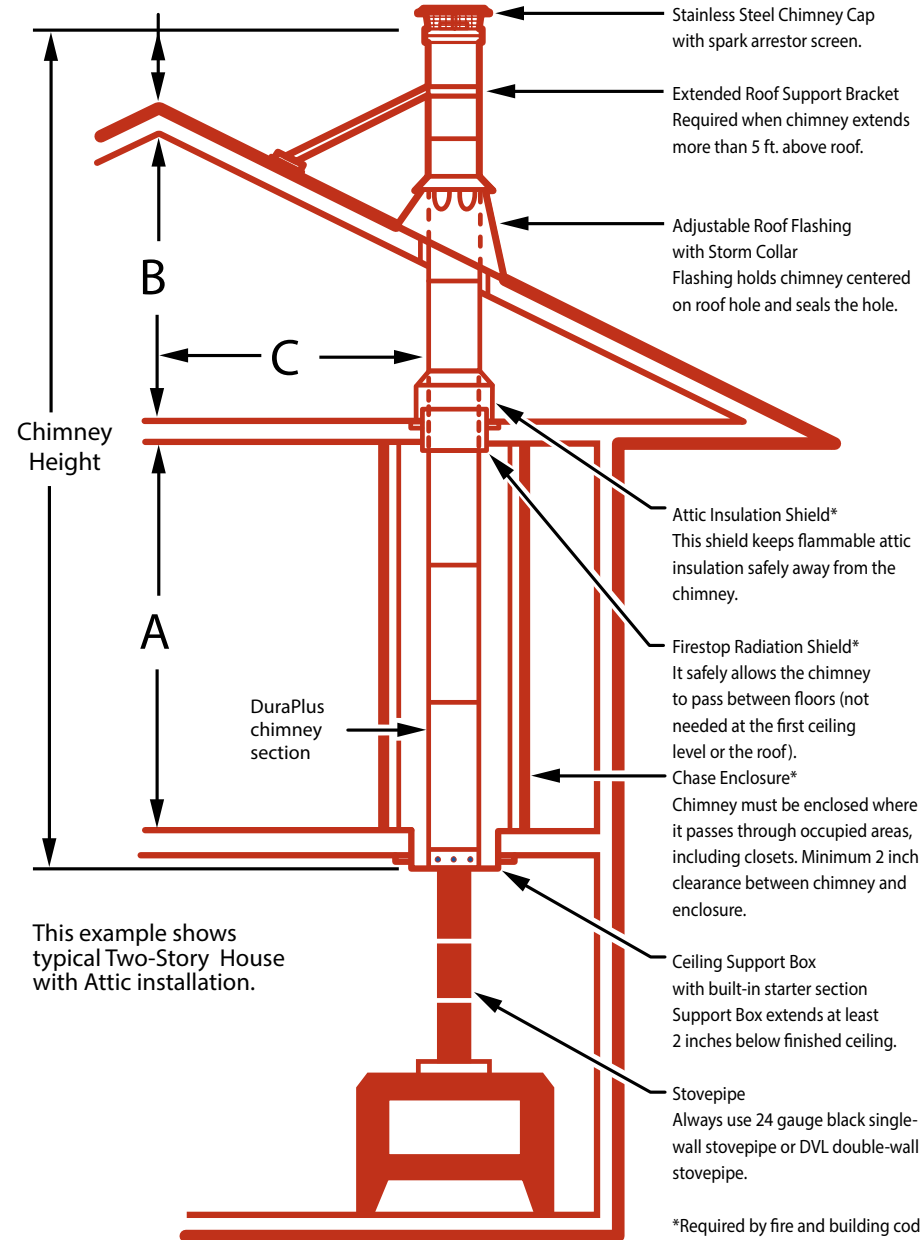


How Many Lengths Will You Need?

Penetration through the roof needs to be 3-ft minimum. In addition, pipe must also be at least 2-ft higher than any portion of the building within 10-ft of it.



Stainless Steel Chimney Cap with spark arrestor screen.
 Extended Roof Support Bracket Required when chimney extends more than 5 ft. above roof.
 Adjustable Roof Flashing with Storm Collar Flashing holds chimney centered on roof hole and seals the hole.
 Attic Insulation Shield* This shield keeps flammable attic insulation safely away from the chimney.
 Firestop Radiation Shield* It safely allows the chimney to pass between floors (not needed at the first ceiling level or the roof).
 Chase Enclosure* Chimney must be enclosed where it passes through occupied areas, including closets. Minimum 2 inch clearance between chimney and enclosure.
 Ceiling Support Box with built-in starter section Support Box extends at least 2 inches below finished ceiling.
 Stovepipe Always use 24 gauge black single-wall stovepipe or DVL double-wall stovepipe.

*Required by fire and building codes. Does not need to be a fire safe construction.

- Assume A = 8 ft., B = 5 ft. and C = 4 ft. Chimney must extend above the roofline at least 3 ft. and at least 2 ft. higher than the roof peak if within 10 ft.
- To get chimney height: A+B+C = 15 ft., plus 4 in. (attic floor thickness), plus 4 in. (ceiling thickness), plus 2 in. (chimney support box extends 2 in. below ceiling). Total: 16 ft.-3 in. or 195 in.
- 195 in. minus 3 in. = 192 in. of chimney sections needed. (3 in. is length of starter section).
- Now divide 192 in. by 34.50 in. (installed length of a 36 in. chimney section) Result: 5.6 - 36 in. chimney sections needed.
- You can't buy 6/10 of a chimney section. But 6/10 of 34.5 in. is 20.75 in., so you need a 24 in. chimney section (installed length 22.50 in.)
- Result: You need five 36 in. and one 24 in. chimney sections.

This example shows typical Two-Story House with Attic installation.

Chimney Safety

A triple-wall all-fuel chimney for appliances fueled by wood, oil, coal, or gas.

Designed to stay cool on the outside, to provide a hot draft on the inside, to boost stove efficiency, and to provide for a fire-safe design that protects both the chimney and the building. This triple-wall chimney features two insulating layers (refractory blanket, plus air space). The refractory blanket insulation is held securely in position, eliminating hot spots common with loose-fill blanket insulations. In the event of a creosote fire, the compressible blanket insulation permits the chimney liner to expand outwards in a radial direction.

DuraVent's DuraPlus for wood-burning stoves is built with a stainless or galvanized steel outer wall with an aluminized steel intermediate liner and stainless steel inner liner. It is also composed of a refractory blanket plus a ventilated air space. DuraVent's unique twist-lock design requires no tools and is easy to install, providing an exceptionally firm and tight connection. All kits include most items you will need for a typical installation.



DuraPlus Kits



6DP-KBSC

DuraPlus Basic Kit
 DVL / DuraBlack Chimney Adapter, Chimney Cap with Spark Arrestor, Storm Collar, Adjustable Flashing, Attic Insulation Shield, 11" Ceiling Support Box, Snap-Lock Adapter.

Additional pipe not included.



6DP-KMFG

DuraPlus Manufactured Home Kit
 Chimney Cap with Spark Arrestor, Storm Collar, Adjustable Flashing, Two 24" Chimney Pipe Lengths, 24" Square Ceiling Support Box, DVL / DuraBlack Chimney Adapter.

Additional pipe not included.



6DP-KTTW

DuraPlus Through-The-Wall Kit
 DVL / DuraBlack Chimney Adapter, Chimney Cap with Spark Arrestor, Two Wall Straps, Tee with Cap, Tee Support Bracket, Wall Thimble, 9" Chimney Pipe, Snap-Lock Adapter.

Additional pipe not included.



6DP-KSP

DuraBlack Stovepipe Kit
 Two 24" Single-Wall Black Pipe Lengths, 14" Slip Connector with trim.

Additional pipe not included.



6DP-KVP

DVL Close Clearance Connector Kit
 DVL Adapter, Two 24" Double-Wall Black Pipe Lengths, 12" Adjustable Pipe Length (7" of adjustment.) To be used when pipe clearances are less than 18".

Additional pipe not included.

Contact

Professional Technical Help
 DuraVent prides itself on providing the best customer service and technical support in the industry.

Our Customer Support Team is available to answer technical questions.

Monday – Friday
 5:30am – 4pm PST | 8:30am – 7pm EST

Tel: 800-835-4429
 Fax: 707-446-4740
 customerservice@duravent.com

800.835.4429 | 707.446.4740 Fax | www.duravent.com
 L123_810007539_Brochure_DuraPlus Install Guide_06-20-17_V2

| ITEM | 6"Ø | PRICE | QTY | TOTAL |
|------------------------------------------------------|-------------------|-----------|-----|----------|
| DuraPlus Basic Kit | 6DP-KBSC | | | |
| Manufactured Home Kit | 6DP-KMFG | | | |
| Through-The-Wall Kit | 6DP-KTTW | | | |
| DuraBlack Stovepipe Kit | 6DBK-KSP | | | |
| DVL Close Clearance Connect Kit | 6DVL-KVP | | | |
| Chimney Pipe | | | | |
| galvanized 6"length | 6DP-06 | | | |
| galvanized 9"length | 6DP-09 | | | |
| galvanized 12"length | 6DP-12 | | | |
| stainless steel 12"length | 6DP-12SS | | | |
| galvanized 24"length | 6DP-24 | | | |
| stainless steel 24"length | 6DP-24SS | | | |
| galvanized 36"length | 6DP-36 | | | |
| stainless steel 36"length | 6DP-36SS | | | |
| Elbows kits | 15° | 6DP-E15K | | |
| " (2 elbows and wall strap) | 30° | 6DP-E30K | | |
| Chimney Cap | | 6DP-VC | | |
| Flat Ceiling Support Box | | 6DP-FCS | | |
| Round Ceiling Support Box | | 6DP-RCS | | |
| Square Ceiling Support Box | 11" | 6DP-CS11 | | |
| | 24" | 6DP-CS24 | | |
| | 36" | 6DP-CS36 | | |
| Wall Thimble | | | | |
| galvanized | | 6DP-WT | | |
| stainless steel | | 6DP-WTSS | | |
| Tee with Cap | | 6DP-T | | |
| Tee Support Bracket | | | | |
| galvanized | | 6DP-TSB | | |
| stainless steel | | 6DP-TSBSS | | |
| Roof Flashings | flat | 6DP-FF | | |
| | 0/12-6/12 pitch | 6DP-F6 | | |
| | 7/12-12/12 pitch | 6DP-F12 | | |
| | 13/12-18/18 pitch | 6DP-F18 | | |
| | 19/12-24/12 pitch | 6DP-F24 | | |
| Firestop Radiation Shield | | 6DP-FRS | | |
| Extended Roof Bracket | | 6DP-XRB | | |
| Storm Collar | | 6DP-SC | | |
| Snow Splitter | | 6DP-SP | | |
| Attic Insulation Shield | | 6DP-IS | | |
| Wall Strap | | 6DP-WS | | |
| Elbow Strap | | 6DP-ES | | |
| DVL Telescoping Length | 29" - 46" | 6DVL-46TA | | |
| DuraBlack Telescoping Length | | 6DBK-TL | | |
| DuraBlack Stovepipe | 12" | 6DBK-12 | | |
| | 24" | 6DBK-24 | | |
| | 48" | 6DBK-48 | | |
| DuraBlack Slip Connector with Trim | | 6DBK-SC | | |
| DuraBlack 90° Elbow | | 6DBK-E90 | | |
| DuraBlack 45° Elbow | | 6DBK-E45 | | |
| DuraBlack Damper Section | | 6DBK-DS | | |
| DuraBlack Double-Skirted Adapter | | 6DBK-ADDB | | |
| DuraBlack Stovepipe Adapter | | 6DBK-AD | | |
| <i>Additional items are available special order.</i> | | | | TOTAL \$ |



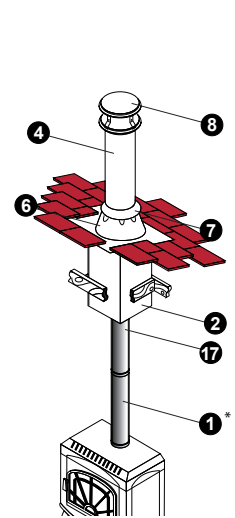
All-fuel, triple-wall chimney system. Listed to UL 103HT.

DuraPlus® Guide

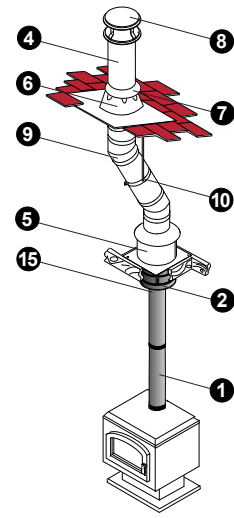


Your Installation

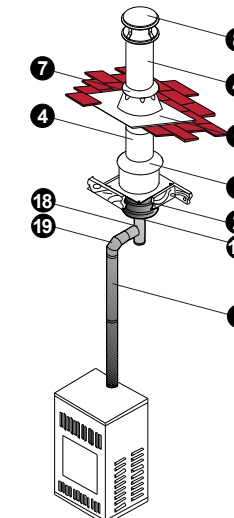
- Step 1.** Measure the diameter of the appliance flue outlet. Select the chimney and either DVL or DuraBlack connector stovepipe with the same size diameter as the appliance flue outlet.
- Step 2.** Measure the roof pitch. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Select the appropriate flashing. See diagram below.
- Step 3.** Determine the minimum chimney height above the roof line. Building codes require a minimum of 3' above the roof penetration, and at least 2' higher, than any portion of a building within 10'. See diagram below.
- Step 4.** If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. Both 15° and 30° elbows are available. Please note that 45° DuraPlus chimney elbows are not allowed in the United States. At least one Elbow Strap is required for each offset. Elbow Straps ensure adequate support.
- Step 5.** Determine the total length of chimney and stovepipe required for the installation. To calculate the installed per length of 6"-8" DuraPlus chimney pipe, subtract 1 1/2" per joint. Subtract 1 1/2" per joint of DuraBlack stovepipe. Subtract 3/4" per joint of DVL stovepipe. Minimum chimney height, at sea level of straight vertical chimney is 10' to 15' above the appliance outlet. Higher elevations, or the use of elbows or a tee, will require approximately 30% to 60% more height to provide for an adequate draft.



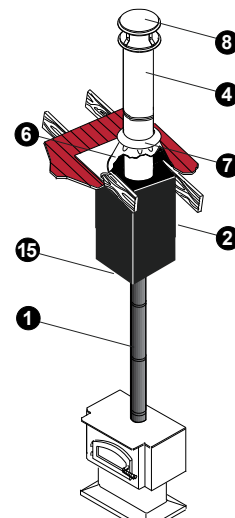
Manufactured Home (DVL stovepipe required for this installation)



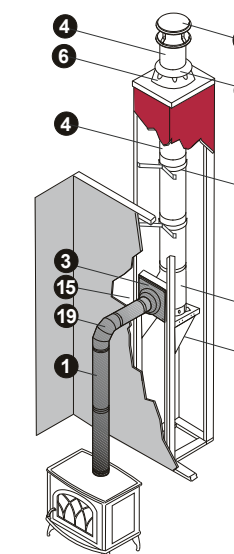
Attic Offset



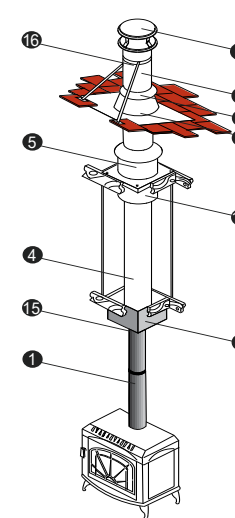
Oil Furnace



Cathedral Ceiling Roof Support



Through-the-Wall (Wall Thimble required for all through-the-wall installations)



Multi-Story

The DuraPlus Chimney system begins with the triple wall pipe, but also requires other components to ensure a proper installation and correct chimney performance. These components include the necessary firestops, radiation shields, flashing, storm collar, and chimney cap. All of these components help to maintain a safe chimney system listed to UL 103 HT.

Stovepipe connects to the stove. It is the usually black interior pipe that transitions from the stove to the chimney pipe with an adapter. It is not insulated and cannot penetrate ceilings or walls.

In most cases, single-wall stovepipe must be at least 18" from combustible walls, furniture, etc. DVL double-wall stovepipe reduces this to 6". Clearances differ between stoves, see stove manufacturers instructions for specifications.

- 1 DVL or DuraBlack Stovepipe
- 2 Ceiling Support Box
- 3 Wall Thimble
- 4 DuraPlus Chimney
- 5 Attic Insulation Shield
- 6 Roof Flashing
- 7 Storm Collar
- 8 Chimney Cap
- 9 Elbow
- 10 Elbow Strap
- 11 Tee with Cap
- 12 Tee Support Bracket
- 13 Wall Strap
- 14 Firestop Radiation Shield
- 15 Snap-Lock Adapter, DVL/DuraBlack Chimney Adapter, DuraBlack Slip Connector
- 16 Extended Roof Bracket
- 17 DVL or DuraBlack Chimney Adapter
- 18 DVL or DuraBlack Tee
- 19 DVL or DuraBlack Elbow

DuraPlus® Quick And Easy Fire Safe Chimney Installation

The following is a brief overview of a typical installation. Detailed installation instructions can be found at www.duravent.com.



1. Drop a plumb line to center of stove flue collar. Mark center point on ceiling, and cut and frame a 14 1/2" square opening around this center point.



2. Slide the chimney support box into the framed opening from below, and level it. At least 2" of the box should extend below finished ceiling.



3. Nail the chimney support box to the framed opening from above. Use at least two 8 penny nails on each side.



4. Screw the support box trim to the ceiling.



5. Lower the first chimney section over short piece of pipe in the bottom of the support box. Push together and twist to lock.



6. Slip insulation shield over chimney until base sits squarely on framed opening or nests in the support box. Nail to opening or screw to box.



7. Wrap insulation shield collar around chimney. Slide it down to the shield.



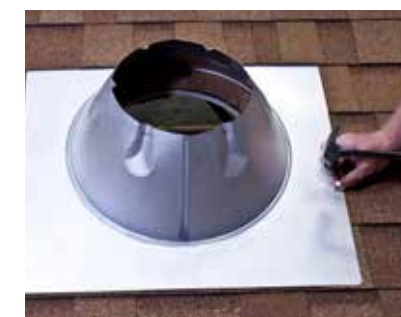
8. Drop a plumb line from roof to center of chimney. This establishes the center point for cutting a round hole through the roof.



9. Hole in roof must provide at least a 2" clearance all around the chimney. Add more chimney sections, and twist to lock.



10. Complete the chimney installation above the roof by adding more chimney sections. Make sure the chimney is plumb.



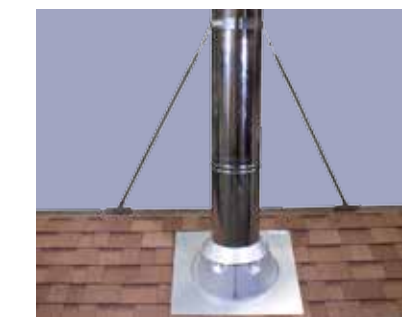
11. Slip the flashing over the roof hole so the top edge is under the shingles above. Nail the flashing to the roof across the top and down 1/2 each side. Seal flashing and nailheads with weatherizing sealant.



12. Add more chimney sections until chimney is at least 3 ft above roof, and at least 2 ft above any part of your house within 10 ft.



13. Apply high temperature silicone sealant where storm collar will meet chimney. Slip storm collar around chimney and slide down. Seal with high temperature silicone sealant.



14. If the chimney is more than 5ft. above roof, support the chimney with an Extended Roof Bracket.



15. Press chimney cap into the last section of pipe. To clean remove the (4) screws and brush the inner sleeve.

