

Multi-Fuel System



Direct-Temp / Multi-Fuel (DT-M) Appliance Venting Solution

Direct-Temp / Multi-Fuel (DT-M) is a unique venting system designed to address the problem of highly corrosive flue gases produced by burning corn or other bio-fuels.

- Converts any conventional corn-burning or multi-fuel stove into a Direct Vent system.
- DT-M 3 x 5 and 4 x 7 systems easily connect to 3" or 4" flue outlets.
- Strong positive seal that's able to handle both positive and negative pressure direct venting applications.
- Laser-welded, double-wall system made from the toughest alloys.
- Concentric design eliminates the need for two separate penetrations.

Bio-Fuel Alternatives

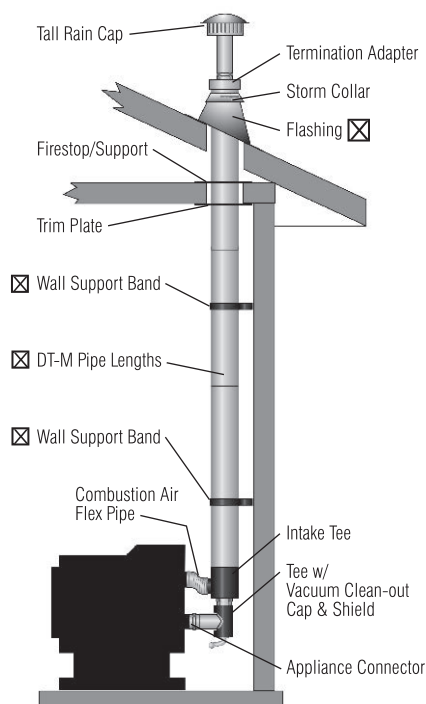
- | | | |
|----------------|------------------------|-----------------------|
| • Corn | • Olive pits | • Processed silage |
| • Hulled wheat | • Cherry pits | • Grass Pellets |
| • Soy beans | • Bio-mass fuel grains | • Waste paper pellets |

Direct-Temp / Multi-Fuel (DT-M) Specifications

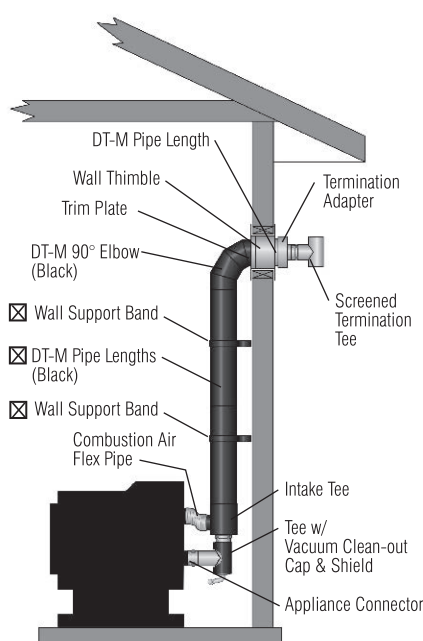
- Inner liner constructed of 29-4C Stainless Steel with built-in seal
- Outer jacket constructed of 409 Stainless Steel
- 1" clearance to combustibles
- Available in 3" and 4" diameters
- "Smart Choice" Lifetime Warranty

Typical Installations

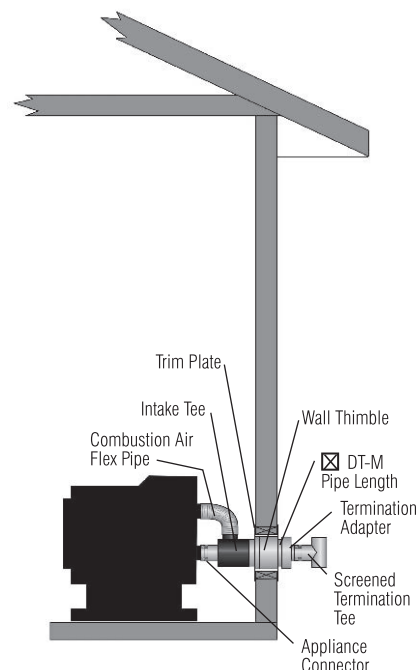
Through-The-Roof Installation



Up & Out Installation



Straight Out Installation

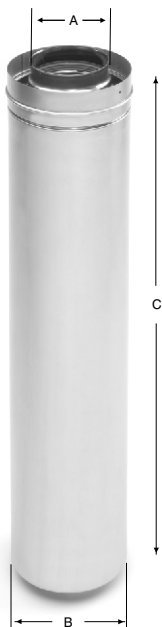


☒ = Items NOT included in Kits

Lengths

Straight Lengths

- Available in 6", 12", 24" and 36" lengths
- Available in 409 SS or black



Size	Length	Dimensions			Installed Length	Part #	Part # (Black)
		A	B	C			
3" x 5"	6"	3"	5"	3.88"		SC03L6	SC03L6B
4" x 7"	6"	4"	7"	3.88"		SC04L6	SC04L6B

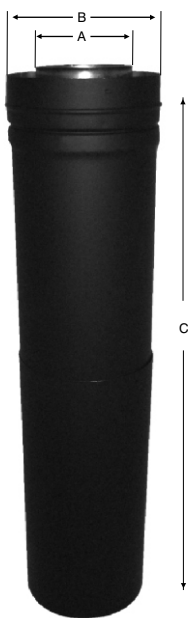
Size	Length	Dimensions			Installed Length	Part #	Part # (Black)
		A	B	C			
3" x 5"	12"	3"	5"	9.88"		SC03L12	SC03L12B
4" x 7"	12"	4"	7"	9.88"		SC04L12	SC04L12B

Size	Length	Dimensions			Installed Length	Part #	Part # (Black)
		A	B	C			
3" x 5"	24"	3"	5"	21.88"		SC03L24	SC03L24B
4" x 7"	24"	4"	7"	21.88"		SC04L24	SC04L24B

Size	Length	Dimensions			Installed Length	Part #	Part # (Black)
		A	B	C			
3" x 5"	36"	3"	5"	35.38"		SC03L36	SC03L36B
4" x 7"	36"	4"	7"	35.38"		SC04L36	SC04L36B

Adjustable Lengths

- Used to adjust pipe to a non-standard length
- Adjustable from 12.5" to 19.5"
- Available in 409 SS or black

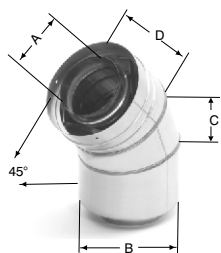


Size	Length	Dimensions			Installed Length	Part #	Part # (Black)
		A	B	C			
3" x 5"	12.5" to 19.5"	3"	5"	12.5" to 19.5"		SC03AJ	SC03AJB
4" x 7"	12.5" to 19.5"	4"	7"	12.5" to 19.5"		SC04AJ	SC04AJB

Direct-Temp® Multi-Fuel Appliance Venting Solution

Elbows and Tees

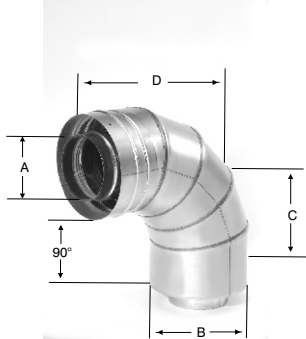
45° Elbow



- Used to achieve offsets or changes in the direction of the vent system
- Degree of these welded seam elbows is not adjustable
- Available in 409 SS or black

Size	Dimensions				Part #	Part # (Black)
	A	B	C	D		
3" x 5"	3"	5"	3.1"	3.7"	SC03E45	SC03E45B
4" x 7"	4"	7"	3.3"	4.3"	SC04E45	SC04E45B

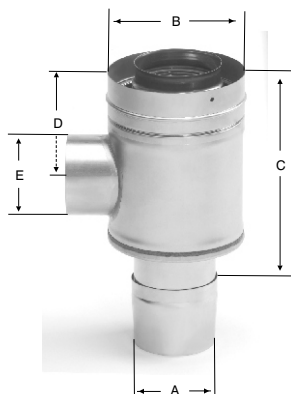
90° Elbow



- Used to achieve offsets or changes in the direction of the vent system
- Degree of these welded seam elbows is not adjustable
- Available in 409 SS or black

Size	Dimensions				Part #	Part # (Black)
	A	B	C	D		
3" x 5"	3"	5"	6.1"	7.0"	SC03E90	SC03E90B
4" x 7"	4"	7"	6.8"	7.75"	SC04E90	SC04E90B

Air Intake Tee



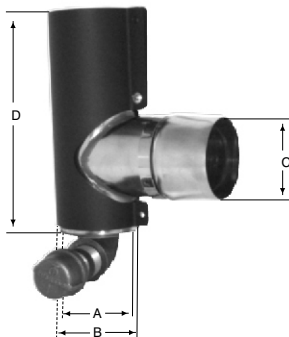
- Allows outside combustion air to be directed to the pellet stove and vents the flue gases to the outside
- Can be installed horizontally or vertically when connected to a Tee with Cleanout
- Available in 409 SS or black

Size	Dimensions					Part #	Part # (Black)
	A	B	C	D	E		
3" x 5"	3"	5"	9"	4.0"	3"	SC03TAD3	SC03TAD3B
4" x 7"	4"	7"	10"	4.6"	3"	SC04TAD3	SC04TAD3B

Direct-Temp® Multi-Fuel Appliance Venting Solution

Elbows and Tees

Tee w/Vacuum Cleanout Cap & Shield

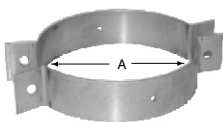


- Used to change the orientation of the vent from horizontal to vertical
- Allows any ash to be removed via a vacuum

Size	Dimensions				Part #	Part # (Black)
	A	B	C	D		
3" x 5"	3"	3.5"	3"	6.3"	N/A	9316DTMB
3" to 4"	4"	4.5"	3"	6.3"	N/A	9416DTM3B
4" x 7"	4"	4.5"	4"	7.3"	N/A	9416DTMB

Supports

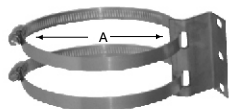
304 Support Clamps



- Used with horizontal systems to provide support at the required 6-foot intervals
- Support clamps by themselves do not maintain the necessary clearances to combustible materials: be sure to consider clearances when planning the system
- Support clamps are sold in pairs to clamp around the vent and suspend from single rod or cable, or used singularly as a saddle to rest the vent in

Size	Dimensions		Part #	Part # (Black)
	A			
3" DT-M	5"		4527SS	N/A
4" DT-M	7"		4727SS	N/A

1" Clearance Support Clamps



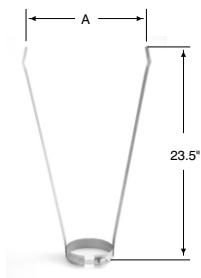
- Provides support to the DT-M system and establishes the required 1" clearance to combustible materials
- Secured in place via worm gear clamps

Size	Dimensions		Part #	Part # (Black)
	A			
3" DT-M	5"		SC03SUP1	N/A
4" DT-M	7"		SC04SUP1	N/A

Direct-Temp® Multi-Fuel Appliance Venting Solution

Supports

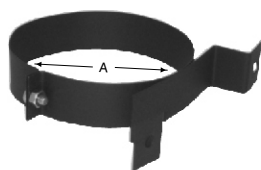
Vertical Support Leg



- Used to provide vertical support
- 20 gauge stainless steel support legs can be used below or above the roof

Size	Dimensions	Part #	Part # (Black)
	A		
3" DT-M	5"	SC03VSL	N/A
4" DT-M	7"	SC04VSL	N/A

1" Clearance Wall Support Band

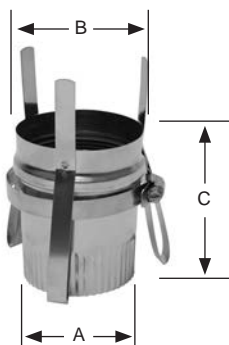


- Provides vertical or horizontal support for the DT-M system
- Provides the required minimum clearance to combustibles
- Painted black for use in locations where it will be visible

Size	Dimensions	Part #	Part # black
	A		
3" DT-M	5"	N/A	SC03WB
4" DT-M	7"	N/A	SC04WB

Parts & Accessories

Appliance Connector - Inside Fit



- Inlet end connects to the appliance and the outlet connects to the Pellet Stove Adapter or to the Tee if venting vertically

Size	Dimensions			Part #	Part # (Black)
	A	B	C		
3"	2.9"	3"	4"	9363	N/A
3" to 4"	2.9"	4"	5.3"	9364	N/A
4"	3.9"	4"	4"	9464	N/A

Direct-Temp® Multi-Fuel Appliance Venting Solution

Parts & Accessories

Appliance Connector - Outside Fit



- Inlet end connects to the appliance and the outlet connects to the Pellet Stove Adapter or to the Tee if venting vertically

Size	Dimensions			Part #	Part # (Black)
	A	B	C		
3"	3.06"	3"	2-7/8"	9301MOD	N/A

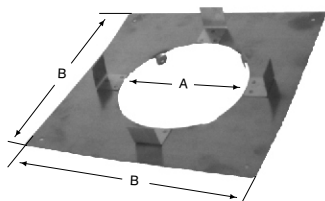
Bixby Appliance Adapter



- Provides for a direct connection between a Bixby Appliance and 3" x 5" DT-M product

Size	Dimensions		Part #	Part # (Black)
	A			
3" x 5"	4"		N/A	SC03AD08

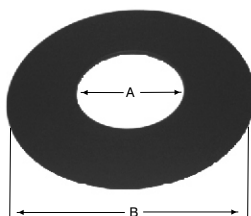
Firestop / Support / Wall Plate



- Required any time the DT-M vent penetrates a combustibile ceiling or wall
- Spacers maintain the mandatory 1" air space clearance
- Can be used as a firestop or support in vertical or horizontal applications
- Serves as a support when DT-M Vent is secured to tabs in plate

Size	Dimensions		Part #	Part # (Black)
	A	B		
3" DT-M	5.06"	9"	SC03AFSP	N/A
4" DT-M	7.06"	11"	SC04AFSP	N/A

Trim Plate



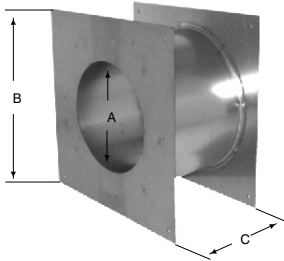
- Used to provide a finished look at the ceiling for vertical installations
- Painted black

Size	Dimensions		Part #	Part # (Black)
	A	B		
3" DT-M	5.13"	12"	N/A	SC03TP
4" DT-M	7.13"	14"	N/A	SC04TP

Direct-Temp® Multi-Fuel Appliance Venting Solution

Parts & Accessories

Wall Thimble

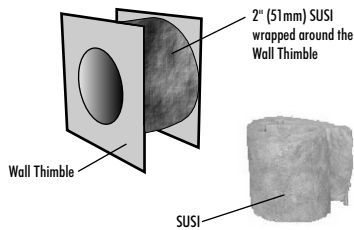


- Used when the vent pipe passes through a wall

Size	Dimensions			Part #	Part # (Black)
	A	B	C		
3" DT-M	5.06"	9"	4.5" to 7"	SC03WT	N/A
4" DT-M	7.06"	11"	4.5" to 7"	SC04WT	N/A

NOTE: add SUSI to this part for increased performance and safety

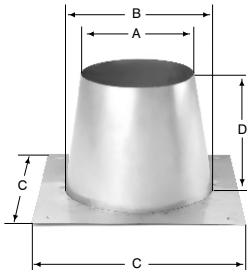
SUSI - Selkirk Universal Shielding Insulation



- Insulation used with Wall Thimble for increased performance and safety

Size	Dimensions	Part #	Part # (Black)
Universal	2" x 12" x 48"	SUSI	N/A

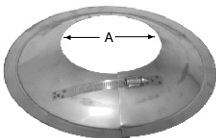
Roof Flashings



- Used to seal the opening where the pipe penetrates the roof
- Must be installed with a Storm Collar (ordered separately)

Size	Dimensions				Roof Pitch	Part #	Part # (Black)
	A	B	C	D			
3" DT-M	5.5"	7.5"	12.5"	6.0"	Flat to 2/12 Pitch	SC03TCF	N/A
3" DT-M	5.5"	7.5"	12.5"	6.0"	2/12 to 6/12 Pitch	SC03TCFA	N/A
3" DT-M	5.5"	7.5"	12.5"	6.0"	6/12 to 12/12 Pitch	SC03TCFB	N/A
4" DT-M	7.5"	9.5"	14.5"	6.0"	Flat to 2/12 Pitch	SC04TCF	N/A
4" DT-M	7.5"	9.5"	14.5"	6.0"	2/12 to 6/12 Pitch	SC04TCFA	N/A
4" DT-M	7.5"	9.5"	14.5"	6.0"	6/12 to 12/12 Pitch	SC04TCFB	N/A

304 Storm Collar



- Used to provide a weather proof seal to pipe above roof flashing
- Tighten and apply silicone sealant to upper edge
- Made from Type 304 Stainless Steel

Size	Dimensions	Part #	Part # (Black)
	A		
3" DT-M	5"	4526SS	N/A
4" DT-M	7"	4726SS	N/A

Direct-Temp® Multi-Fuel Appliance Venting Solution

Outside the House Parts

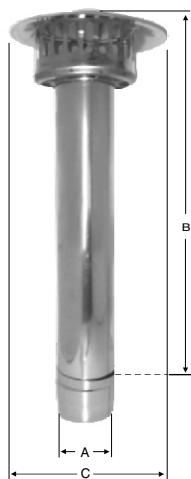
4DT-CAK Combustion Air Kit



- Provides an avenue for combustion air to flow from the Pellet Stove Adapter to the combustion air inlet of the appliance
- Includes 36" length of Aluminum Flex and Hose Clamp

Size	Length	Part #	Part # (Black)
3"	3'	4DT-CAK	N/A

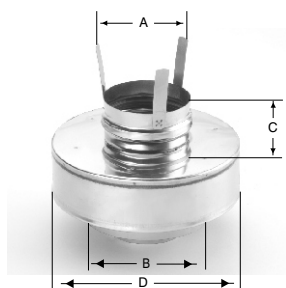
Tall Rain Cap



- Used as a termination for vertical systems
- Prevents rain water from entering the vent
- 29-4C construction
- Extension prevents flue gases from entering/ contaminating the intake air

Size	Dimensions			Part #	Part # (Black)
	A	B	C		
3" DT-M	3"	17.5"	5"	SC03RCX	N/A
4" DT-M	4"	18.3"	7"	SC04RCX	N/A

Termination Adapter

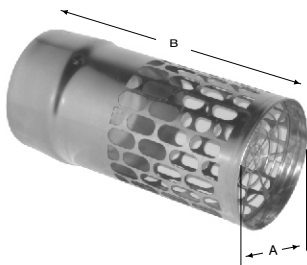


- Attaches to the last length of pipe in a vertical run
- Complete installation with a termination raincap
- Extra housing provides passage way for intake air

Size	Dimensions				Part #	Part # (Black)
	A	B	C	D		
3" DT-M	3"	5"	3.8"	7.1"	SC03VT	N/A
4" DT-M	4"	7"	3.8"	9.1"	SC04VT	N/A

Outside the House Parts

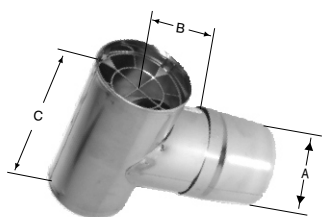
Free Flow Horizontal Termination Cap



- Used as a termination on horizontal systems

Size	Dimensions		Part #	Part # (Black)
	A	B		
3" DT-M	3"	6.25"	9390FFHT	N/A
4" DT-M	4"	7.25"	9490FFHT	N/A

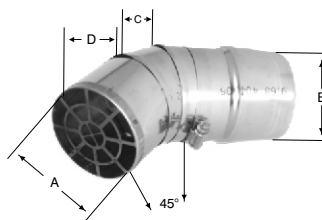
Screened Termination Tee



- Used as a termination on horizontal or vertical systems

Size	Dimensions			Part #	Part # black
	A	B	C		
3" DT-M	3"	5.5"	6"	9390TEE	N/A
4" DT-M	4"	6.0"	7"	9490TEE	N/A

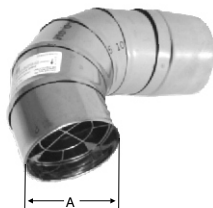
45° Screened Termination Elbow



- Used as a termination on horizontal or vertical systems

Size	Dimensions				Part #	Part # (Black)
	A	B	C	D		
3" DT-M	3"	3.8"	5.3"	6.8"	9311TERM	N/A
4" DT-M	4"	5.3"	6"	8.0"	9411TERM	N/A

90° Screened Termination Elbow



- Used to terminate a horizontal system
- Directs the exhaust down

Size	Dimensions	Part #	Part # (Black)
	A		
3" DT-M	3"	9314TERM	N/A
4" DT-M	4"	9414TERM	N/A

Direct-Temp® Multi-Fuel Appliance Venting Solution

Support Kits

Selkirk has put together 3 DT-M kits to get your project done . . .

We have taken the guess work out of installation by putting the most common parts for each installation all in one box. These 3 kits depict the most common installations. Simply decide which of these scenarios fits your need, then pick up your Direct-Temp lengths and if required the proper roof flashing

Vertical Kit

When your chimney goes up through a ceiling, then thru the roof, you'll need the VERTICAL KIT - *DTM-VK which includes:

- Tee with Vacuum Cleanout Cap & Shield
- Air Intake Tee - Black
- Firestop/Support
- Trim Plate
- Appliance Adapter
- 304 Storm Collar
- Termination Adapter
- Tall Rain Cap
- Combustion Air Kit

SIZE

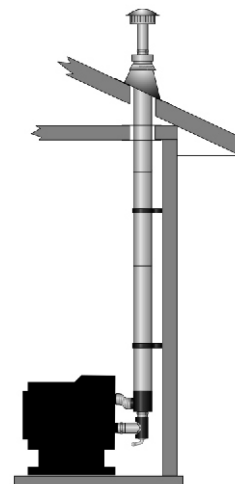
3"
4"

PRODUCT CODE

3DTM-VK
4DTM-VK

Now just add:

DT-M Lengths available in 6", 12", 24" and 36" lengths
and the appropriate **Roof Flashing**
Flat - 2/12
2/12 - 6/12
6/12 - 12/12



Up & Out Kit

When your chimney goes up and then out the wall you'll need the Up & Out KIT - *DTM-UK which includes:

- Tee with Vacuum Cleanout Cap & Shield
- Air Intake Tee - Black
- 90° Elbow - Black
- Trim Plate
- Wall Thimble
- (1) Wall Band/Support
- Appliance Adapter
- Termination Adapter
- Screened Termination Tee
- Combustion Air Kit

SIZE

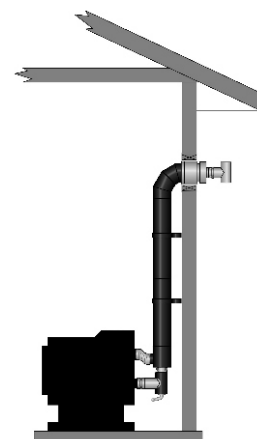
3"
4"

PRODUCT CODE

3DTM-UK
4DTM-UK

Now just add:

DT-M Lengths available in 6", 12", 24" and 36" lengths



Horizontal Kit

When your chimney goes straight out the wall you'll need the HORIZONTAL KIT - *DTM-HK which includes:

- Air Intake Tee - Black
- Trim Plate
- Wall Thimble
- Appliance Adapter
- Termination Adapter
- Screened Termination Tee
- Combustion Air Kit

SIZE

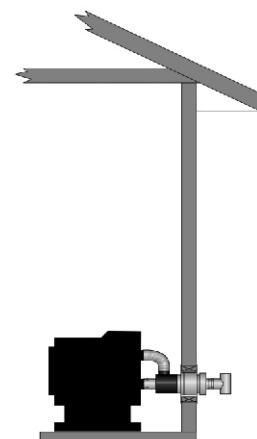
3"
4"

PRODUCT CODE

3DTM-HK
4DTM-HK

Now just add:

DT-M Lengths available in 6", 12", 24" and 36" lengths



DIRECT-TEMP[®]

For training, detailed product information, downloadable
catalogs and installation instructions visit our website:

selkirkcorp.com



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