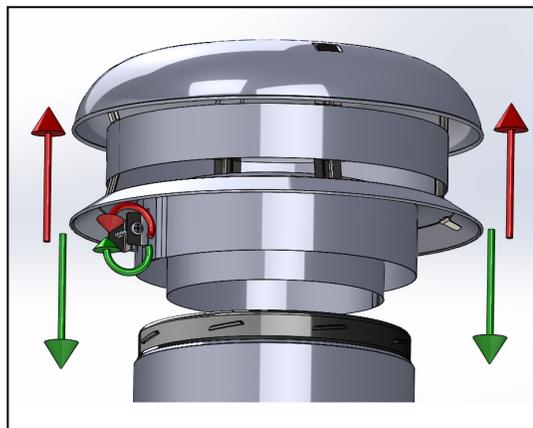
### WARNING

**In Case of Fire: If a flue fire occurs, close all appliance dampers and source of combustion air, and call your Fire Department. Do not use the chimney again, until it has been inspected for possible damage.**

NOTE: ALL DIMENSIONS ARE IN INCHES.

## CAP REMOVAL FOR MAINTENANCE

To remove cap, unscrew the collar screw to un-tighten the collar.  
Pull on the cap to remove it from the chimney.  
To put the cap back in place, slide it over the chimney and then tighten the collar using the collar screw.



## SIZING CHART

CHIMNEY-SIZE	6"	8"
OUTSIDE-DIAMETER	8"	10"
<b>FRAMING DIMENSION REQUIRED</b>		
Reduced Clear. Support (RCS)	10 1/8"	12 1/8"
Wall Thimble (WT)	12"	14 3/8"
Firestop (FS)	12"	14 3/8"
Attic Radiation Shield (IS)	12"	14 3/8"
<b>MAX. LENGTH HEIGHT SUPPORTED *</b>		
Roof Support (RS)	34'	24'
Reduced Clearance Support (RCS)	60'	45'
Wall Support (RESU)	28'	20'
Insulated Tee (TSS)	63'	50'
Clearance To Combustibles	2"	2"

**Table 1**

\* **NOTE:** If greater height is required, use additional roof supports at intervals not exceeding 30'

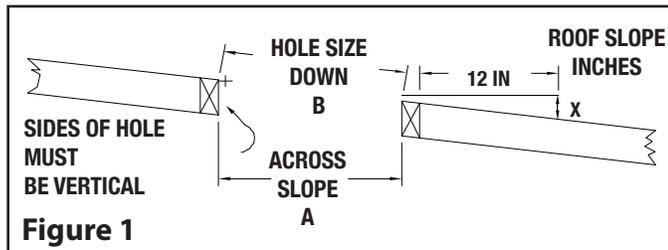
NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

# 1

## GENERAL INSTALLATION NOTES

### ROOF OPENING CHART

CHIMNEY SIZE	6"		8"	
	ROOF HOLE SIZE			
ROOF SLOPE	A	B	A	B
x/12				
0	12	12	14-3/8	14-3/8
2/12	12	12-1/8	14-3/8	14-9/16
4/12	12	12-5/8	14-3/8	15-5/32
6/12	12	13-1/2	14-3/8	16-3/32
8/12	12	14-1/2	14-3/8	17-1/4
10/12	12	15-3/4	14-3/8	18-23/32
12/12	12	17-1/8	14-3/8	20-11/32



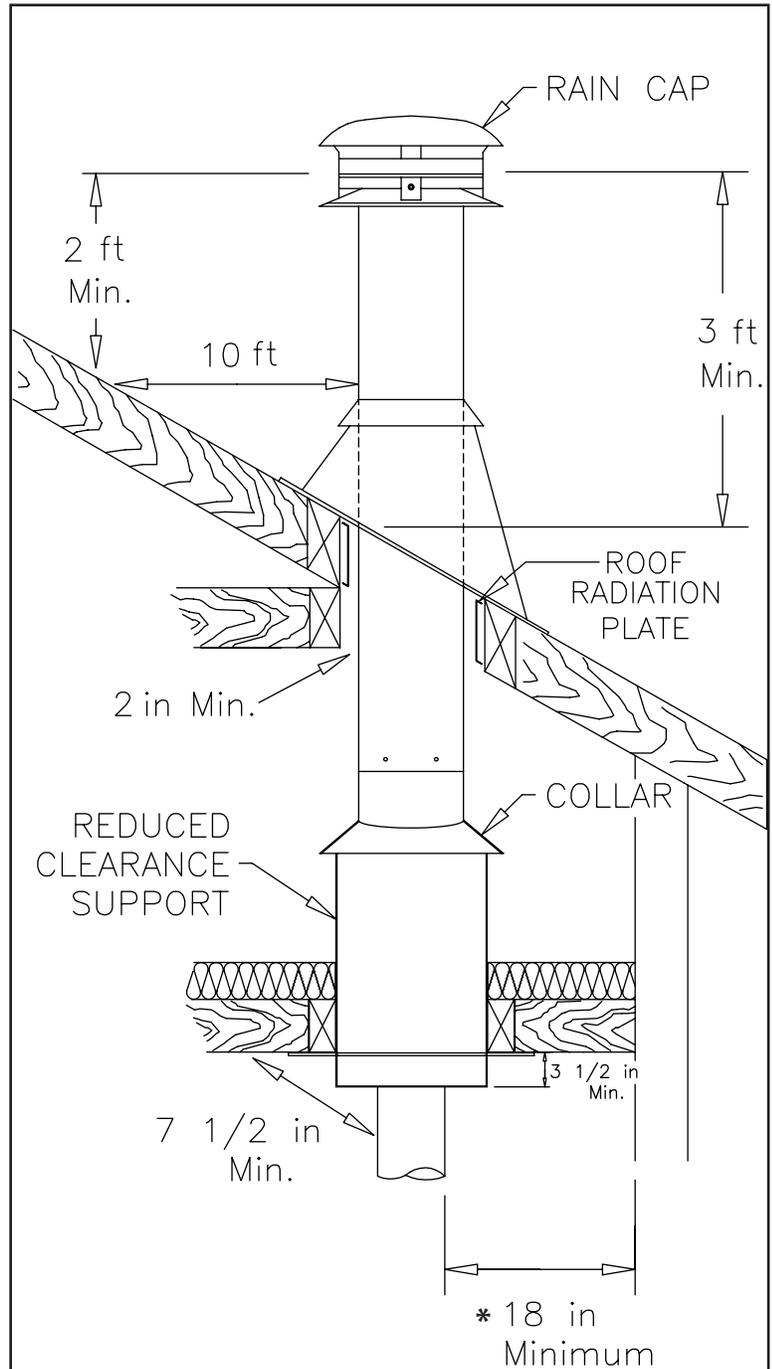
### INSTALLATION NOTES

- The chimney is intended for use with solid, liquid, and gaseous fuel burning appliances.  
Allowable flue gas temperature:  
Maximum continuous 1200° F (650°C)  
Brief forced firing 1400°F (760°C)  
Tested to 2100°F (1150°C) - 30 minutes
- The maximum height of chimney supported by the various DuraVent supports are outlined on Table 1.
- The supports described in this manual should only be used with DuraVent's model DP2 factory built chimneys.
- Size the chimney in accordance with the appliance manufacturer's instructions.
- When a firestop is required, it is important to follow the framing dimensions for floor openings as prescribed in this manual. (see Table 1)
- A chimney servicing a fireplace or an incinerator shall not serve any other appliance.
- The chimney shall extend at least 3 ft above its point of contact with the roof and at least 2ft higher than any wall, roof or adjacent building within 10 ft of it. (Figure 2)
- The clearance between single wall pipe and unprotected combustible material must not be less than 18" (see National Building Code and NFPA 211) except: The distance between the vertical stove pipe and the ceiling may be less than 18" and will be established by the finish support.
- Multi-Story: Consult local building codes for requirements in your area. In the U.S., the National Fire Protection Association Standard #211 states: "Factory-built chimneys that pass through floors of buildings requiring the protection of vertical openings shall be enclosed with approved walls having a fire resistance rating of not less than one hour when such chimneys are located in a building less than 4 stories in height, and not less than 2 hours when such chimneys are located in a building more than 4 stories in height."

# 1

## GENERAL INSTALLATION NOTES (CONT'D)

10. Do not fill the 2" space around the chimney with household insulation or any other material unless specified otherwise. Insulation placed in this area could cause adjacent combustibles to overheat.
11. Self-tapping stainless screws are not required, but may be used to reinforce the connection and avoid accidental unlocking of chimney lengths. Use only 1/2" self-tapping stainless steel screws. Do not penetrate the inner wall of the chimney.
12. When penetrating an exterior wall or ceiling/roof assembly, the vapor barrier must be repaired. This is easily accomplished by attaching the vapor barrier to the outer perimeter of any wall thimble, Firestop, or ceiling support component using approved sealant or tape, while also maintaining the minimum clearances-to-combustibles to the chimney's outer wall. When penetrating the building envelope, the gap between the outer layer of chimney and any Firestop or wall thimble can be sealed using high-temperature rated (316°C / 600°F) silicone caulking. Should you require further clarification, consult your local authority having jurisdiction.
13. The safe operation of a factory-built chimney assembly is based on the use of parts supplied by the manufacturer and the performance of the assembly may be affected if the combination of these parts is not used in actual building construction.  
  
Acceptance of the assembly is void if the installation instructions are not followed.
14. Provisions must be made to ensure that all interior portions of the chimney be accessible for inspection and cleaning.



### WARNING

The clearance between the chimney and combustible material must not be less than 2", except where established by the support. Do not fill this area with insulation unless directed otherwise in these instructions.

**\*CLEARANCE CAN BE REDUCED IF A DURAVENT (MODEL DVL) LISTED CHIMNEY CONNECTOR IS USED.**

**Figure 2**

# 2

## INTERIOR STRAIGHT INSTALLATION - SINGLE FLOOR

Step 1: Locate the chimney in a convenient place as near as possible to the appliance outlet.

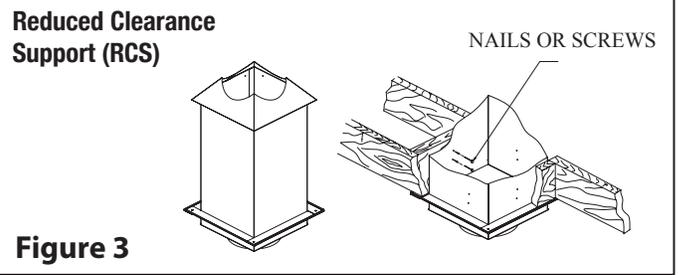
Step 2: Cut and frame the opening in the ceiling and roof where the chimney will pass. (Table 3)

**NOTE:** It is important to follow the cutting dimensions as prescribed in this manual.

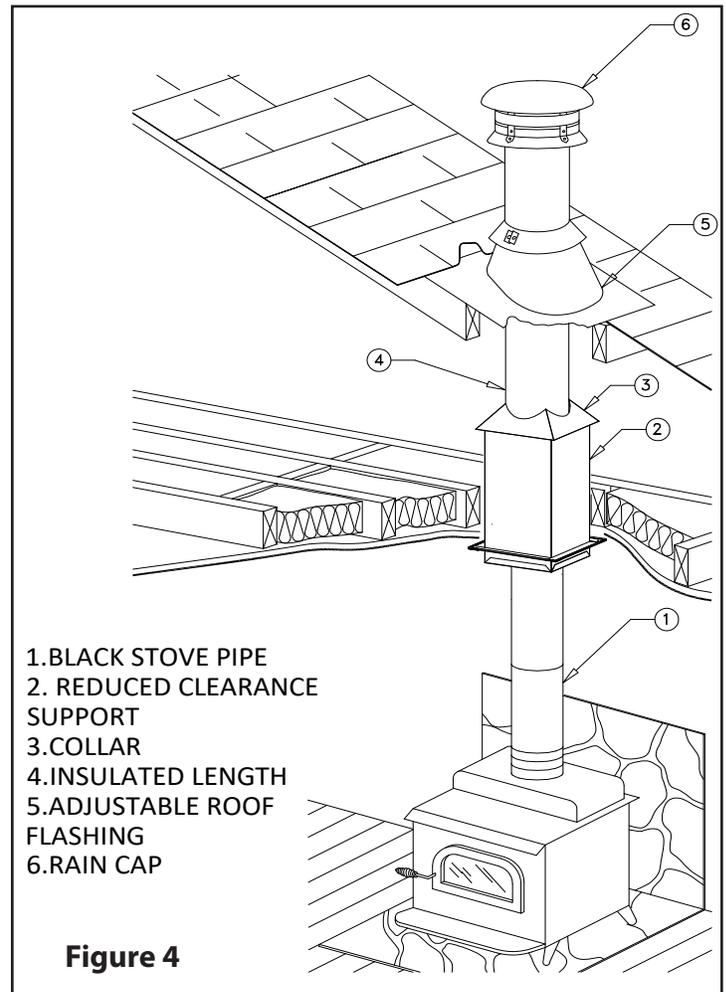
Step 3: From below, push the Reduced Clearance Support into the framed opening in the ceiling. Ensuring the support is level, attach the support to the framed opening using (12) - 3" spiral nails or #8 x 1 1/2" wood screws (see Figure 3).

**NOTE:** At least 3 1/2" of the support must extend down below the finished ceiling. This ensures minimum clearances are maintained to stovepipe. (Figure 2)

Fix the Finish Trim around the support using supplied screws.



**Figure 3**



- 1. BLACK STOVE PIPE
- 2. REDUCED CLEARANCE SUPPORT
- 3. COLLAR
- 4. INSULATED LENGTH
- 5. ADJUSTABLE ROOF FLASHING
- 6. RAIN CAP

**Figure 4**

CHIMNEY SIZE	FRAMING DIMENSION	
	Ceiling (Support)	ROOF
6"	10-1/8" x 10-1/8"	12" x 12"
8"	12-1/8" x 12-1/8"	14-3/8" x 14-3/8"

**Table 3**

## 2

## INTERIOR STRAIGHT INSTALLATION - SINGLE FLOOR (CONT'D)

Step 4: Place first chimney length into the support. Twist to lock into place. Wrap the insulation pad around the chimney section removing any excess. Slide insulation pad into the space between the chimney section and support making sure the insulation makes contact with the bottom of the support. Additional pieces of insulation can be loosely tucked down within corners. Do not compress insulation. This reduces effectiveness.

**NOTE:** Make sure arrow on pipe label is pointing upward.

Step 5: Place the Square-to-Round Collar, included with the support, around the chimney on top of the square support. Make sure it completely covers the top of the square support.

**WARNING:** Make sure no house insulation is in contact with the Chimney above the support.

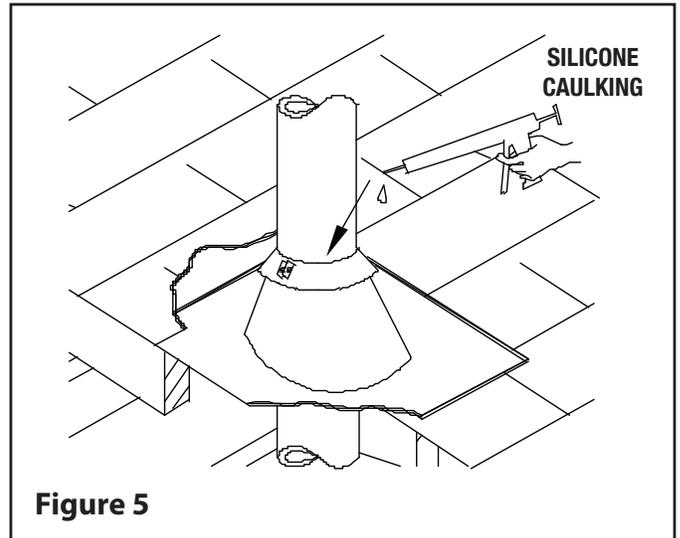
Step 6: Stack the next chimney length on the first length. Be sure that the male and female threads are not in line when putting the lengths together. Turn the chimney clockwise to lock it in place. Continue until the required chimney height is reached.

Step 7: Install the Roof Radiation Shield in the roof joists. This shield consists of (4) metal plates supplied with the Roof Flashing. Nail one plate to each side of the joists using (2) - 2 1/2" nails. (Figure 2)

### Step 8: ROOF FLASHING INSTALLATION

Put the roof flashing in place. Seal the joint between the roof and the flashing with roofing compound.

For sloping roofs, place the flashing under the upper shingles and on top of the lower shingles. Nail the flashing to the roof using nails. Place the storm collar around the chimney and slide down on top of the flashing.



Step 9: Tighten the collar using the supplied bolt. Make sure the joint is properly caulked (see Figure 5).

Step 10: Attach the rain cap to the top of the chimney (See page 3).

# 3

## INTERIOR STRAIGHT INSTALLATION - MULTIPLE FLOOR

**NOTE:** The Reducer Clearance Support (RCS) comes with a collar. It can be discarded for this application as it is not required .

Step 1. Locate the chimney in a convenient place as near as possible to the appliance outlet.

Step 2. Cut and frame the openings in the floor, ceiling and roof where the chimney will pass.

**NOTE:** It is important to follow the framing dimensions for the floor openings prescribed in this manual.

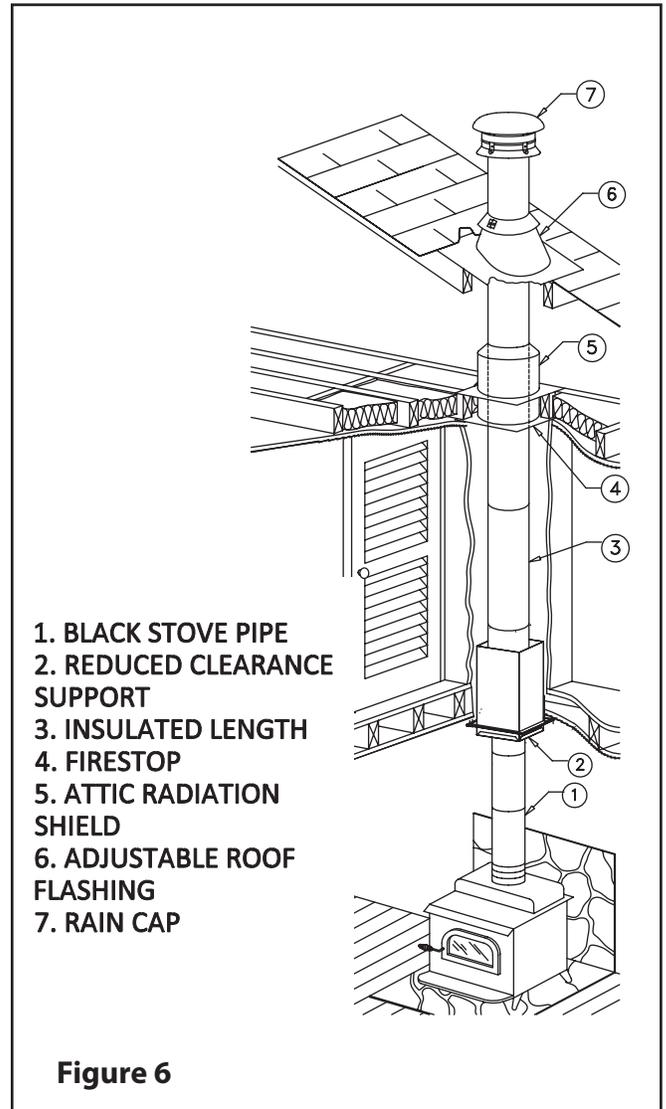
FRAMING DIMENSIONS		
CHIMNEY SIZE	SUPPORT (RCS)	RADIATION SHIELD & ROOF *
6"	10-1/8" x 10-1/8"	12" x 12"
8"	14-3/8" x 14-3/8"	14-3/8" x 14-3/8"

**Table 4**  
\* For sloping roofs see size Table 2 on page 4

Step 3. From below push the support into the framed opening. Nail or screw the support to the framed box using (12) 3" spiral nails or #8 x 1 1/2" wood screws (Figure 3).

**NOTE:** At least 3 1/2" of the support must extend down below the finished ceiling. (See table 6)

Fix the finished trim around the support using supplied screws.



**Figure 6**

# 3

## INTERIOR STRAIGHT INSTALLATION - MULTIPLE FLOOR (CONT'D)

Step 4. Put first chimney length in the support. Turn it clockwise to lock it in place (see Figure 6).

**NOTE:** Arrow on pipe label must be pointing up.

Step 5. From below, install a Firestop (FS) in each floor through which the chimney passes.

Step 6. Stack the next chimney length on the first length. Be sure that the male and female threads are not in line when putting the lengths together. Turn the chimney clockwise to lock it in place. You may add a 1/2" stainless steel self tapping screw to prevent accidental unlocking. Continue until the required chimney height is reached.

Step 7. At the attic level, install a Firestop (FS), from below and an Attic Radiation Shield (IS) and Storm Collar from above (see Figure 7).

Install the Roof Radiation Shield in the roof joists. This shield consists of four metal plates supplied with the roof flashing. Nail one plate to each side of the joist using (2) - 2 1/2" nails. (See Figure 2)

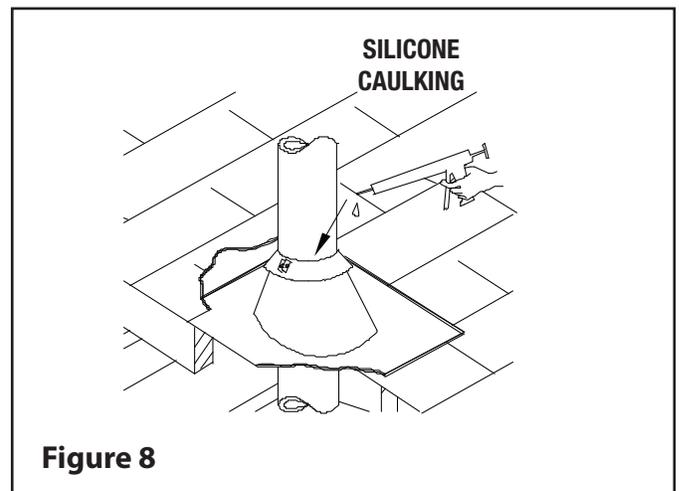
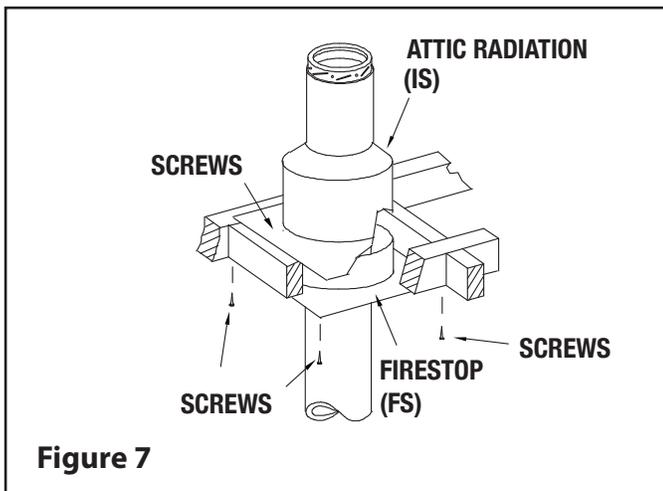
Step 8. **ROOF FLASHING INSTALLATION**

Put the roof flashing in place. Seal the joint between the roof and the flashing with roofing compound.

For sloping roofs, place the flashing under the upper shingles and on top of the lower shingles. Nail the flashing to the roof using roofing nails.

Place the storm collar over the chimney and the flashing. Tighten it with the bolt supplied making sure the joint is properly caulked (see Figure 8).

Step 9. Attach the rain cap to the top of the chimney. (Page 3)



**NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.**

# 4

## INTERIOR INSTALLATION CATHEDRAL CEILING

**NOTE:** The Reduced Clearance Support (RCS) comes with a collar. It can be discarded for a Cathedral Ceiling application, it is not required.

Step 1: Locate the chimney in a convenient location as near as possible to the appliance outlet. Cut and frame an opening in the roof for the support (see Table 5). The sides of this hole must be vertical (see Figure 10).

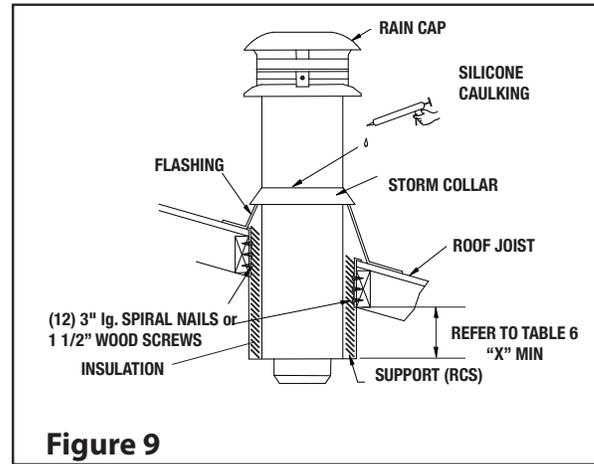
Step 2: Place the support in the opening.

**NOTE:** The bottom portion of the support must extend below the ceiling. Distance will vary according to pitch (see Table 6).

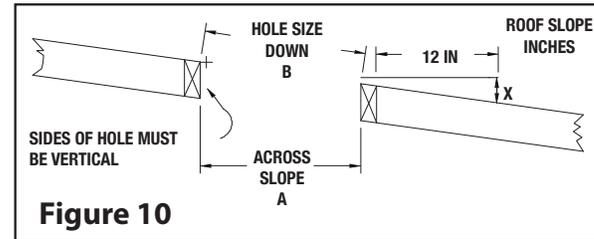
Step 3: Use a level to ensure the support is vertical. If the support extends above the roof, cut it flush with the top of the roof. Attach the support to the framed opening using (12)-3" spiral nails or #8 x 1 1/2" wood screws (see Figure 9).

Step 4: Place first chimney length into the support. Twist to lock into place. Wrap the insulation pad around the chimney section removing any excess. Slide insulation pad into the space between the chimney section and support making sure the insulation makes contact with the bottom of the support. Additional pieces of insulation can be loosely tucked down within corners. Do not compress insulation. This reduces effectiveness. Additional insulation can be used. It must be listed/compliant with ASTM E136/ULC S114 as non-combustible, have a melting temperature above 2000°F/1100°C, and be water resistant with low moisture absorption. Materials such as rockwool or mineral wool qualify.

**TO CONTINUE INSTALLATION  
REFER TO STEP 8 ON PAGE 7.**



**Figure 9**



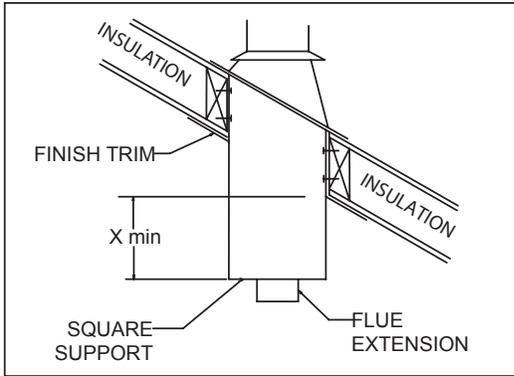
**Figure 10**

Chimney Size	6"		8"	
	Hole Size (Reduce Clearance Support)			
Roof Slope	A	B	A	B
x/12				
0	10-1/8	10-1/8	12-1/8	12-1/8
2/12	10-1/8	10-1/4	12-1/8	12-1/4
4/12	10-1/8	10-5/8	12-1/8	12-3/4
6/12	10-1/8	11-1/4	12-1/8	13-1/2
8/12	10-1/8	12-1/8	12-1/8	14-1/2
10/12	10-1/8	13-1/4	12-1/8	15-7/8
12/12	10-1/8	14-1/4	12-1/8	17-1/8

**NOTE: ALL DIMENSIONS ARE IN INCHES. Table5**

# 4

## INTERIOR INSTALLATION CATHEDRAL CEILING (CONT'D)



Slope	X min
0/12 - 2/12	3 ½"
2/12 - 7/12	5 ½"
7/12 - 12/12	6 ¾"
12/12 - 24/12	7 ½"
24/12	12 ½"

**Table 6**

# 5

## OFFSET DEVIATION

### OFFSET CHIMNEY

It may be necessary to offset the chimney to clear an obstruction such as a joist or truss, or to position the chimney close to the ridge cap. A maximum of two offsets (4 elbows in all) is allowed in a chimney. The chimney must not be inclined more than 30° from vertical.

The minimum chimney height when using 15° offsets is 10’.

The minimum chimney height when using 30° offsets is 15’.



### WARNING

**A support must always be installed right above each offset (two elbows) to support the chimney above the offset.**

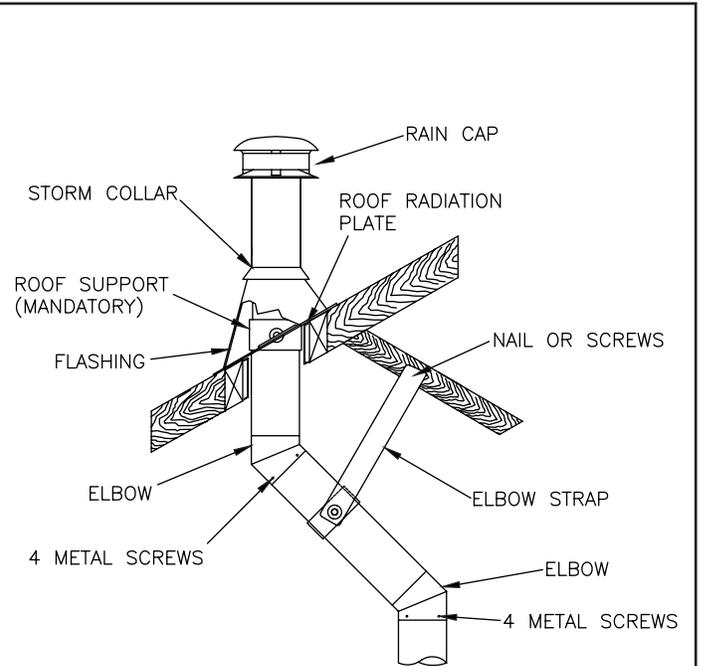
### INSTALLATION INSTRUCTIONS

Install the required support and the chimney as described in the previous pages of installation instructions. When you reach the height at which the elbow will be installed, proceed as follows:

Step 1. Install the insulated offset elbow on the vertical chimney length. Turn it in the required direction and fasten it to the chimney with the (4)-1/2” metal screws provided.

Step 2. Place the required offset chimney length (see Table 7 below) on the elbow. Turn it clockwise to lock it in place.

Step 3. Use another elbow to turn the chimney vertically. Again secure the elbow to the chimney length using the (4)-1/2” metal screws.



**Figure 11**

Step 4. Position the Elbow Strap collar on offset length and secure strap on nearby roof joist.

Step 5. Install the remaining chimney as described in the instructions for the Roof Support (See page 15).

### INSTALLATION CALCULATIONS

Determine the offset required in view of the obstacles that must be avoided (see Figure 11). Refer to Table 7 to determine the elbows required as well as the insulated length needed.

# 5

## OFFSET DEVIATION (CONT'D)

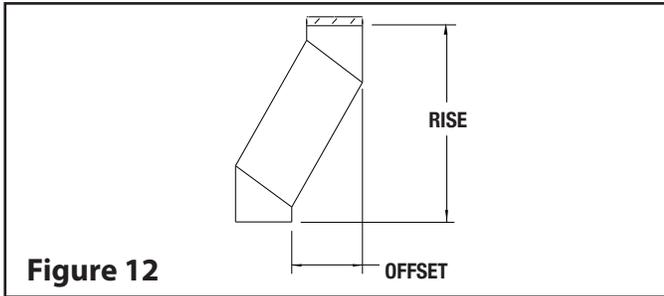


Figure 12

### OFFSET & RISE CHART MODEL DP2

ANGLE	DIA.	INCHES	ONE LENGTH BETWEEN ELBOWS						TWO LENGTHS BETWEEN ELBOWS					
			8	12	18	24	36	48	8 & 48	12 & 48	18 & 48	24 & 48	36 & 48	48 & 48
15°	6" & 8"	Offset	3-5/16	4-5/16	5-7/8	7-7/16	10-1/2	13-5/8	15-3/8	16-7/16	18	19-1/2	22-5/8	25-3/4
		Rise	15-11/16	19-9/16	25-3/8	31-3/16	42-3/4	54-3/8	60-15/16	64-13/16	70-9/16	76-3/8	87	99-9/16
30°	6" & 8"	Offset	7-7/16	9-7/16	12-7/16	15-7/16	21-7/16	27-7/16	30-13/16	32-13/16	35-13/16	38-13/16	44-13/16	50-13/16
		Rise	20	23-1/2	28-11/16	33-7/8	44-1/4	54-11/16	60-9/16	64	69-1/4	74-7/16	84-13/16	95-1/4

Note: All dimensions are in inches.

Table 7

# 6

## EXTERIOR INSTALLATION

### ROOF SUPPORT (RS)

The Roof Support has three possible uses:

It may be used to support a chimney from the roof. It adjusts to any roof pitch.

It may be used on a floor, ceiling or roof above an offset to support the chimney above the offset.

It may be used on a floor, ceiling or roof as a supplementary support when the chimney height exceeds that of the primary support. (See maximum length height supported, page 3).

### INSTALLATION INSTRUCTIONS

With the chimney extending through the opening in the roof, ceiling or floor proceed as follows (Refer to Figure 14 for visual references):

Step 1. Install the roof radiation shields in the roof joists. These shields consist of four metal plates. Nail one plate to each side of the joist using (2) 2-1/2" nails.

Step 2. Slip the assembled Roof Support down over the stainless steel chimney until its brackets rest on the roof or floor. Tighten the collar around the chimney, (see Figure 13).

Step 3. Center the chimney and nail or screw the support to the roof or floor using (8) - 2-1/2" nails or (8) N<sup>o</sup>. 8 - 1-1/4" wood screws. (Figure 13).

Step 4. Install the remaining chimney lengths, until the required chimney height is reached.

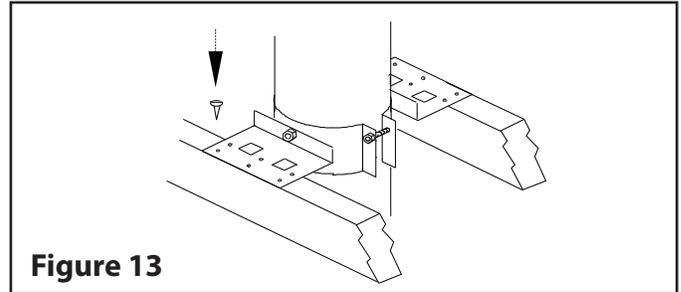


Figure 13

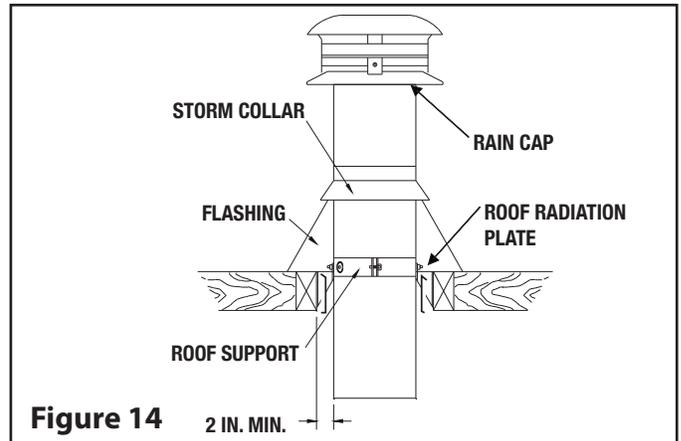


Figure 14

### Step 5. ROOF FLASHING INSTALLATION

Put the roof flashing in place. Seal the joint between the roof and the flashing with roofing compound.

For sloping roofs, place the flashing under the upper shingles and on top of the lower shingles. Nail the flashing to the roof using nails. Place the storm collar around the chimney and slide down on top of the flashing. Tighten it with the bolt supplied making sure the joint is properly caulked (see Figure 8).

Step 6. Refer to page 3 for Cap installation.

# 6

## EXTERIOR INSTALLATION

### INSTALLATION NOTES

This chimney will provide optimum performance when installed within the heated space of a building. The consequences of installing the chimney outdoors, up the exterior wall of a building could result in:

- Back-drafting during cold weather when the connected appliance is not operating.
- Weak, unstable draft.
- Increased creosote accumulation.
- Increased potential for condensation of water vapor in the chimney flue.
- Decreased efficiency of the connected appliance.

If you do install an exterior chimney, we recommend that you enclose it using an insulated enclosure.

1. Maintain 2" clearance to combustible materials. Do not fill the 2" space around the chimney with insulation or any other material.
2. A Wall Band (WS) must be used to secure the chimney to the wall. Maximum distance between wall bands is 8 feet.
3. The minimum length of chimney extending past the inside wall is 5".
4. The maximum length of chimney extending past the inside wall is 24".
5. The distance between the stove pipe and a parallel combustible wall or ceiling must not be less than 18". The distance between the horizontal stove pipe and the unshielded vertical wall through which it passes must not be less than 7". (see Figure 19).
6. If an exterior installation is to be enclosed, allow for access to base of tee to facilitate required cleaning.
7. The minimum distance between the bottom of the Tee and any horizontal combustible (including the ground) is 2".

### Wall Support

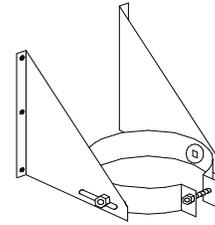


Figure 15

### INSTALLATION INSTRUCTIONS

Step 1. Determine where the chimney will pass through the wall.

- For concrete walls cut a hole slightly larger than the chimney.
- For combustible walls cut and frame a hole 4" larger than the chimney, midway between the wall studs (see Table 8 below for sizing).

Normally wall studs are placed at 16" centers. With the hole midway between them, the support will fasten to these studs and thus ensure a strong attachment to the wall.

CHIMNEY SIZE	FRAMING SIZE	
	COMBUSTIBLE	CONCRETE
6"	12" x 12"	8-1/2"
8"	14-3/8" x 14-3/8"	10-3/4"

Table 8

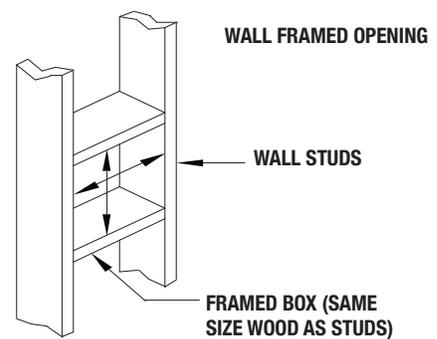


Figure 16

# 6

## EXTERIOR INSTALLATION (CONT'D)

Step 2. Wood walls: Place the exterior half of the Wall Thimble in the opening from the outside. Fasten in place using (4) 2" nails or 1" screws. This Wall Thimble is adjustable from 7" to 12". (see Figure 17). Make sure the insulation pad is cut to the desired length according to the wall thickness. Place the interior half of the Wall Thimble inside the exterior half of the Wall Thimble.

Using a level make sure that the hole for the chimney to pass through is horizontal. Screw the inner thimble in place with the provided screws. (see Figure 18).

**NOTE:** The cavity surrounding the radiation shield must be filled with any insulation (see Figure 18).

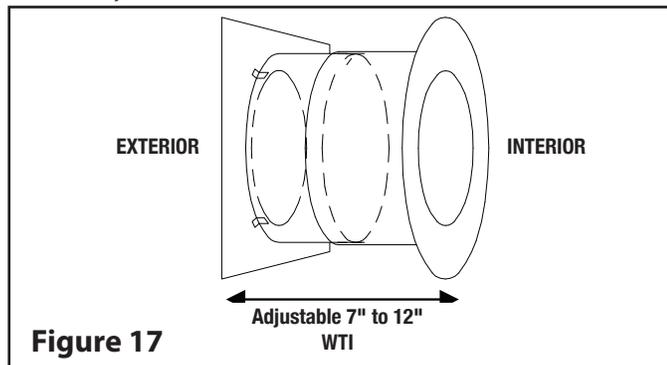


Figure 17

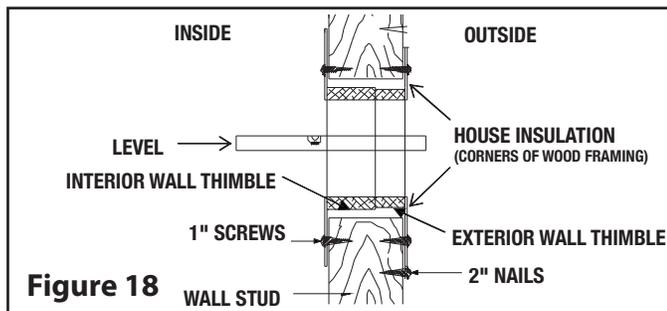


Figure 18

Step 3. The minimum length of insulated chimney required to pass through the wall will be wall thickness plus 7". The insulated chimney must extend at least 5" into the room beyond the finished wall. Insert this chimney length in the side branch of the insulated tee. Turn it clockwise to lock it in place. Seal this joint by wrapping it with the aluminum tape supplied with the tee.

Step 4: Fasten a chimney length to the top of the Tee.

Step 5: The Wall Support should be installed on the first vertical chimney section above the Tee. Tighten the support collar locking the bolt just enough to hold the Wall Support in place.

Step 6. This step will require 2 people: (see Figure 19).

Insert the chimney length of this tee-support assembly into the hole in the wall. Using a level, ensure the tee is vertical, then attach the support to the wall using (8) N°. 10 x 1 - 1/4" wood screws or 4" spiral nails. Tighten the collar nut and bolt.

**NOTE:** To provide sufficient strength, the nails must be driven into the wall studs. For concrete walls, the support should be attached using (8) 1/4" x 2" lag bolts.

Step 7: Attach the clean-out cap to the Tee.

Step 8. Attach the flue extension to the horizontal chimney length.

Step 9. Stack a chimney length on top of the length. Turn it clockwise to lock it in place. Continue until the required chimney height is reached.

**NOTE:** At 8' intervals, attach the chimney to the wall using a Wall Band (WS).

# 6

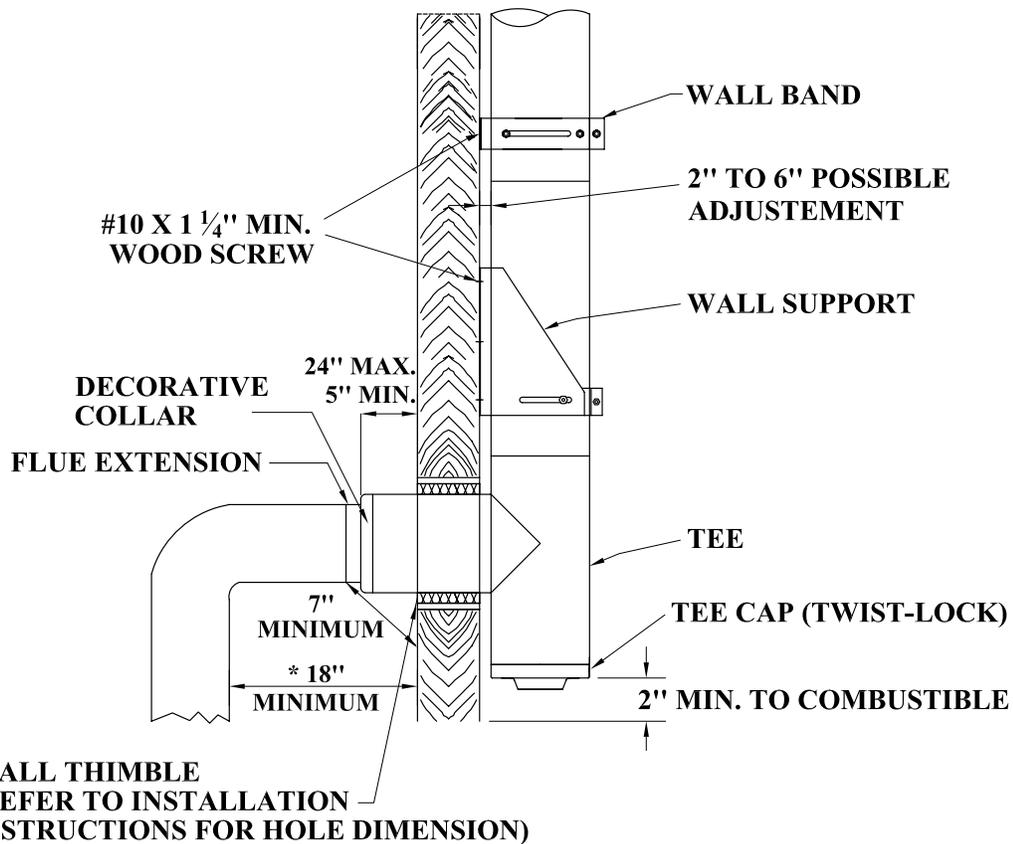
## EXTERIOR INSTALLATION (CONT'D)

Step 10: If the chimney passes through the roof, cut a hole large enough to provide 2" clearance between the chimney and the roof.

Step 11: Put the Roof Flashing in place. Seal the joint between the roof and the flashing with roofing compound.

For sloping roofs, place the flashing under the upper shingles and on top of the lower singles. Nail the flashing to the roof using roofing nails. Place the storm collar around the chimney and slide down on top of the flashing. Tighten it with the bolt supplied and make sure the joint is properly caulked.

Step 12: Attach the Rain Cap to the top of the chimney. (see Figure 3).



\* DISTANCE CAN BE REDUCED IF A LISTED CHIMNEY CONNECTOR IS USED

Figure 19

# 9

## REPLACEMENT PARTS



LENGTHS & FITTINGS	
ØDP2-12SS	LENGTH Ø" X 12"
ØDP2-18SS	LENGTH Ø" X 18"
ØDP2-24SS	LENGTH Ø" X 24"
ØDP2-36SS	LENGTH Ø" X 36"
ØDP2-48SS	LENGTH Ø" X 48"
ØDP2-TSS	TEE WITH TEE CAP
ØDP2-E15SS	INSULATED ELBOW KIT 15 DEGREE
ØDP2-E30SS	INSULATED ELBOW KIT 30 DEGREE
SUPPORTS	
ØDP2-RCS	REDUCE CLEAR. SUPPORT INS. 24"
ØDP2-TSB	WALL SUPPORT
ØDP2-RS	ROOF SUPPORT
BRACES & FIRESTOPS	
ØDP2-FS	FIRESTOP
ØDP2-IS	ADJUSTABLE INSULATED ATTIC RADIATION SHIELD
ØDP2-WT	INSULATED WALL THIMBLE
ØDP2-ADT	FLUE EXTENSION
ØDP2-WS	WALL BAND

# 9

## REPLACEMENT PARTS



VENTED FLASHING (STORM COLLAR INCLUDED)	
ØDP2-F6	ADJUSTABLE ROOF FLASHING 0/12 -6/12
ØDP2-F12	ADJUSTABLE ROOF FLASHING 6/12 -12/12
OTHERS	
ØDP2-VC	RAIN CAP
ØDP2-SA	UNIVERSAL SPARK ARRESTER BAND
ØDP2-DC	DECORATIVE COLLAR, SINGLE-WALL STOVE PIPE
ØDP2-DVL	DECORATIVE COLLAR, DOUBLE-WALL STOVE PIPE
INSTALLATION KITS	
ØDP2-KOUT	WALL SUPPORT KIT
ØDP2-KTUP	INTERIOR KIT

**To order a replacement part, please reach out to your nearest dealer, distributor, or to [customerservice@duravent.com](mailto:customerservice@duravent.com)**



## DuraVent Limited Lifetime Warranty

DuraVent, Inc. provides this limited lifetime warranty for all of its products with the exception of Ventinox® (lifetime), and PolyPro® (ten years). Subject to the limitations set forth below, DuraVent warrants that its products will be free from defects in material or manufacturing, if properly installed, maintained and used. DuraVent products are fully warranted if installed only by a professional installer. This Warranty is transferable from the original homeowner to the buyer of the home. This warranty does not cover normal wear and tear, smoke damage or damage caused by chimney fires, acts of God, or any product that was: (1) purchased other than from an authorized DuraVent dealer, retailer or distributor; (2) modified or altered; (3) improperly serviced, inspected or cleaned; or (4) subject to negligence or any use not in accordance with the installation instructions included with the products as determined by DuraVent. Installation instructions are available online at [www.duravent.com](http://www.duravent.com) under Support/Literature and through our Customer Service Department 800-835-4429 or [customerservice@duravent.com](mailto:customerservice@duravent.com). This limited lifetime warranty applies only to parts manufactured by DuraVent.

DuraVent provides the following warranties for its products: One Hundred Percent (100%) MSRP 15 years from the date of purchase, and Fifty Percent (50%) thereafter, except for the following limitations on: all Termination Caps and DuraBlack® are warranted at One Hundred Percent (100%) for five years.

All warranty obligations of DuraVent shall be limited to repair or replacement of the defective product pursuant to the terms and conditions applicable to each product line. These remedies shall constitute DuraVent's sole obligation and sole remedy under this warranty. This warranty provides no cash surrender value. The terms and conditions of this warranty may not be modified, altered or waived by any action, inaction or representation, whether oral or in writing, except upon the express, written authority of an executive officer of DuraVent.

Corn, bio-fuels, driftwood or other wood containing salt, preservative-treated lumber, plastic and household trash or garbage, or wood pellets containing such materials must not be burned in the appliance or fireplace. In case of a chimney fire, the chimney must be inspected and approved by a certified Chimney Sweep before reuse. After each annual inspection, maintenance, and cleaning, the certified Chimney Sweep must fill out and date the appropriate section of the warranty card provided with the chimney liner.

LIMITATIONS ON INTERNET SALES: Notwithstanding any other terms or conditions of this Limited Lifetime Warranty, DuraVent provides no warranty for the following specific products if such products are not installed by a qualified professional installer: DuraTech®, DuraTech® HTC, DuraTech® Premium, DuraChimney® II, PelletVent Pro®, DirectVent Pro®, FasNSeal®, FasNSeal® W2, FasNSeal® Flex,

and PolyPro®, and DuraVent's relining products including DuraLiner®, DuraFlex® (SW, Pro, 316, 304), and Ventinox®. For purposes of this warranty, a trained professional installer is defined as one of the following: licensed contractors with prior chimney installation experience, CSIA Certified Chimney Sweeps, NFI Certified Specialists, or WETT Certified Professionals.

DuraVent must be notified and given the opportunity to inspect defective product prior to replacement under the terms of this limited lifetime warranty. All warranty claims must be submitted with proof of purchase. Labor and installation costs are not covered under this warranty. To obtain warranty service contact: DuraVent Warranty Service, 877 Cotting Ct., Vacaville CA 95688, or call 800-835-4429.

WHERE LAWFUL, DURAVENT DISCLAIMS ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL DURAVENT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES OR DIRECT OR INDIRECT LOSS OF ANY KIND, INCLUDING BUT NOT LIMITED TO PROPERTY DAMAGE AND PERSONAL INJURY. DURAVENT'S ENTIRE LIABILITY IS LIMITED TO THE PURCHASE PRICE OF THIS PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

For the most up-to-date installation instructions, see [www.duravent.com](http://www.duravent.com)

REV 11.28.17

Manufactured in Vacaville CA



## WARRANTY

This product has a limited lifetime warranty. Please read the warranty to be familiar with its coverage.

Retain this manual. File it with your other documents for future reference.

## PRODUCT REFERENCE INFORMATION

Please contact DuraVent for the phone number of your nearest DuraVent dealer who will answer your questions or address your concerns.

Normally, all parts should be ordered through your DuraVent distributor or dealer. Parts will be shipped at prevailing prices at time of order.

When ordering repair parts, always give the following information:

1. The model number of the vent system.
2. The part number.
3. The description of the part.
4. The quantity required.
5. The installation date of the chimney system.

If you encounter any problems or have any questions concerning the installation or application of this system, please contact your dealer.

**DuraVent**  
877 Cotting Court, Vacaville, CA 95688  
800-835-4429; [www.DuraVent.com](http://www.DuraVent.com)

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DuraVent reserves the right to make changes at any time, without notice, in design, materials, specifications, prices.  
Consult your local distributor for chimney system code information.