

Combustion Air System

**Triple-wall stovepipe system
designed to provide air for combustion
through its components.**

ULC S641.

DVL®

**Double-wall interior
close clearance stovepipe for
connecting woodstoves to chimney.**

ULC S641.

DuraBlack®

**Single-wall interior
stovepipe for connecting
woodstoves to chimney.**



Specifications

Applications

Triple-wall chimney system designed to provide air for combustion through its components. Provides a 3" air intake for the appliance.

Materials and Construction

.016" stainless steel inner wall.
.018" galvalume middle wall.
.018" galvalume outer, painted black.

Clearances

6" clearance to walls. 8" clearance to ceiling on horizontal pipe that runs below the ceiling.

Diameters

6" and 8"

Listing

ULC-S641
c-UL-us



ULC S641 System

Combustion Air System For DuraTech®, DuraTech® Canada and DuraPlus® HTC

The Combustion Air System (CAS) is a system designed to bring in outside combustion air directly to your wood stoves. This eliminates the use of conditioned inside air for combustion, improving the efficiency of central heating systems.

Combustion Air System is a patent-pending design that pre-heats combustion air. Inbound air is circulated through baffles around the heated areas of the support box or wall thimble. For DuraTech and HTC, the pre-heated air is supplied between the stove pipe's 2nd and 3rd wall, while the 1st wall maintains high stove temperatures.

CAS enables outside air to be used as combustion air below grade. The wall thimble for wood stoves provides combustion air to appliances used in below grade (basement) installations. Wood stoves utilize the triple wall stove pipe. CAS also minimizes down-drafts in below grade installations. It does not consume warm indoor air for combustion and not subject to oxygen starvation, poor draft and other problems associated with 'tight' energy efficient homes.

This system simplifies installation with only one wall or ceiling penetration, eliminating the need for a second penetration in the building envelope to introduce combustion air. The design is simple and elegant with decorative black finish. All products are factory finished in matte black.

Combustion Air Systems is also available for pellet stoves, see details in the PelletVent Pro section of the catalog.



Single- and Double-Wall Stovepipe Systems

DVL double-wall or DuraBlack single-wall stovepipe completes the venting system when used with one of DuraVent's chimney products, such as DuraTech, DuraTech Canada, DuraPlus, or DuraPlus HTC.

DVL®

DVL's double-wall, air-insulated design reduces clearances to combustibles from 18" to 6", the closest clearance to a wall of any connector pipe. DVL improves stove performance by maintaining high flue gas temperatures for a strong, steady draft. Because the inner wall is stainless steel the flue heats up faster, stays hot longer, minimizes the formation of creosote, and has the same life expectancy as the chimney. Adjustable lengths eliminate the need for cutting or crimping.

Required for Manufactured Home installations. See appliance manufacturer's installation instructions.

DuraBlack®

For an economical, drip free, single-wall stovepipe, DuraBlack is an excellent choice. Built to DuraVent's high standards, DuraBlack is constructed with die-formed end fittings. Adjustable lengths eliminate the need for cutting and crimping. Available in 24 gauge lock-seam, 22 gauge stainless steel and heavy duty 22 gauge welded seam.



Specifications

DVL

Applications

Double-wall interior stovepipe for connecting wood stoves to manufactured chimney.

Materials and Construction

.016" stainless steel inner wall.
.018" galvanized outer, painted black.

Clearances

6" clearance to walls. 8" clearance to ceilings, including cathedral ceilings.

Diameters

6" - 8"

Listings

c-UL-us listed to ULC S641 (MH14089).



DuraBlack

Applications

Single-wall interior stovepipe for connecting wood stoves to manufactured chimney.

Materials and Construction

DuraBlack: 24-gauge steel construction. Lock-seamed. Painted black.

DuraBlack Welded: 22-gauge steel construction.

DuraBlack Stainless Steel: .020" 430 stainless steel

Diameters

DuraBlack: 6" - 10"

DuraBlack Welded: 6"

DuraBlack Stainless Steel: 6" and 8"

DVL® - Double-Wall Stovepipe

DVL Close Clearance Connector Kit

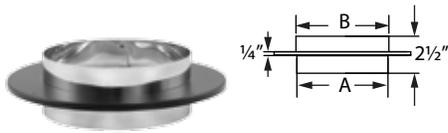


Kit includes: DVL Adapter, (2) 24" DVL Double-Wall Black Pipe, 12" DVL double-wall Adjustable Black Pipe.

Use kit to connect between appliance and chimney for a typical 8' through-the-ceiling installation.

SIZE	6"
ORDER #	6DVL-KVP
STOCK #	810000897

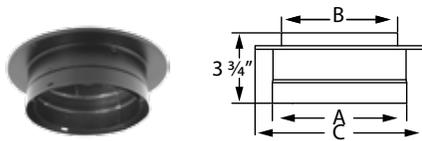
DVL/DuraBlack Chimney Adapter w/ Trim



Use to connect from double-wall DVL and/or single-wall DuraBlack to DuraTech, DuraPlus, DuraPlus HTC, and DuraLiner for a through-the-wall or ceiling support installation. Required for proper connection. Made of stainless steel.

SIZE	6"	7"	8"
A	6"	7"	8"
B	6 1/8"	7 1/8"	8 1/8"
ORDER #	6DVL-ADC	7DVL-ADC	8DVL-ADC
STOCK #	810000900	810000919	810000936

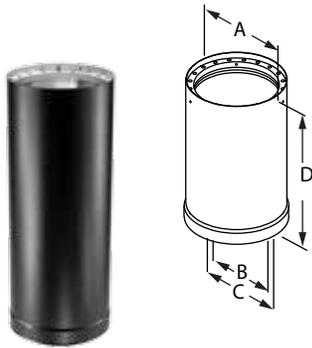
Chimney Adapter w/ Trim



Use to connect from double-wall DVL to DuraTech, DuraPlus, DuraPlus HTC, and DuraLiner for a through-the-wall or ceiling support installation. Required for proper connection. Provides a strong mechanical connection. Painted black. Adapter will work with all 6"-8" DuraPlus, 6"-8" DuraPlus HTC, and 7"-8" DuraTech installations. Adapter will work with 5" - 6" DuraTech Ceiling Support Box installations only.

SIZE	6"	7"	8"
A	7 1/8"	8 1/8"	9 1/8"
B	6 1/4"	7 1/4"	8 1/4"
C	9"	11"	11"
ORDER #	6DVL-ADT	7DVL-ADT	8DVL-ADT
STOCK #	810000899	810000918	810000935

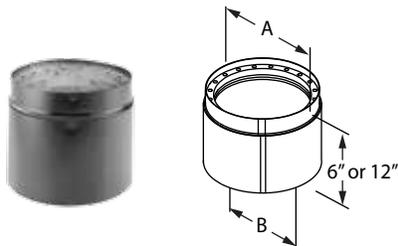
DVL Double-Wall Black Pipe



Designed for installation with minimum clearance to combustibles (6" to walls, 8" from top of horizontal run to ceiling). Available in 6", 7", and 8" diameters. Subtract 3/4" for installed length. Constructed with a stainless steel inner wall.

SIZE		6"	7"	8"
A		7"	8"	9"
B		6"	7"	8"
C		7 1/8"	8 1/8"	9 1/8"
D		6", 12", 18", 24", & 48"		
6" LENGTH	ORDER #	6DVL-06	7DVL-06	8DVL-06
	STOCK #	810000901	810000920	810000937
12" LENGTH	ORDER #	6DVL-12	7DVL-12	8DVL-12
	STOCK #	810000902	810000921	810000938
18" LENGTH	ORDER #	6DVL-18	7DVL-18	8DVL-18
	STOCK #	810000903	810000922	810000939
24" LENGTH	ORDER #	6DVL-24	7DVL-24	8DVL-24
	STOCK #	810000904	810000923	810000940
48" LENGTH	ORDER #	6DVL-48	7DVL-48	8DVL-48
	STOCK #	810000905	810000924	810000941

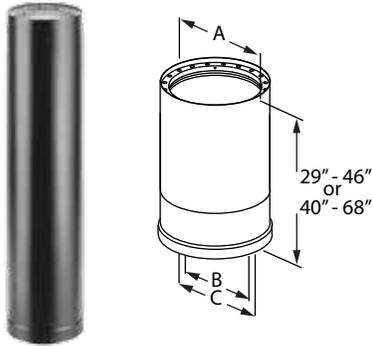
DVL Double-Wall Adjustable Black Pipe



Use to add length to DVL pipe. 6" pipe adds 2" - 5" of length, 12" pipe adds 2" - 11" of length, when used with rigid sections of pipe. 12" section can be ovalized for oval-to-round appliance connector.

SIZE		6"	7"	8"
A		7"	8"	9"
B		6"	7"	8"
6" ORDER #	ORDER #	6DVL-6ADJ	7DVL-6ADJ	8DVL-6ADJ
	STOCK #	810000906	810000925	810000942
12" ORDER #	ORDER #	6DVL-12ADJ	7DVL-12ADJ	8DVL-12ADJ
	STOCK #	810000907	810000926	810000943

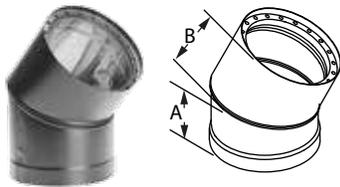
DVL Telescoping Length



Use for a two-piece installation from stove to ceiling support box or finishing collar. Available in 29" - 46" and 40" - 68" extensions. No cutting required.

SIZE		6"	7"	8"
A		7"	8"	9"
B		6"	7"	8"
C		7 1/8"	8 1/8"	9 1/8"
29" - 46"	ORDER #	6DVL-46TA	7DVL-46TA	8DVL-46TA
	STOCK #	810000908	810000927	810000944
40" - 68"	ORDER #	6DVL-68TA	7DVL-68TA	8DVL-68TA
	STOCK #	810000909	810000928	810000945

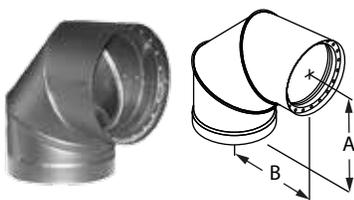
DVL Double-Wall Black 45° Elbow



Offsets obstructions as needed. Elbows angles are adjustable.

SIZE	6"	7"	8"
A	3 1/2"	4 1/2"	5 1/2"
B	4 1/4"	5 3/8"	5 3/8"
ORDER #	6DVL-E45	7DVL-E45	8DVL-E45
STOCK #	810000910	810000929	810000946

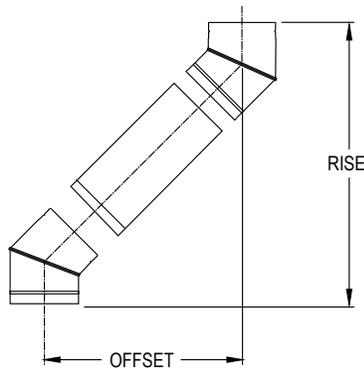
DVL Double-Wall Black 90° Elbow



Offsets obstructions as needed. Elbows angles are adjustable. Not recommended for rear exit appliances.

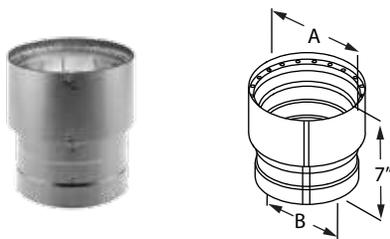
SIZE	6"	7"	8"
A	6"	7"	7 1/2"
B	5 3/4"	6 3/4"	7 1/4"
ORDER #	6DVL-E90	7DVL-E90	8DVL-E90
STOCK #	810000911	810000930	810000947

Offset Chart - DVL



SIZE		6" DIAMETER		7" DIAMETER		8" DIAMETER	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
45°	0"	5"	13 3/4"	7"	17 1/4"	7"	17 1/2"
45°	6"	8 3/4"	16 1/2"	10 1/2"	21"	10 1/2"	21"
45°	12"	13"	20 3/4"	14 3/4"	25 1/4"	14 3/4"	25 1/4"
45°	18"	17 1/4"	25"	19"	29 1/2"	19"	29 1/2"
45°	24"	21 1/2"	39 1/4"	23 1/4"	33 3/4"	23 1/4"	33 3/4"
45°	48"	38 1/2"	46 1/4"	40 1/4"	50 3/4"	40 1/4"	50 3/4"
90°	0"	10 1/2"	6"	13"	14 1/4"	13 1/2"	14 3/4"
90°	6"	15 1/4"	6"	17 3/4"	14 1/4"	18 1/4"	14 3/4"
90°	12"	21 1/4"	6"	23 3/4"	14 1/4"	24 1/4"	14 3/4"
90°	18"	27 1/4"	6"	29 3/4"	14 1/4"	30 1/4"	14 3/4"
90°	24"	33 1/4"	6"	35 3/4"	14 1/4"	36 1/4"	14 3/4"
90°	48"	57 1/4"	6"	59 3/4"	14 1/4"	60 1/4"	14 3/4"

DVL In increaser



Use to increase from a smaller appliance flue outlet to larger diameter chimney or stovepipe.

SIZE	5"-6"	6"-7"	7"-8"	6"-8"
A	6"	7"	8"	8"
B	5 1/8"	6"	7"	6"
ORDER #	5DVL-X6	6DVL-X7	7DVL-X8	6DVL-X8
STOCK #	810000912	810000931	810000948	810000949

DVL Decreaser

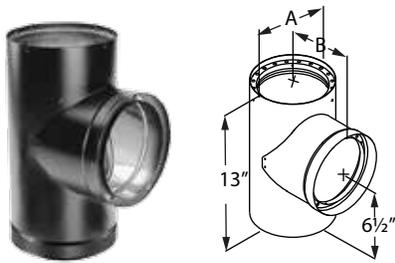


Use to decrease the appliance outlet only when approved by the appliance manufacturer or authority having jurisdiction.

***IMPORTANT:** The diameter of the stovepipe (connector) and chimney should match the outlet size on the appliance. Decreasing chimney diameter even 1" can affect draft and have serious negative impact of chimney performance. Please check the stove manufacturer's venting instructions closely prior to installing a DECREASER. Be careful to use these components only when appropriate.

SIZE	7"-6"	8"-7"
A	7"	8"
B	6"	7"
ORDER #	7DVL-X6	8DVL-X7
STOCK #	810006992	810006993

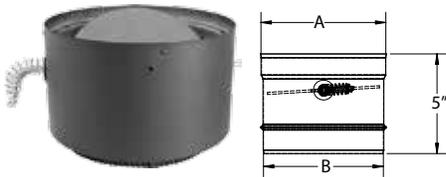
DVL Double-Wall Black Tee w/ Clean-out Cap



Use with rear exit appliances and appliances that require a barometric damper.

SIZE	6"	7"	8"
A	7"	8"	9"
B	6"	7"	8"
ORDER #	6DVL-T	7DVL-T	8DVL-T
STOCK #	810000913	810000932	810000950

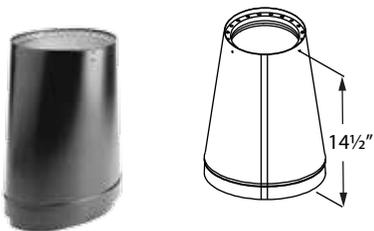
DVL Adapter/Damper Section



Connects DVL pipe to the appliance flue outlet. Use as a stove adapter. The damper is optional. Stock # with (W/O) has no damper.

SIZE	5"	6"	7"	8"
A	6"	7"	8"	9"
B	4 5/8"	5 5/8"	6 1/2"	7 1/2"
ORDER #	--	6DVL-ADWD	7DVL-ADWD	8DVL-ADWD
STOCK #	--	810000914	810000933	810000951
ORDER # W/O	5DVL-AD	6DVL-AD	7DVL-AD	8DVL-AD
STOCK #	810000898	810000915	810000934	810000952

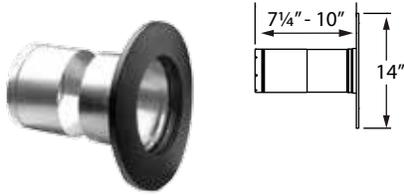
DVL Oval-To-Round Adapter



Use on Vermont Casting appliances with oval flue collars to adapt to round pipe.

SIZE	8" OVAL TO 6" ROUND	8" OVAL TO 8" ROUND
ORDER #	6DVL-ORAD	8DVL-ORAD
STOCK #	810000916	810000953

Masonry Thimble w/ Slip Connector



Penetrates masonry chimney for connection of DuraBlack or DVL to DuraLiner. Adapter must be used to attach the connector pipe to the masonry thimble. Pricing for Masonry Thimble with Slip connector listed under DuraLiner.

SIZE	6"	8"
ORDER #	6DLR-MTSC	8DLR-MTSC
STOCK #	810000917	810000954