

Installation Instructions



Double-Wall,
Close Clearance Connectors

DVL

DuraVent
A member of M&G Group

A MAJOR CAUSE OF VENT RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACES) TO COMBUSTIBLE MATERIALS. IT IS OF THE UTMOST IMPORTANCE THAT DVL (CLOSE CLEARANCE CONNECTOR) BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

NOTE:

Read through all of these instructions before beginning your installation. Failure to install as described in this instruction will void the manufacturer's warranty, and may have an effect on your homeowner's insurance and UL listing status. Keep these instructions for future reference. This booklet also contains instructions for installing a venting system within an existing masonry chimney, and for installations passing through a cathedral ceiling.

Dear Customer, Installer, or End User:

We welcome any comments, ideas, input or complaints regarding matters pertaining to our DuraVent products.

If you are searching for tech support or product information, please phone us at 800-835-4429.

Or email us at:

techsupport@duravent.com



LISTED
MH14089

DOUBLE-WALL, CLOSE CLEARANCE STOVEPIPE

For the most up-to-date installation instructions, see www.duravent.com

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LISTING:

UL and cUL listed by UL file # 14089

For installation in the United States and Canada

PERMITS:

Contact local Building or Fire Officials about permits, restrictions, and installation inspection in your area.

CLEARANCE:

6" clearance to walls

8" clearance to ceiling

Clearances are measured at a 90 degree angle to the pipe.

APPLICATION:

Used to connect an appliance that burns wood, coal, oil, or gas to a DuraVent Factory Built chimney system tested and listed to UL103HT. Can be used anywhere single wall stove pipe is allowed.

Stove pipe installation should be as short and straight as reasonably possible.

DVL stove pipe is required for use with a solid fuel burning appliances installed in a mobile home.

NOTES:

Use only authorized DuraVent DVL parts.

Do not mix with single wall stove pipe.

Do not mix with other products or improvise solutions. Do not install damaged parts.

All wood burning appliances require their own separate connector pipe and chimney system.

DO NOT ENCLOSE DOUBLE-WALL CONNECTOR PIPE or fittings and/or pass through walls, ceilings, attics or closets.

DVL Pipe cannot be cut.

DVL (Close Clearance Connector) pipe will exhibit a moderate paint-like odor and smoke during the first few uses. This is the normal

curing of the finish and will disappear after a few uses of the appliance.

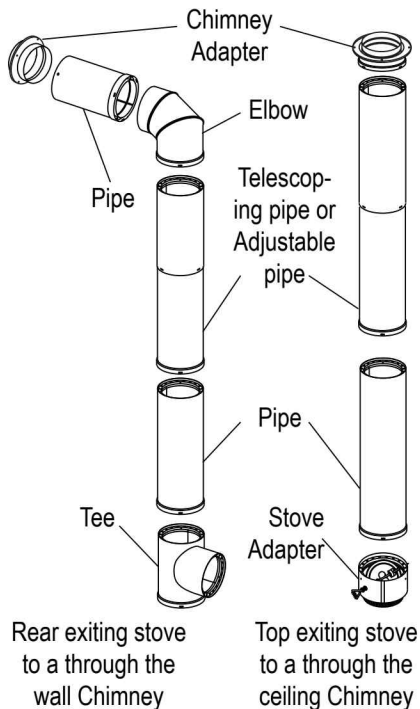


Figure 1

MOBILE HOMES: Solid fuel appliances installed in mobile homes must be listed and bear the label of a testing agency approved by the Department of Housing and Urban Development (HUD), and must be installed exactly in accordance with the manufacturer's installation instructions. DuraVent's DVL stovepipe complies with the requirements for "mobile home" use on HUD approved appliances- Refer to stove manufacturer's installation instructions. Those instructions will also clearly state all clearance requirements and approved installation configurations. **DO NOT USE THIS PRODUCT IN A MOBILE HOME** IF the stove to be installed is not listed for use in a mobile home.

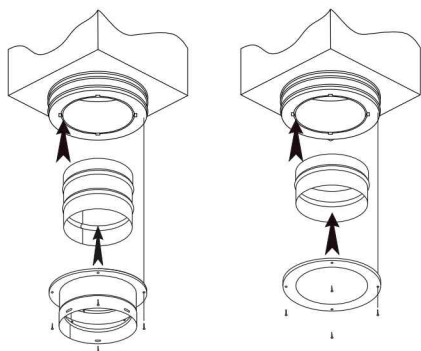


Figure 2

INSTALLATION:

1. Attaching DVL to a DuraVent Chimney

• Trim Ring Adapters (Figure 2)

Insert inner sleeve into outer sleeve (if applicable).

Slide Ring over lower portion of adapter.

Insert large end of adapter's inner sleeve over the chimney's inner sleeve in the support box or wall thimble.

Screw the Trim Plate to the support box or wall thimble.

Slip top piece of DVL pipe over adapter and screw together, you may need to pre-drill the hole in through the piece of pipe.

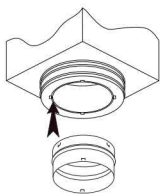


Figure 3

• Clip designed adapter (Figure 3)

Insert larger diameter of adapter around sleeve in the support box or wall thimble until clips are seated/locked.

Slip top piece of DVL pipe over adapter until clips are seated/locked

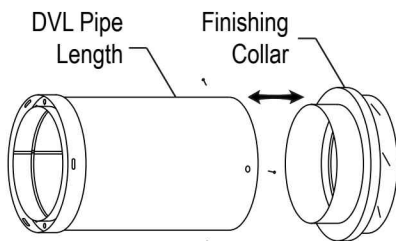


Figure 4

2. Attaching DVL to a Finishing Collar (Figure 4)

Slide first piece of DVL pipe over the inner sleeve of the Finishing Collar and secure with screws, you may need to pre-drill the hole through the piece of pipe.

3. Pipe

Overlap sections

- Pipe section overlap $\frac{3}{4}$ "

(3) screws at each connection (#8 x $\frac{3}{8}$ " screw) equally spaced.

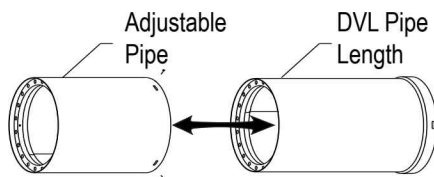


Figure 5

4. Adjustable Pipe (Figure 5)

Slide Adjustable Pipe over a straight length of pipe

Screw Adjustable pipe to mating pipe to lock pipe to desired length

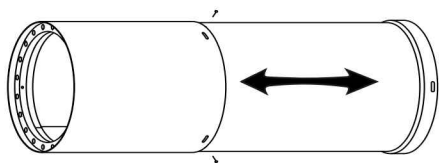


Figure 6

5. Telescoping Pipe (Figure 6)

Slide upper section of pipe onto lower section of pipe until desired length is obtained. Screw Telescoping pipe to lock pipe to desired length.

6. Elbows

Elbows can be used anywhere in-line. Elbows are adjustable.

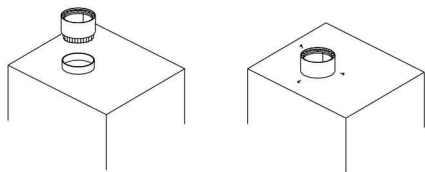


Figure 7

7. Connection to stove

• Round outlets (Figure 7)

If the inner sleeve of the pipe fits into the stove collar no adapter is needed

If the inner sleeve of the pipe almost fits into the stove collar then crimp the inner sleeve enough to fit into the stove collar

If the stove collar is too small for the inner sleeve of the pipe to fit into then use the DVL adapter to connect to stove collar Adapter comes with or without damper section

On rear exiting stoves it is recommended to use a Tee not a 90 degree elbow

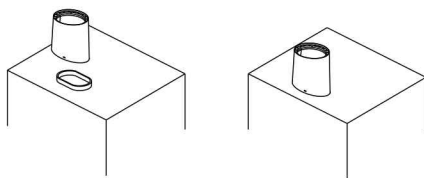


Figure 8

• Oval outlets (Figure 8)

Use a piece of string to measure the distance around the stove collar (Circumference)

If the string measures 19" or a little more then use 6" stove pipe

If the string measures 22" or a little more then use 7" stove pipe

If the string measures 25" or a little more then use 8" stove pipe

Use the DVL 12" adjustable section and field ovalize it to match the shape of the oval outlet on the stove.

MAINTENANCE:

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

CLEANING:

1. Double wall connector pipe must be installed so that access is provided for inspection and cleaning.
2. The connector and chimney should be inspected at least once every month during the heating season to determine if a creosote

or soot has built up. If creosote or soot has accumulated, it should be removed to reduce the risk of chimney fire.

3. Have your connector and chimney cleaned by a professional chimney sweep if you have doubts about your ability to clean it. Use a plastic, wood or flexible steel brush.

4. When burning Coal clean the chimney thoroughly within 48 hours of shutting down the stove for the season. Check the chimney lining for sulfuric acid corrosion regularly.

5. Do not use chemical chimney cleaners. Their use does not eliminate the need for mechanical cleaning and they may be highly corrosive.

6. If a flue fire occurs, close all appliance draft openings and call your Fire Department. Do not use the chimney again until it is inspected for possible damage.