## TYPE-B GAS VENT [ B-VENT PIPE & FITTINGS ]





## Faster. Safer. Better.\_

Metal-Fab provides complete and comprehensive venting solutions to the HVAC, hearth and plumbing markets. Founded in 1959, on the premise that better products and services would be the key to our success.

Metal-Fab continues to operate today as a privately held entity with the same core values that lead to success while creating steady, stable growth over the past six decades.

Customer needs are the highest priority at Metal-Fab, and that is why every customer receives a unique experience while choosing from a full line of high-quality venting products for residential, commercial and industrial applications.

Cutting-edge manufacturing systems, innovative designs, patented products, unmatched product quality, and a focus on detail has resulted in a leadership position within the industries Metal-Fab serves. Our constant product improvement process and experience in developing and engineering products for safe, efficient appliance operation sets Metal-Fab apart from the competition.

Our superior customer service, 1-2 day shipping, and 100% order fill make Metal-Fab the choice for all your venting requirements.

\_\_\_\_\_ That's The Metal-Fab Way... Experience The Difference \_\_\_\_\_ SAFETY EASE



Product Quality Engineered for safety & efficiency.



UL Product Certification Products tested and listed to UL441 requirements to ensure safety and efficiency.



**Installation Safety** Hemmed flue & casing.



SureLock<sup>™</sup> Locking System No sheet metal screws required.



Zero Height Increaser No-height increaser design, no additional space required.



Swivel Tees & Wyes 360° rotating male connection for easy installation.



Positive Twist-Lock Connection UL listed to adapt to identified competing B-Vent brands.



Easily Adjustable 45/60 Elbows 360° rotating collar, 4-piece design – saves cost of 90° elbow.

## Convenience



**One-Stop Vent Shopping** Complete lines of HVAC, Hearth & Plumbing products and accessories.



1-2 Day Shipping

Email Order Confirmation & Tracking





Varehouse Locations



100% Order Fill

## **Customer Service & Support**



World-class customer service, responsive to your needs.



Friendly representatives to assist with design, project layout, job quotes and submittals.



Innovative and talented marketing staff to assist in marketing Metal-Fab products.



Qualified factory technical support department.

### **Products You Can Trust!** Manufacturing Superior Quality Venting Products For Over 60 Years!





Temp/Guard<sup>®</sup>



**Direct Vent** 



**Premium Biomass** 



**Black Stovepipe** 





Fire & Ceiling Radiation Dampers



Corr/Guard<sup>®</sup> Grilles, Registers & Diffusers

Complete lines of HVAC, Hearth & Plumbing products to meet your needs for any installation.



## UL Listed B-Vent Adaptability

# Have you ever been in the field and don't have the brand of B-Vent you need?

Metal-Fab understands and that is why we have come up with a solution to save you time and money. Existing B-Vent installations frequently require repair, replacement and maintenance as we all know. What should you do if the existing product make and model cannot be identified with certainty? Let Metal-Fab solve your problems. Our B-Vent 3" through 6" is UL listed to adapt to any competitor's UL listed B-Vent products. Metal-Fab's universal adaptability with identified competing brands provides a competitive advantage in the field and you the installer only need one brand of B-Vent.

## Installing Replacement Equipment (3"-6")

Mating two different brands of B-Vent does not have to cost you time and money. Metal-Fab B-Vent provides a solution in two easy steps. Simply, insert the male end (outlet) of the competitive B-Vent brand into the female end (inlet) of the Metal-Fab adapter, then tighten the adapter clamp.



2-1



## **Depleting Competitive Inventory**

Metal-Fab is the only B-Vent manufacturer with UL approval to connect the male end into the female end of all competitive UL listed B-Vent brands, increasing product versatility. Did you know that by simply connecting using three (3) quarter inch sheet metal screws to secure creates a UL listed connection?

Metal-Fab round B-Vent has been evaluated and listed to Underwriters Laboratories to mate with other specifically identified UL listed round gas vent in 3" through 6" diameters. Metal-Fab's approval includes but is not limited to the following B-Vent products:

American Metal Products Co. Continental Industries, Inc. ECCO Manufacturing Hart & Cooley, Inc. M&G Duravent Inc. Mitchell Metal Products, Inc. Selkirk Corporation (Amerivent) (AirJet) (Model E/R) (Hart & Cooley B-Vent) (Type B Gas Vent) (Mitch Vent) (Energy Vent)



NO Adapter Required

LISTED MH7860



## **Female Adapter**

For those installing specialists and building authorities who may prefer the use of a female adapter in contrast to connecting using sheet metal screws. The female adapter is adjusted and the adapter clamp is tightened to the competitive brand of B-Vent.



(Part # - M6AF)

## **B-Flex**™

# Metal-Fab's double wall B-Flex<sup>™</sup> can be used as a connector or as a segment of B-Vent in a variety of installations.

### **Applications**

Use B-Flex<sup>™</sup> anywhere B-Vent is required, except where pipe penetrates the structure walls, floors, ceilings or roof.

### **USED AS A CONNECTOR**



Make a direct connection from one or both appliances to a common B-Vent.

#### **USED IN ATTIC**



Make a quick connection from an attic furnace to a rigid B-Vent penetration.



### Faster. Safer. Better.

### USED IN A CRAWL SPACE



Easily connect a furnace located in a crawl space to a rigid B-Vent penetration.

### **USED THROUGH AN ATTIC**



Connect a furnace to a termination on a conventional installation with ease.

Flexible double wall for easy B-Vent pipe fitting.

## Double Wall Versatility, Flexible Advantages. Quick & Easy

B-Flex<sup>™</sup> eliminates measuring, special adapters and assembly of rigid pipe lengths.

## **Cost Savings**

Saves time and labor, a universal solution to connecting appliances to rigid B-Vent.

### Convenience

Ready to install right out of the box with factoryassembled male and female positive twist-lock ends.

## Adaptability

Can be used with other specifically identified competing brands of UL listed round gas vent 3" through 6" diameters.



UL listed for use as connection from the appliance to rigid Type-B gas vent, and as a segment of B-Vent.

Metal-Fab's approval includes connections at both the male (outlet) and female (inlet) end to the following B-Vent products but is not limited to:

American Metal Products Co.	()
Continental Industries, Inc.	(
ECCO Manufacturing	(
Hart & Cooley, Inc.	(
M&G Duravent, Inc.	(
Mitchell Metal Products, Inc.	(
Selkirk Corporation	(

(Amerivent) (AirJet) (Model E/R) (Hart & Cooley B-Vent) (Type B Gas Vent) (Mitch Vent) (Energy Vent)

At the male (outlet) end of the compatible gas vent, add an adapter or adjustable length (M6A, M12A, M18A) – then add sections of Metal-Fab B-Vent pipe. At the female (inlet) end of the compatible gas vent, simply insert the male end of the Metal-Fab B-Vent into the compatible gas vent and secure per installation instructions.

## SureGrip Vent Support Plate

The fastest, easiest way to support B-Vent where it penetrates floors and ceilings. ....Just a few minutes and you're finished!



## Adjustable SureGrip Vent Support Plate

Holds pipe in a secure position as it penetrates through the roof. ....Can't be accidentally pushed down through the roof!



## Fast, sure, support that's easy, trouble-free and won't let the pipe slip!

#### FOR YOUR REFERENCE

#### MODELS "M" & "MO", TYPE B, GAS VENT

METAL-FAB ROUND AND OVAL TYPE-B GAS VENT IS LISTED BY UNDERWRITERS LABORATORIES, INC. FOR USE WITH APPROVED GAS FURNACES, HEATERS, FIREPLACES AND BOILERS. METAL-FAB MEETS OR EXCEEDS ALL RECOGNIZED GAS VENTING CODES, STANDARDS OR REQUIREMENTS, WHETHER LOCAL, STATE, OR UNITED STATES. MAXIMUM TEMPERATURE RATING FOR B-VENT IS 530° F.

1" Minimum clearance to combustibles for 3" through 24" diameters.

2" Minimum clearance to combustibles for 26" through 30" diameters.

Round pipe and fittings available in 3" through 30" diameters.

Oval pipe and fittings available in 4", 5", and 6" diameters.



#### **MATERIAL SPECIFICATIONS**

The outer wall is constructed of galvanized steel, .018" thick G-90 for sizes 3" to 14" diameter, and .024" thick G-90 for sizes 16" to 30" diameter.

The inner wall is constructed of aluminum alloy, .012" thick for sizes 3" to 8" diameter and .018" thick for sizes 10" to 30" diameter.

The vent includes an integral, annular insulating air space,  $\frac{1}{4}$ " thick for sizes 3" to 6" diameter and  $\frac{1}{2}$ " thick for sizes 7" to 30" diameter.

#### **ADAPTABILITY**

Metal-Fab round B-Vent has been evaluated and listed by Underwriters Laboratories, Inc., to mate with other specifically identified and UL listed round gas vent, in 3" through 6" diameters. Metal-Fab's approval covers connections at both the male (outlet) end, and the female (inlet) end to the following B-Vent products:

American Metal Products Co. Continental Industries, Inc. ECCO Manufacturing Hart & Cooley, Inc. M&G Duravent, Inc. Mitchell Metal Products, Inc. Selkirk Corporation (Amerivent) (AirJet) (Model E/R) (Hart & Cooley B-Vent) (Type B Gas Vent) (Mitch Vent) (Energy Vent)

At the male (outlet) end of compatible gas vent, add an adapter or adjustable length (M6A, M12A, or M18A) - then add sections of Metal-Fab pipe. At the female (inlet) end of compatible vent simply insert the male end of Metal-Fab B-Vent into the compatible gas vent and secure per instructions.

#### SURELOCK™ B-VENT LOCKING SYSTEM:

The design of the SureLock<sub>TM</sub> B-Vent Locking System is unique. The male end of the pipe features a square dimple, positioned in the exact location to match the tab that is located on the female end of the pipe. When the pipe is joined and twisted until it stops, the SureLock<sub>TM</sub> tab can be pushed into the square dimple, therefore creating a positive twist lock that cannot be twisted apart. So unique that a patent is pending.



Line up the pipe ends.



Push the ends of the pipe together.



engage the

twist lock.

Depress the SureLock™ tab to secure pipe sections.



ne To unlock, M simply bend Ire out the tab.

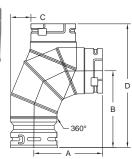


Untwist and pull pipe apart. Note: Vent overlaps 1.5" when joined together. Therefore, assembled length is 1.5" less than listed length.

_	PIPE LENGTH	IS 3M thr	ough 14M		DIAMETER	6"	12"	18"	24"	36"	48"	60"
	With positive tw	vist lock.	I.D. —►		3" to 6"	X	X	X	X	X	X	X
				<u> </u>	7" to 10"		Х	Х	Х	Х	Х	х
	-				12" to 14"		Х	Х	Х	Х		
E B	1	-			I.D. = 3" throug A = Length. See				ailable	option	IS.	
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10.00	The second second	125		A								
1000	SureLock™ is sta on 3" - 6" diamet											
	_	-	_	_								
	PIPE LENGT	IS 16M tl	hrough 30M									
_			irougii oom		DIAME	TER	6" 1	2" 1	8" 24	4" 3	6" 48	<b>3</b> " 60"
	With quick conr	nect lock using sl	neet metal scr ews.		16" to				x )		x	
		-	—— I.D. ——		I.D. = 1							
		[			A = Ler	igth. Se	e char	t abov	e for a	vailabi	e optio	ns.
					Α.							
	l											
_												
ADJUSTABLE LI M12A - M1												
		CAT. NO.	A		I.D.							
		M12A	Adjusts from 3"		' through 30"							
		M18A	Adjusts from 3" to	0 14" 3	' through 30"							
						_						
	A			ADAF	PTER – M6A						_	
							T I		. NO.		<b>A</b>	I.D.
				. Oir				IV	16A	6	6.00"	3" through
G	Ð		-	-			A					
			a come		GD							
ph .						='	1					
	ADAPTER -	M6AF		T								
			-									
			CAT. NO.	Α	I.D.							
			M6AF	6.50"	3" through 6	"						
		0										

#### 90° ADJUSTABLE ELBOW – M90 - 3" through 10"





CAT. NO.	SIZE	A	В	С	D
3M90	3"	4.75"	6.25"	1.75"	9.50"
4M90	4"	5.25"	6.25"	1.75"	9.50"
5M90	5"	6.00"	7.38"	2.25"	11.00"
6M90	6"	6.00"	7.81"	2.50"	11.00"
7M90	7"	7.75"	8.75"	3.12"	13.75"
8M90	8"	8.50"	9.00"	3.38"	14.50"
10M90	8"	10.00"	13.00"	N/A	N/A
The Gue wines M	100 - 1				

The five piece M90 short radius elbow is fully adjustable from 0" (straight) to 90  $^\circ.$ 

The 360  $^\circ\,$  rotating collar allows for desired orientation of vent pipe.

Note: 10" elbows are not adjustable.

SureLock™ is standard on 3" - 6" diameters.

45°/60° ADJUSTABLE ELBOW – M45/60 - 3" through 6" 45° ADJUSTABLE ELBOW – M45 - 7" and 8"

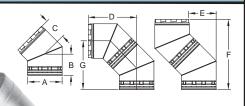


				@45°	@45°	@60°	@60°		
CAT. NO.	SIZE	Α	В	С	D	C	D		
3M45/60	3"	4.53"	3.48"	4.60"	12.61"	5.75"	11.47"		
4M45/60	4"	4.63"	3.53"	4.71"	12.86"	5.88"	11.69"		
5M45/60	5"	5.86"	4.61"	6.34"	16.81"	7.90"	15.18"		
6M45/60	6"	6.09"	4.39"	6.35"	16.83"	7.92"	15.21"		
7M45/60	7"	6.38"	5.13"	7.00"	18.25"	8.75	16.50"		
8M45/60	8"	6.75"	5.00"	7.25"	18.75"	9.00"	17.00"		
In sizes 3" throu	In sizes 3" through 8", the four piece M45/60 short radius elbow								

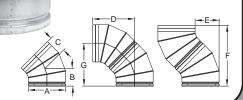
is fully adjustable from 0° (straight) to 60°.

The 360  $^{\circ}\,$  rotating collar allows for desired orientation of vent pipe.

#### 45° 2-PIECE ELBOW – M45 - 10", 12", 14", 16" 45° 3-PIECE ELBOW – M45 - 18" through 30"



Fixed 45° 2-piece elbow shown.



CAT. NO.	SIZE	A	В	С	D	E	F	G
10M45	10"	11.00"	7.50"	6.13"	14.75"	8.63"	22.25"	16.07"
12M45	12"	13.00"	7.63"	7.00"	16.25"	9.75"	23.88"	16.91"
14M45	14"	15.00"	8.25"	7.25"	17.25"	10.00"	25.38"	18.51"
16M45	16"	17.00"	7.00"	9.00"	19.43"	10.43"	26.43"	17.25"
18M45	18"	19.13"	10.79"	10.79"	24.99"	14.20"	35.78"	24.99"
20M45	20"	21.13"	10.79"	10.79"	24.99"	14.20"	35.78"	24.99"
22M45	22"	23.13"	10.79"	10.79"	24.99"	14.20"	35.78"	24.99"
24M45	24"	25.13"	10.79"	10.79"	24.99"	14.20"	35.78"	24.99"
26M45	26"	27.13"	11.95"	11.95"	27.78"	15.84"	39.72"	27.78"
28M45	28"	29.13"	11.95"	11.95"	27.78"	15.84"	39.72"	27.78"
30M45	30"	31.13"	11.95"	11.95"	27.78"	15.84"	39.72"	27.78"

Note: 10", 12" and 14" elbows are adjustable, and these same diameters have positive twist lock. Fixed angles in 16" through 30" diameter have quick connect lock using sheet metal screws.

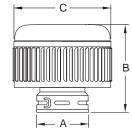
SWIVEL TEE – N	AST - 3" through 6"	CAT. NO.	SIZE	Α	В	С	D
		3M3ST3	3"	3.43"	3.50"	3.50"	9.94"
The state of the s	<del></del> A - <del></del>	4M4ST4	4"	4.43"	4.50"	4.50"	10.92
· · · · · · ·		4M4ST3	4"	4.43"	4.50"	3.50"	9.94"
		5M5ST5	5"	5.43"	5.50"	5.50"	11.53"
1		5M5ST4	5"	5.43"	5.50"	4.50"	10.92"
		5M5ST3	5"	5.43"	5.50"	3.50"	9.94"
0 0		5M4ST4	5"	5.43"	4.50"	4.50"	12.17"
- Jacobier	<del> </del>	5M4ST3	5"	5.43"	4.50"	3.50"	11.19"
		6M6ST6	6"	6.44"	6.51"	6.51"	12.41"
3		6M6ST5	6"	6.44"	6.51"	5.50"	11.53"
		6M6ST4	6"	6.44"	6.51"	4.50"	10.92"
		6M6ST3	6"	6.44"	6.51"	3.50"	9.94"
SureLock™ is standard	on male end on 3"- 6" diameters.	6M5ST4	6"	6.44"	5.50"	4.50"	12.17"
		6M5ST3	6"	6.44"	5.50"	3.50"	11.19"

STANDARD TEE – MT - 7" through 30"	CAT. NO.	SIZE	Α	В	С
	7MT	7"	8.00"	13.75"	3.00"
	8MT	8"	9.00"	14.75"	3.00"
	10MT	10"	11.00"	19.00"	4.00"
	12MT	12"	13.00"	21.00"	4.00"
	14MT	14"	15.00"	23.00"	4.00"
в с С	16MT	16"	17.13"	28.50"	4.00"
	18MT	18"	19.13"	30.50"	4.00"
	20MT	20"	21.13"	32.50"	4.00"
	22MT	22"	23.13"	34.50"	4.00"
	24MT	24"	25.13"	36.50"	4.00"
*Tap centered on installed body length	26MT	26"	27.13"	38.50"	4.00"
	28MT	28"	29.13"	40.50"	4.00"
	30MT	30"	31.13"	42.50"	4.00"

CHAINEL MAYE MEY A" through C"							
SWIVEL WYE – MSY - 4" through 6"	CAT. NO.	SIZE	A	В	С	D	E
	4M4SY4	4"	4.43"	4.50"	4.50"	14.50"	10.09"
	4M4SY3	4"	4.43"	4.50"	3.50"	14.50"	10.58"
	5M5SY4	5"	5.43"	5.50"	4.50"	14.50"	10.79"
	5M5SY3	5"	5.43"	5.50"	3.50"	14.50"	11.29"
	5M4SY4	5"	5.43"	4.50"	4.50"	15.75"	10.79"
	5M4SY3	5"	5.43"	4.50"	3.50"	15.75"	11.29"
	6M6SY5	6"	6.44"	6.51"	5.50"	15.75"	11.00"
	6M6SY4	6"	6.44"	6.51"	4.50"	15.75"	11.50"
	6M6SY3	6"	6.44"	6.51"	3.50"	15.75"	12.00"
	6M5SY4	6"	6.44"	5.50"	4.50"	17.00"	12.00"
→B→	6M5SY3	6"	6.44"	5.50"	3.50"	17.00"	12.00"
SureLock™ is standard on male end on 3"- 6" diameters.	6M4SY3	6"	6.44"	4.50"	3.50"	15.75"	12.00"

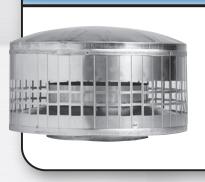
VENT CAP – MCHP - 3" through 6"





SIZE	A	В	С				
3"	3.50"	7.00"	5.50"				
4"	4.50"	8.00"	6.75"				
5"	5.50"	8.25"	8.25"				
6"	6.50"	8.31"	10.00"				
SureLock™ is standard on 3"-6" diameters.							
	3" 4" 5" 6"	3" 3.50"   4" 4.50"   5" 5.50"   6" 6.50"	3" 3.50" 7.00"   4" 4.50" 8.00"   5" 5.50" 8.25"   6" 6.50" 8.31"				

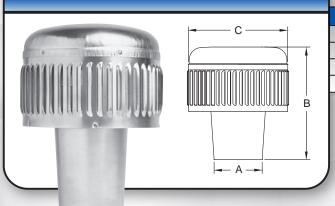
VENT CAP – MC - 7" through 12"



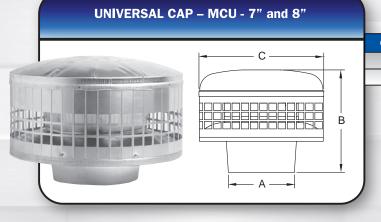
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	B

CAT. NO.	SIZE	Α		В	С						
7MC	7"	8.00"		8.00"		8.00"		8.00"		8.00"	13.50"
8MC	8"	9.00"		9.25"	15.00"						
10MC	10"	11	.00"	11.00"	19.00"						
12MC	12"	13.00"		11.00"	19.00"						
With positive											

UNIVERSAL CAP – MCUHP - 3" through 6"



CAT. NO.	SIZE	Α	В	С
<b>3MCUHP</b>	3"	2.88"	8.38"	5.50"
4MCUHP	4"	3.88"	11.00"	6.75"
5MCUHP	5"	4.88"	11.25"	8.25"
6MCUHP	6"	5.63"	12.00"	10.00"



CAT. NO. SIZE		Α	В	С	
7MCU	7"	6.75"	9.75"	13.50"	
8MCU	8"	7.75"	11.50"	15.00"	

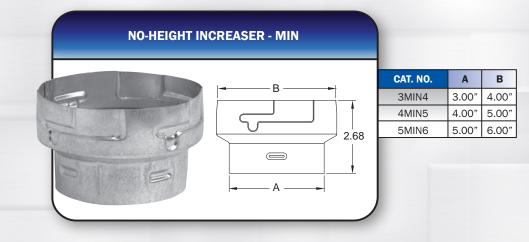
	VENT CAP – MC - 14" through 30"
F	

	CAT. NO. SIZE		A B		С	D	
	14MC	14"	15.00"	23.25"	28.62"	5.62"	
	16MC	16"	17.00"	22.50"	30.62"	7.00"	
	18MC	18"	19.00"	24.50"	32.87"	7.00"	
	20MC	20"	21.00"	29.00"	39.00"	5.75"	
	22MC	22"	23.00"	29.50"	41.50"	8.00"	
ſ	24MC	24"	25.00"	31.50"	43.50"	8.00"	
	26MC	26"	27.00"	35.50"	50.25"	6.00"	
	28MC	28"	29.00"	36.50"	52.25"	7.50"	
	30MC	30"	31.00"	37.00"	54.25"	7.50"	
	Note: 1/1" has no	ocitivo tv	vist lock				

Note: 14" has positive twist lock. 16" - 30" has quick connect lock.

#### **TYPE - B GAS VENT - ROUND PIPE**

#### www.mtlfab.com



#### **INCREASERS – MIX**

-



1	
	A — A 4" through 14"

В

A 16" through 30" С

4 Ċ

– B

		4"-14"			16"-30"		
	Α	В	C		Α	В	C
CAT. NO.	SMALL END	LARGE END	HT.	CAT. NO.	SMALL END	LARGE END	HT.
3MIx5	3.00"	5.00"	6.50"	?MIx16	Specicified	16.00"	8.50"
4MIx6	4.00"	6.00"	6.50"	?MIx18	Specicified	18.00"	8.50"
?MIx7	Specicified	7.00"	8.50"	?MIx20	Specicified	20.00"	8.50"
?MIx8	Specicified	8.00"	8.50"	?MIx22	Specicified	22.00"	8.50"
?MIx10	Specicified	10.00"	8.50"	?MIx24	Specicified	24.00"	8.50"
?MIx12	Specicified	12.00"	8.50"	?MIx26	Specicified	26.00"	8.50"
?MIx14	Specicified	14.00"	8.50"	?MIx28	Specicified	28.00"	8.50"
				?MIx30	Specicified	30.00"	8.50"

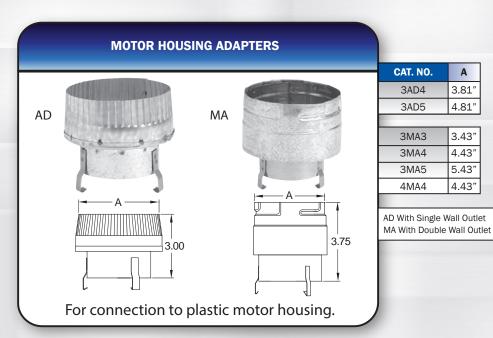
A

3.81"

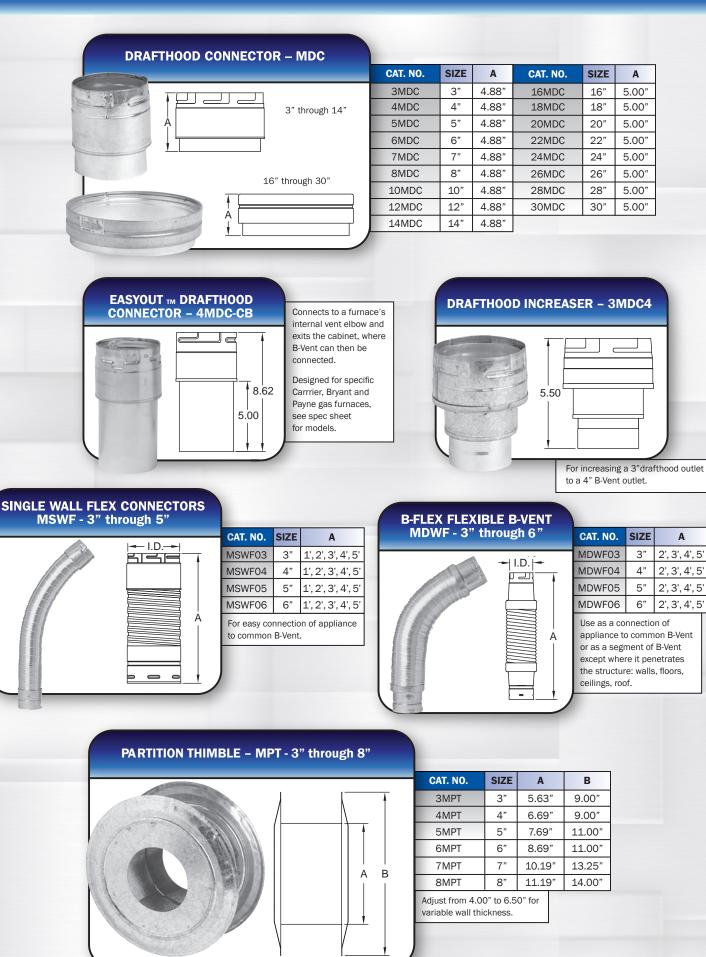
4.81"

5.43"





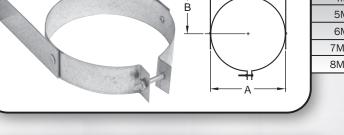
#### **TYPE - B GAS VENT - ROUND PIPE**



A

HANGER/WALL BAND - MH

#### www.mtlfab.com



CAT. NO.	SIZE	Α	В						
3MH	3"	3.63"	3.22"						
4MH	4"	4.63"	3.72"						
5MH	5"	5.63"	4.22"						
6MH	6"	6.63"	4.72"						
7MWB	7"	8.06"	5.00"						
8MWB	8"	9.06"	5.50"						

FIRESTOP – MFS	C,
	B 1 Spar 1" c

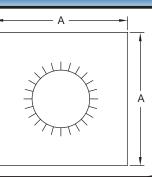
CAT. NO.	SIZE	Α	В	С
3MFS	3"	3.56"	8.50"	5.50"
4MFS	4"	4.56"	8.50"	6.50"
5MFS	5"	5.56"	10.50"	7.50"
6MFS	6"	6.56"	10.50"	8.50"
7MFS	7"	8.06"	13.00"	10.00"
8MFS	8"	9.06"	13.00"	11.00"
10MFS	10"	11.06"	15.00"	13.00"
12MFS	12"	13.06"	17.00"	15.00"
Spacer ring atta 1" clearance to	res			

CAT. NO.	SIZE	A	
2MVSP	2"	7.00"	
3MVSP	3"	8.00"	
4MVSP	4"	10.00"	
5MVSP	5"	11.00"	
6MVSP	6"	12.00"	The fastest, easiest way to support B-Ver
7MVSP	7"	13.00"	where it penetrates
8MVSP	8"	14.00"	floors and ceilings
Note: Pine not in	ncluded		

#### SUREGRIP VENT SUPPORT PLA TE - MVSP

SUREGRIP VENT SUPPORT PLATE

SUREGRIP VENT SUPPO
100



nt

С 3.48"

4.48"

5.45"

6.45"

Note: Pipe not included

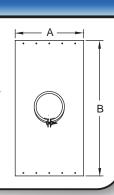
ADJUSTABLE	- MV	SPA							
		/	— C	DIA.	CAT. NO.	SIZE	Α	В	
CHARLES .	0		0	4	3MVSPA	3"	6.00"	9.00"	Γ
	0	THE	0		4MVSPA	4"	7.00"	10.00"	Γ
	0	弐 + 戻	•	A	5MVSPA	5"	8.00"	11.00"	Ι
		WILL			6MVSPA	6"	9.00"	12.00"	Γ
		<u>р</u>		<u> </u>	Note: Pipe not ir	ncluded.			

#### **TYPE - B GAS VENT - ROUND PIPE**



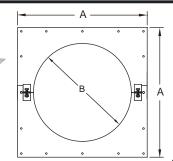
Sizes 3" through 30" Use to cap flue when tee has no bottom (inlet) entry.

SUPPORT PLATE – MSP



CAT. NO.	SIZE	Α	В	CAT. NO.	SIZE	Α	В
3MSP	3"	8.50"	17.00"	16MSP	16"	21.50"	21.50"
4MSP	4"	9.50"	17.00"	18MSP	18"	23.50"	24.00"
5MSP	5"	10.50"	17.00"	20MSP	20"	25.50"	30.00"
6MSP	6"	12.00"	17.00"	22MSP	22"	27.50"	30.00"
7MSP	7"	13.50"	17.00"	24MSP	24"	29.50"	30.00"
8MSP	8"	13.50"	17.00"	26MSP	26"	31.50"	36.00"
10MSP	10"	15.50"	17.00"	28MSP	28"	33.50"	36.00"
12MSP	12"	17.50"	21.50"	30MSP	30"	35.00"	36.00"
14MSP	14"	19.50"	21.50"				

HEAVY SUPPORT – MHS - 10" through 30"



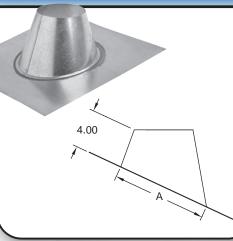
CAT. NO.	SIZE	A	В
10MHS	10"	16.00"	10.63"
12MHS	12"	18.00"	12.63"
14MHS	14"	20.00"	14.63"
16MHS	16"	22.00"	16.63"
18MHS	18"	24.00"	18.63"
20MHS	20"	26.00"	20.63"
22MHS	22"	28.00"	22.63"
24MHS	24"	30.00"	24.63"
26MHS	26"	32.00"	26.63"
28MHS	28"	34.00"	28.63"
30MHS	30"	36.00"	30.63"

Designed to support large size pipe sections. Also serves as a firestop.

**GUY RING – MGR** 

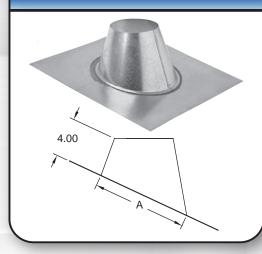
Sizes 10" through 30" For additional support above the roof.

STANDARD FLASHING – MF



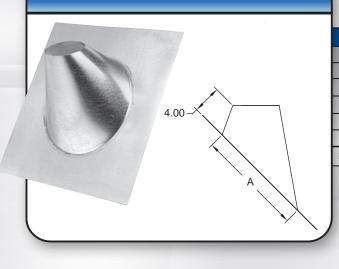
CAT. NO.	SIZE	Α	PLATE	CAT. NO.	SIZE	Α	PLATE
3MF	3"	7.50"	14.63" x 14.63"	16MF	16"	21.00"	29.00" X 29.00"
4MF	4"	7.50"	14.63" x 14.63"	18MF	18"	22.75"	32.00" X 32.00"
5MF	5"	8.25"	14.63" x 14.63"	20MF	20"	27.00"	33.00" X 33.00"
6MF	6"	9.50"	17.50" X 17.50"	22MF	22"	26.75"	35.00" X 35.00"
7MF	7"	11.00"	19.00" X 19.00"	24MF	24"	29.25"	38.00" X 38.00"
8MF	8"	12.00"	20.00" X 20.00"	26MF	26"	31.75"	40.00" X 40.00"
10MF	10"	14.63"	22.38" X 22.38"	28MF	28"	32.75"	42.00" X 42.00"
12MF	12"	16.63"	24.00" X 24.00"	30MF	30"	36.25"	45.00" X 45.00"
14MF	14"	18.75"	26.75" X 26.75"				
Fits roof pi	tch 2/1	2 to 5/12					

**DEAD-SOFT FLASHING – MDSF** 



CAT. NO.	SIZE	Α	PLATE			
3MDSF	3"	7.50"	24.00" x 24.00"			
4MDSF	4"	7.50"	24.00" x 24.00"			
5MDSF	5"	8.25"	24.00" x 24.00"			
6MDSF	6"	9.50"	24.00" X 24.00"			
Fits roof pit	<u>.</u>					

12/12 FLASHING - MF - 12

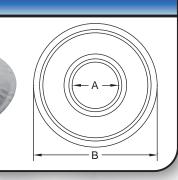


CAT. NO.	SIZE		Α	PLATE
3MF-12	3"		12.00"	20.00" x 20.00"
4MF-12	4"		12.00"	20.00" x 20.00"
5MF-12	5"		12.00"	20.00" x 20.00"
6MF-12	6"		12.50"	21.00" x 28.00"
7MF-12	7"	13.00	0" X 18.00"0val	21.00" x 28.00"
8MF-12	8"	13.00	0" X 18.00"0val	21.00" x 28.00"
Fits roof pitch 6/	/12 to 1	2/12.		



CAT. NO.	SIZE	Α	PLATE	CAT. NO.	SIZE	Α	PLATE
3MFT	3"	7.50"	14.63" x 14.63"	16MFT	16"	21.31"	29.00" X 29.00"
4MFT	4"	7.50"	14.63" x 14.63"	18MFT	18"	22.56"	32.00" X 32.00"
5MFT	5"	8.25"	14.63" x 14.63"	20MFT	20"	24.75"	33.00" X 33.00"
6MFT	6"	9.50"	17.50" X 17.50"	22MFT	22"	26.75"	35.00" X 35.00"
7MFT	7"	11.00"	19.00" X 19.00"	24MFT	24"	28.75"	38.00" X 38.00"
8MFT	8"	12.00"	20.00" X 20.00"	26MFT	26"	30.75"	40.00" X 40.00"
10MFT	10"	14.63"	22.38" X 22.38"	28MFT	28"	33.88"	42.00" X 42.00"
12MFT	12"	16.63"	24.00" X 24.00"	30MFT	30"	34.75"	45.00" X 45.00"
14MFT	14"	19.00"	26.75" X 26.75"				
Flat roof f	lashing						

VENT COLLAR – MVC - 3" through 8"



CAT. NO.	SIZE	Α	В
3MVC	3"	3.56"	8.25"
4MVC	4"	4.56"	8.75"
5MVC	5"	5.56"	10.13"
6MVC	6"	6.56"	10.13"
7MVC	7"	8.00"	13.88"
8MVC	8"	9.00"	13.88"

STORM COLL	AR – MSC
- 1.50 -	3" through 7"
	R
	8" and larger

	CAT. NO.	SIZE	CAT. NO.	SIZE
٦	3MSC	3"	16MSC	16"
	4MSC	4"	18MSC	18"
	5MSC	5"	20MSC	20"
	6MSC	6"	22MSC	22"
	7MSC	7"	24MSC	24"
	8MSC	8"	26MSC	26"
I	10MSC	10"	28MSC	28"
I	12MSC	12"	30MSC	30"
I	14MSC	14"		
ł				

#### STORM COLLAR SEALANT TAPE – MST



WATERPROOF - Will not harden or oxidize from weather.

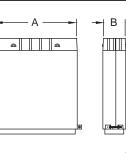
NON TOXIC

Dimensions are 1/16" in thickness by 5/8" width. 25 feet to the roll.



#### **OVAL ADJUSTABLE LENGTH - M012A**

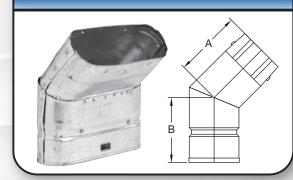




В

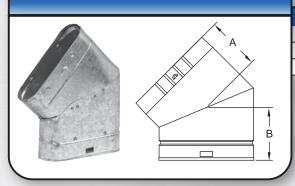
	CAT. NO.	SIZE	LISTED LENGTH				
-	4M012A	4"	12.00"				
l T	5M012A	5"	12.00"				
	6M012A	6"	12.00"				
	M012A adjusts	from 3"	to 9".				

#### 45° STANDARD FIXED ANGLE – MO45S



CAT. NO.	SIZE	Α	В	OFFSET		
4M045S	4"	2.25"	3.75"	4.50"		
5M045S	5"	2.25"	3.75"	4.50"		
6M045S	6"	2.25"	3.75"	4.50"		

45° FLAT FIXED ANGLE - MO45F



CAT. NO.	SIZE	Α	В	OFFSET	
4M045F	4"	3.00"	4.75"	5.50"	
5M045F	5"	3.38"	4.88"	3.50"	
6M045F	6"	4.25"	5.50"	3.00"	

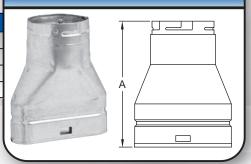
#### **TYPE - B GAS VENT - ROUND PIPE**

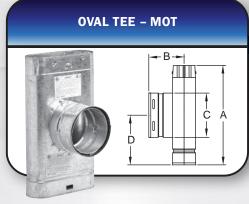
#### ADAPTER: ROUND TO OVAL - MRO

## 

CAT. NO.	OVAL SIZE	ROUND SIZE	Α	CAT. NO.		
4MRO	4"	4"	8.75"	4MOR		
5MR0	5"	5"	10.50"	5MOR		
6MR0	6"	6"	11.50"	6MOR		
6MR05	6"	5"	11.55"	6MOR5		

#### ADAPTER: OVAL TO ROUND - MOR



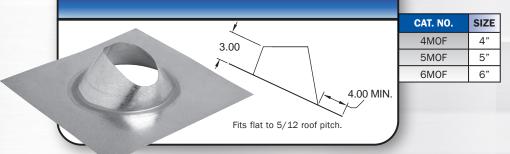


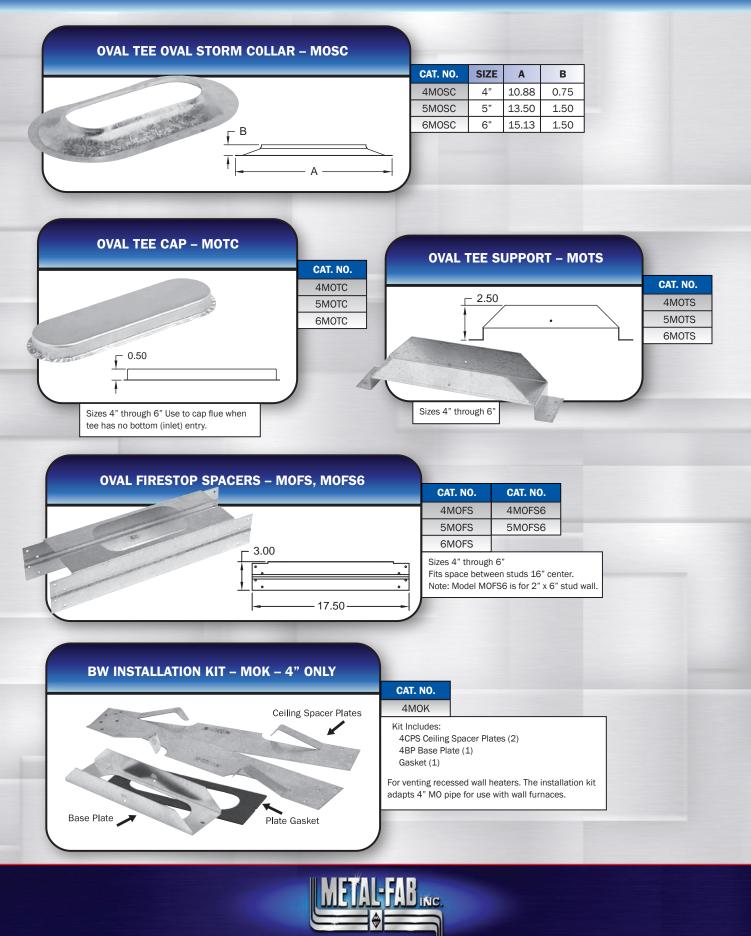
CAT. NO.	Α	В	С	D		
4MOT	11.00"	4.50"	4.00"	6.25"		
4MOT3	11.00"	4.50"	3.00"	6.25"		
5MOT	11.00"	4.75"	5.00"	6.25"		
6MOT	11.00"	5.00"	6.00"	6.25"		

OVAL VENT CAP - MOC					
		B			

CAT. NO.	SIZE	Α	В	С	
4MOC	4"	8.75"	11.56"	7.50"	
5MOC	5"	8.25"	14.63"	10.50"	
6MOC	6"	10.00"	16.00"	12.00"	

#### OVAL ADJUSTABLE ROOF FLASHING – MOF







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