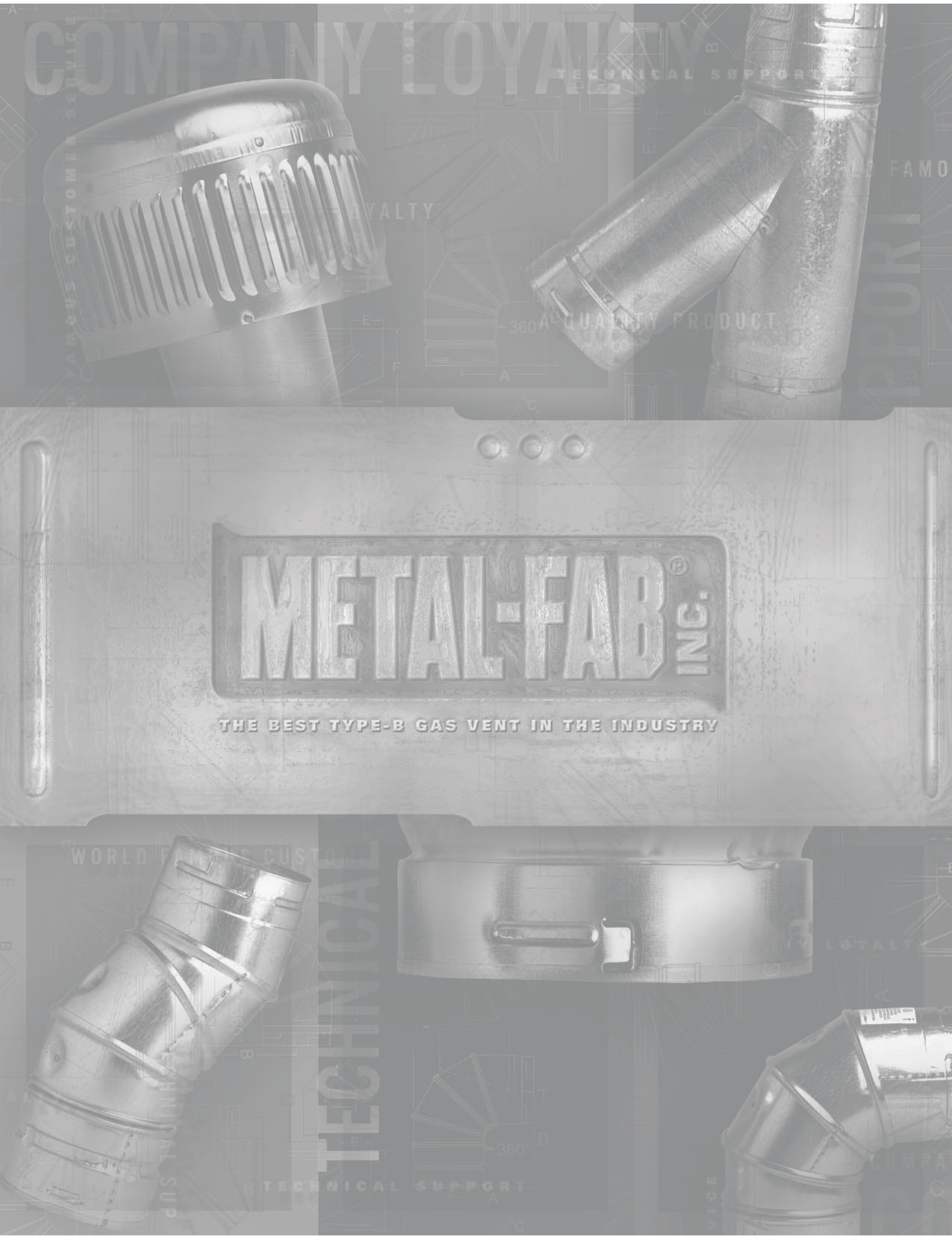

METAL-FAB INC.
THE BEST TYPE-B GAS VENT IN THE INDUSTRY

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.

UL®
Listed 441

MATERIAL SPECIFICATIONS
The otер 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, ¼" thick for sizes 3" to 6" diameter and ½" thick for sizes 7" to 30" diameter.

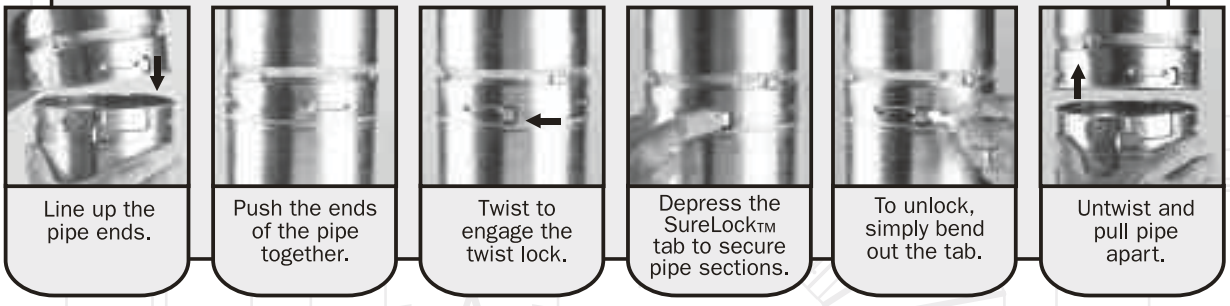
ADAPTABILITY
Metal-Fab round B-Vent has been evaluated and listed by Underwriters Laboratories, Inc., to mate with other specifically identified and UL listed round gas vent, in 3" through 6" diameters. Metal-Fab's approval covers connections at both the male (outlet) end, and the female (inlet) end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

General Products Co., Inc. (Airjet)
American Metal Products Co. (Amerivent)
Hart & Cooley (Metlvent)
Household Manufacturing Inc. (Metalbestos & Airmate)
Mitchell Metal Products Inc. (Mitchvent)
Selkirk Metalbestos (Metalbestos)
Simpson Dura-Vent Inc. (Duravent)
ECCO Heating Products (ECCO Manufacturing)

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™ 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™ 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.

Twist to engage the twist lock.

Depress the SureLock™ tab to secure pipe sections.

To unlock, simply bend out the tab.

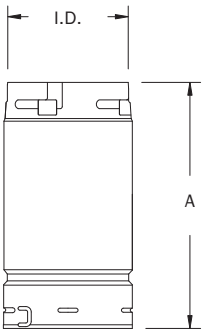
Untwist and pull pipe apart.

Note: Vent overlaps 1.5" when joined together. Therefore, assembled length is 1.5" less than listed length.

PIPE LENGTHS – 3M through 14M

With positive twist lock.

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

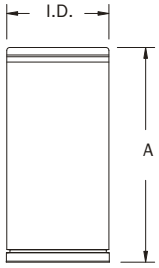


DIAMETER	6"	12"	18"	24"	36"	48"	60"
3" to 6"	X	X	X	X	X	X	X
7" to 10"		X	X	X	X	X	X
12" to 14"		X	X	X	X		

I.D. = 3" through 14" diameter.
A = Length. See chart for available lengths.

PIPE LENGTHS – 16M through 30M

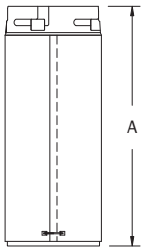
With quick connect lock using sheet metal screws.



DIAMETER	6"	12"	18"	24"	36"	48"	60"
16" to 30"		X	X	X	X		

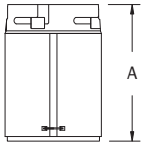
I.D. = 16" through 30" diameter.
A = Length. See chart for available lengths.

ADJUSTABLE LENGTHS M12A - M18A



CAT. NO.	A	I.D.
M12A	Adjusts from 3" to 8"	3" through 30"
M18A	Adjusts from 3" to 14"	3" through 30"

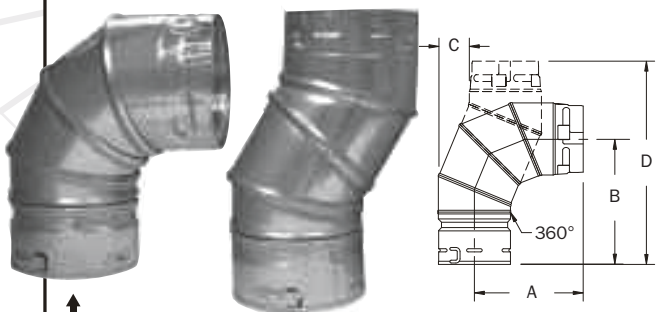
ADAPTER – M6A



CAT. NO.	A	I.D.
M6A	6"	3" through 8"

METAL-FAB INC.

90˚ ADJUSTABLE ELBOW – M90 - 3” through 8”



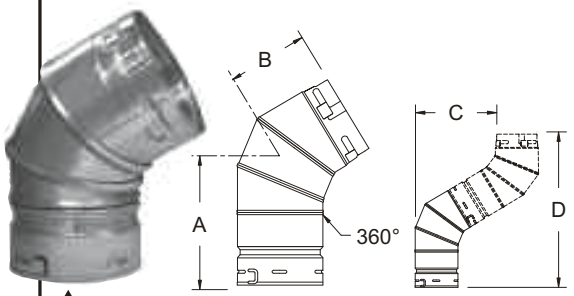
SureLock™ is standard on 3"- 6" diameters.

CAT. NO.	SIZE	A	B	C	D
3M90	3”	4.750”	6.250”	1.750”	9.500”
4M90	4”	5.250”	6.250”	1.750”	9.500”
5M90	5”	6.000”	7.375”	2.250”	11.000”
6M90	6”	6.000”	7.812”	2.500”	11.000”
7M90	7”	7.750”	8.750”	3.125”	13.750”
8M90	8”	8.500”	9.000”	3.375”	14.500”

The five piece M90 short radius elbow is fully adjustable from 0° (straight) to 90°.

The 360° rotating collar allows for desired orientation of vent pipe.

45˚/60˚ ADJUSTABLE ELBOW – M45/60 - 3” through 6”
45˚ ADJUSTABLE ELBOW – M45 - 7” and 8”



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

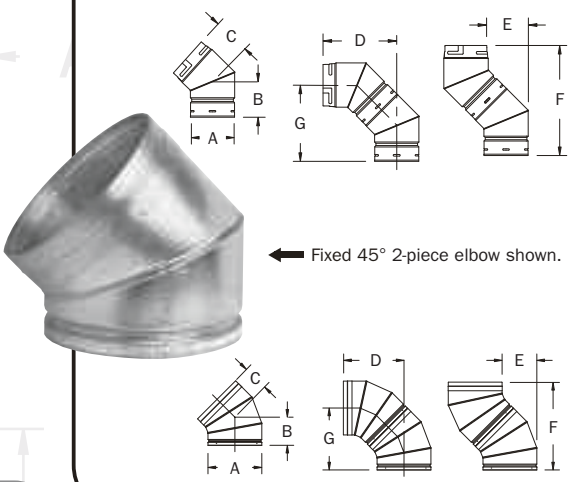
				@ 45˚		@ 60˚	
CAT. NO.	SIZE	A	B	C	D	C	D
3M45/60	3”	4.528”	3.478”	4.601”	12.607”	5.754”	11.466”
4M45/60	4”	4.628”	3.528”	4.707”	12.863”	5.884”	11.691”
5M45/60	5”	5.859”	4.609”	6.342”	16.811”	7.896”	15.176”
6M45/60	6”	6.091”	4.391”	6.351”	16.832”	7.916”	15.211”
7M45	7”	5.500”	4.250”	5.798”	15.498”	N/A	N/A
8M45	8”	6.000”	4.500”	6.364”	16.864”	N/A	N/A

In sizes 3" through 6", the four piece M45/60 short radius elbow is fully adjustable from 0° (straight) to 60°.

In sizes 7" and 8", the elbow is adjustable from 0° to 45°.

The 360° 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”

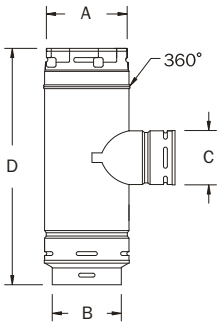


Fixed 45° 2-piece elbow shown.

CAT. NO.	SIZE	A	B	C	D	E	F	G
10M45	10”	11.000”	7.500”	6.125”	14.75”	8.63”	22.25”	16.07”
12M45	12”	13.000”	7.630”	7.000”	16.25”	9.75”	23.88”	16.91”
14M45	14”	15.000”	8.250”	7.250”	17.25”	10.00”	25.38”	18.15”
16M45	16”	17.000”	7.000”	9.000”	19.43”	10.43”	26.43”	17.25”
18M45	18”	19.125”	10.790”	10.790”	24.99”	14.20”	35.78”	24.99”
20M45	20”	21.125”	10.790”	10.790”	24.99”	14.20”	35.78”	24.99”
22M45	22”	23.125”	10.790”	10.790”	24.99”	14.20”	35.78”	24.99”
24M45	24”	25.125”	10.790”	10.790”	24.99”	14.20”	35.78”	24.99”
26M45	26”	27.125”	11.950”	11.950”	27.78”	15.84”	39.72”	27.78”
28M45	28”	29.125”	11.950”	11.950”	27.78”	15.84”	39.72”	27.78”
30M45	30”	31.125”	11.950”	11.950”	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.

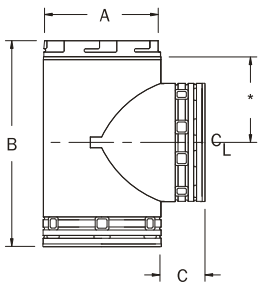
SWIVEL TEE – MST - 3” through 6”



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

CAT. NO.	SIZE	A	B	C	D
3M3ST3	3”	3.430”	3.500”	3.500”	9.940”
4M4ST4	4”	4.435”	4.505”	4.505”	10.920”
4M4ST3	4”	4.435”	4.505”	3.500”	9.940”
5M5ST5	5”	5.430”	5.500”	5.500”	11.530”
5M5ST4	5”	5.430”	5.500”	4.505”	10.920”
5M5ST3	5”	5.430”	5.500”	3.500”	9.940”
5M4ST4	5”	5.430”	4.505”	4.505”	12.170”
5M4ST3	5”	5.430”	4.505”	3.500”	11.190”
6M6ST6	6”	6.442”	6.510”	6.510”	12.410”
6M6ST5	6”	6.442”	6.510”	5.500”	11.530”
6M6ST4	6”	6.442”	6.510”	4.505”	10.920”
6M6ST3	6”	6.442”	6.510”	3.500”	9.940”
6M5ST4	6”	6.442”	5.500”	4.505”	12.170”
6M5ST3	6”	6.442”	5.500”	3.500”	11.190”

STANDARD TEE – MT - 7” through 30”



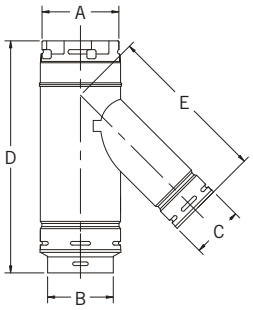
*Tap centered on installed body length

Tees in 7” through 14” diameter have positive twist lock.

Tees in 16” through 30” diameter use quick connect lock using sheet metal screws.

CAT. NO.	SIZE	A	B	C
7MT	7”	8.000”	13.75”	3”
8MT	8”	9.000”	14.75”	3”
10MT	10”	11.000”	19.00”	4”
12MT	12”	13.000”	21.00”	4”
14MT	14”	15.000”	23.00”	4”
16MT	16”	17.125”	28.50”	4”
18MT	18”	19.125”	30.50”	4”
20MT	20”	21.125”	32.50”	4”
22MT	22”	23.125”	34.50”	4”
24MT	24”	25.125”	36.50”	4”
26MT	26”	27.125”	38.50”	4”
28MT	28”	29.125”	40.50”	4”
30MT	30”	31.125”	42.50”	4”

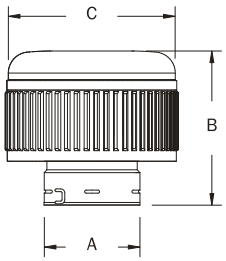
SWIVEL WYE – MSY - 4” through 6”



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

CAT. NO.	SIZE	A	B	C	D	E
4M4SY4	4”	4.435”	4.505”	4.505”	14.50”	10.086”
4M4SY3	4”	4.435”	4.505”	3.500”	14.50”	10.581”
5M5SY4	5”	5.430”	5.500”	4.505”	14.50”	10.790”
5M5SY3	5”	5.430”	5.500”	3.500”	14.50”	11.285”
5M4SY4	5”	5.430”	4.505”	4.505”	15.75”	10.790”
5M4SY3	5”	5.430”	4.505”	3.500”	15.75”	11.285”
6M6SY5	6”	6.442”	6.510”	5.500”	15.75”	11.008”
6M6SY4	6”	6.442”	6.510”	4.505”	15.75”	11.505”
6M6SY3	6”	6.442”	6.510”	3.500”	15.75”	12.000”
6M5SY4	6”	6.442”	5.500”	4.505”	17.00”	12.000”
6M5SY3	6”	6.442”	5.500”	3.500”	17.00”	12.000”
6M4SY3	6”	6.442”	4.505”	3.500”	15.75”	12.000”

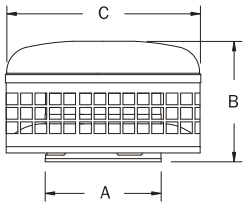
VENT CAP – MCHP - 3” through 6”



CAT. NO.	SIZE	A	B	C
3MCHP	3”	3.5”	8.0625”	5.50”
4MCHP	4”	4.5”	8.5625”	8.25”
5MCHP	5”	5.5”	8.5625”	10.00”
6MCHP	6”	6.5”	9.5625”	12.00”

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

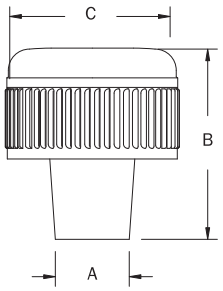
VENT CAP – MC - 7” through 12”



CAT. NO.	SIZE	A	B	C
7MC	7”	8”	8.00”	13.5”
8MC	8”	9”	9.25”	15.0”
10MC	10”	11”	11.00”	19.0”
12MC	12”	13”	11.00”	19.0”

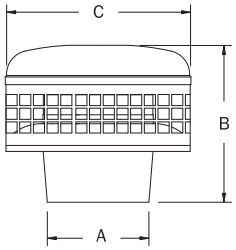
With positive twist lock.

UNIVERSAL CAP – MCUHP - 3” through 6”



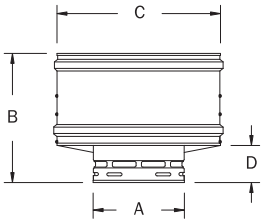
CAT. NO.	SIZE	A	B	C
3MCUHP	3”	2.75”	8.375”	5.50”
4MCUHP	4”	3.75”	10.750”	8.25”
5MCUHP	5”	4.75”	11.250”	10.00”
6MCUHP	6”	5.50”	12.000”	12.00”

UNIVERSAL CAP – MCU - 7" and 8"



CAT. NO.	SIZE	A	B	C
7MCU	7"	6.75"	9.75"	13.5"
8MCU	8"	7.75"	11.50"	15.0"

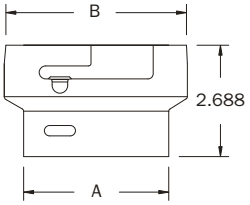
VENT CAP – MC - 14" through 30"



CAT. NO.	SIZE	A	B	C	D
14MC	14"	15"	23.25"	28.62"	5.62"
16MC	16"	17"	22.50"	30.62"	7.00"
18MC	18"	19"	24.50"	32.87"	7.00"
20MC	20"	21"	29.00"	39.00"	5.75"
22MC	22"	23"	29.50"	41.50"	8.00"
24MC	24"	25"	31.50"	43.50"	8.00"
26MC	26"	27"	35.50"	50.25"	6.00"
28MC	28"	29"	36.50"	52.25"	7.50"
30MC	30"	31"	37.00"	54.25"	7.50"

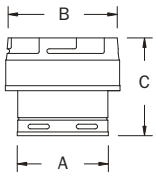
Note: 14" has positive twist lock.
16" - 30" has quick connect lock.

NO-HEIGHT INCREASER - MIN

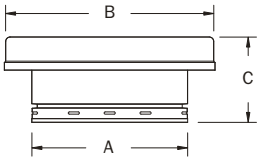


CAT. NO.	A	B
3MIN4	3”	4”
4MIN5	4”	5”
5MIN6	5”	6”

INCREASERS – MIx



4” through 14”

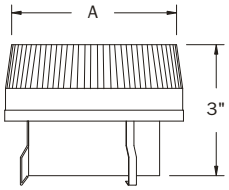


16” through 30”

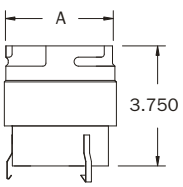
	4”-14”				16”-30”			
	A	B	C		A	B	C
CAT. NO.	SMALL END	LARGE END	HT.	CAT. NO.	SMALL END	LARGE END	HT.
3MIx5	3”	x 5”	6.5”	?MIx16	Specified	x 16”	8.5”
4MIx6	4”	x 6”	6.5”	?MIx18	Specified	x 18”	8.5”
?MIx7	Specified	x 7”	8.5”	?MIx20	Specified	x 20”	8.5”
?MIx8	Specified	x 8”	8.5”	?MIx22	Specified	x 22”	8.5”
?MIx10	Specified	x 10”	8.5”	?MIx24	Specified	x 24”	8.5”
?MIx12	Specified	x 12”	8.5”	?MIx26	Specified	x 26”	8.5”
?MIx14	Specified	x 14”	8.5”	?MIx28	Specified	x 28”	8.5”
				?MIx30	Specified	x 30”	8.5”

MOTOR HOUSING ADAPTERS

AD



MA



For connection to plastic motor housing.

CAT. NO.	A
3AD4	3.812”
3AD5	4.812”
3MA3	3.430”
3MA4	4.435”
3MA5	5.430”
4MA4	4.435”

AD With Single Wall Outlet
MA With Double Wall Outlet

METAL-FAB® INC.
THE BEST TYPE-B GAS VENT IN THE INDUSTRY

25 GREAT REASONS TO CHOOSE METAL-FAB® INC.

1 PRODUCT QUALITY

Careful design and production

2 INSTALLATION SAFETY

Hemmed casing and flue

3 EASILY ADJUSTABLE TEES & WYES

360° rotating collar at male end

4 EASILY ADJUSTABLE 90° ELBOWS

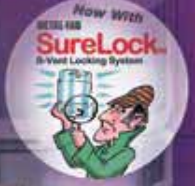
360° rotating collar, 5-piece design - EXCLUSIVE

5 EASILY ADJUSTABLE 45°/60° ELBOWS

360° rotating collar, 4-piece design - saves cost of 90° elbow

6 SURELOCK™ LOCKING SYSTEM

User friendly, secure, needs no screws



7 POSITIVE TWIST LOCK WITH STOP

Metal-Fab original design

SUPERIOR UPDRAFT

High-performance cap design, resists downdrafts

ZERO SPACE REQUIREMENT FOR INCREASERS

Zero-height design

OVAL TO MEET SPECIAL NEEDS

Complete line of oval B-Vent

FLEX CONNECTORS TO SAVE TIME

UL Listed single wall and double wall

ELIMINATE DAMAGE TO MOTOR HOUSINGS

Slip-on adapters won't damage plastic motor housings

REPAIRABILITY CUTS WASTE

If crushed into oval, can still be used

CONNECT EASILY TO OTHER BRANDS

UL Listed to mate with other specifically identified gas vent brands

FRIENDLY CUSTOMER SERVICE

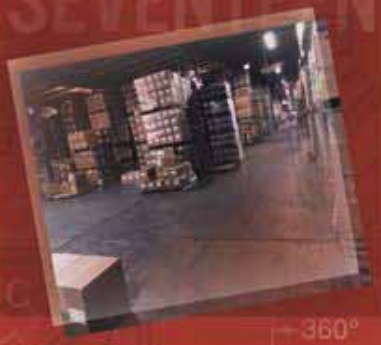
Responsive to your needs

SHIPPING IN 1-2 DAYS

Fast order processing

FASTER DELIVERY & FREIGHT SAVINGS

Regional warehouses across U.S.

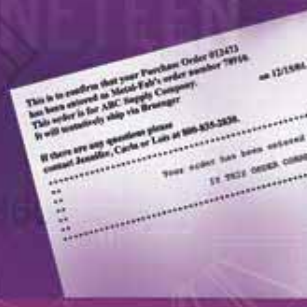


100% ORDER FILL

Eliminates bothersome backorders

FAST CONFIRMATION OF ORDERS

E-mailed order acknowledgements



CONVENIENT TRACKING OF ORDERS

E-mailed order tracking

STRETCH WRAPPED SKIDS

Load stays together

SKID STICKERS

Bar coded to correspond to skid list

SKID LISTS

Shows number of skids, items on each skid

CONVENIENT UNLOADING

Check in and warehouse-stack quickly

TECHNICAL SUPPORT

Staff to assist you

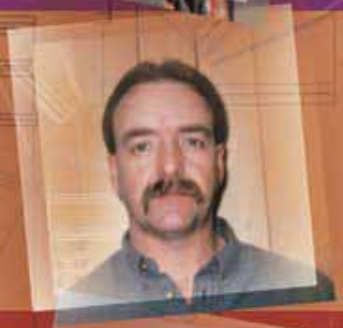
HERE'S WHAT CUSTOMERS SAY ABOUT METAL-FAB.

"If we commit to our customers that we're going to have something on a certain day, we better have it. When I send my order to Metal-Fab I get an e-mail acknowledgement that day. I know they've received my order. I can go over the acknowledgement to make sure that they have everything that's on my order. Then within a couple of days, usually within 48 hours, my order ships right out. At that time they send an e-mail giving a trucking company, a tracking number, a pro number...everything I need to track the shipment."

David Grazul | Ward Supply Company, Inc. | Rochester, New York

"Metal-Fab's double wall connector is allowing us more flexibility with remodel situations where the mechanical rooms are smaller and don't give you much room. This will give us the flexibility to go around obstacles that would be in our way. It would take several pieces (of rigid B-Vent) to get around, where now we can do it with one piece."

Rochelle "Rocky" Plante | Colorado Springs Winair | Colorado Springs, Colorado



"Getting the increaser the way we wanted it, or the way Metal-Fab came up with it, basically allowed us to go back out there and satisfy our customers' expectations."

Phil Connolly | Harry Cooper Supply Co. | Springfield, Missouri

"Metal-Fab's delivery is super, the people are honest and the people that we deal with on a daily basis are very customer-oriented. They have the best shipping schedule of any large volume supplier we deal with. We could call an order in right now and it will ship 100% no later than tomorrow. You just can't beat that."

Earl Bender | Besco Supply Company | Tulsa, Oklahoma

"Metal-Fab always delivers all the material on time, correctly, and shrink-wrapped so it's easy to unload. Their people...everyone there...is easy to work with and they're great people to do business with. Their product is excellent.

"Their new SureLock™ (B-Vent Locking System) sure has helped us out. We have these inspectors who insist on using the tiniest little screws. So now, with the SureLock in all of the new construction, the inspectors like it because it's locked in and they know that it's locked tight...with no screws required."

Fred Polaniecki | Rand Supply Co., Inc. | Alsip, Illinois

©2002 Metal-

How does your vent stack up to Metal-Fab?

Use this handy chart to evaluate your current B-Vent supplier.

	METAL-FAB	HART & COOLEY	AMERIVENT	METALBESTOS	DURA-VENT	AIR JET
1 Top Quality Product	X					
2 Hemmed Casing & Flue	X					
3 360° Adjustable Tees & Wyes	X					
4 360° Adjustable 90° Elbows	X					
5 360° Adjustable 45°/60° Elbows	X					
6 Twist Lock	X					
7 SureLock™ Locking System	X					
8 High Performance Cap	X					
9 Zero Height Increasers	X					
10 Oval Pipe	X					
11 SW & DW Flexible Connectors	X					
12 Slip-on Motor Housing Adapters	X					
13 Repairability On The Job	X					
14 Self-Adapting To Other Brands	X					
15 Friendly Customer Service	X					
16 Shipping in 1-2 Days	X					
17 Regional Warehouses	X					
18 100% Order Fill	X					
19 E-mail Order Acknowledgement	X					
20 E-mail Order Tracking	X					
21 Stretch Wrapped Skids	X					
22 Skid Stickers	X					
23 Skid Lists	X					
24 Convenient Unloading At Your Site	X					
25 Technical Support	X					

METAL-FAB® INC.

P.O. BOX 1138 • WICHITA, KANSAS 67201
(316) 943-2351 • FAX (316) 943-2717
e-mail: info@mtlfab.com • www.mtlfab.com
800-835-2830

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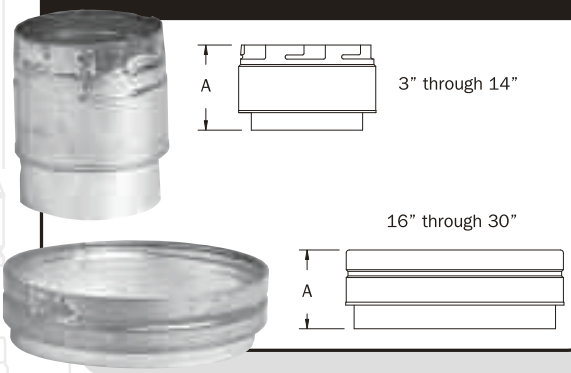
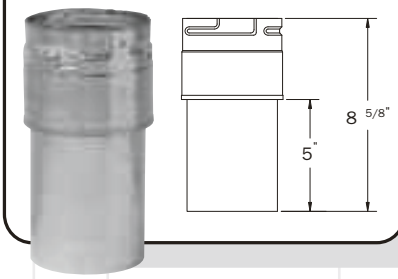
Form No. L1928-2/02

DRAFTHOOD CONNECTOR – MDC



CAT. NO.	SIZE	A	CAT. NO.	SIZE	A
3MDC	3"	4.875"	16MDC	16"	5.000"
4MDC	4"	4.875"	18MDC	18"	5.000"
5MDC	5"	4.875"	20MDC	20"	5.000"
6MDC	6"	4.875"	22MDC	22"	5.000"
7MDC	7"	4.875"	24MDC	24"	5.000"
8MDC	8"	4.875"	26MDC	26"	5.000"
10MDC	10"	4.875"	28MDC	28"	5.000"
12MDC	12"	4.875"	30MDC	30"	5.000"
14MDC	14"	4.875"			

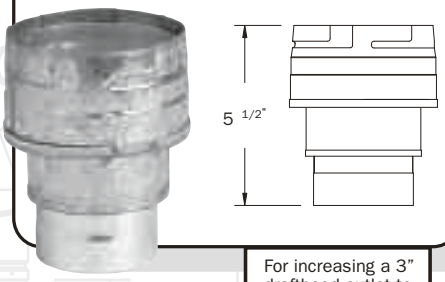
EASYOUT™ DRAFTHOOD CONNECTOR – 4MDC-CB



Connects to a furnace's internal vent elbow and exits the cabinet, where B-Vent can then be connected.

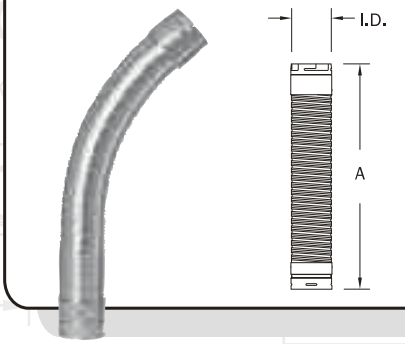
Designed for specific Carrier, Bryant and Payne gas furnaces, see spec sheet for models.

DRAFTHOOD INCREASER – 3MDC4



For increasing a 3" drafthood outlet to a 4" B-Vent outlet.

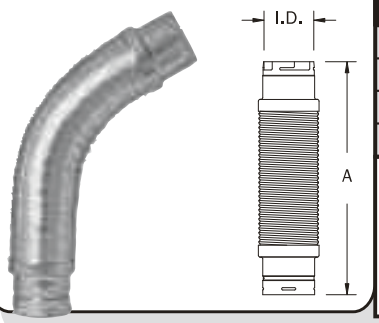
SINGLE WALL FLEX CONNECTORS MSWF - 3" through 5"



CAT. NO.	SIZE	A
MSWF03	3"	1',2',3',4',5'
MSWF04	4"	1',2',3',4',5'
MSWF05	5"	1',2',3',4',5'

For easy connection of appliance to common B-Vent.

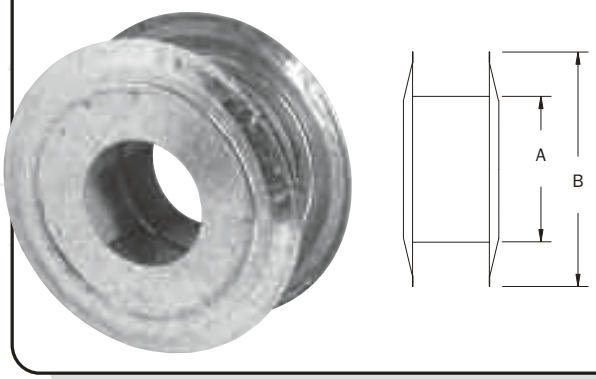
B-FLEX FLEXIBLE B-VENT MDWF - 3" through 6"



CAT. NO.	SIZE	A
MDWF03	3"	2',3',4',5'
MDWF04	4"	2',3',4',5'
MDWF05	5"	2',3',4',5'
MDWF06	6"	2',3',4',5'

Use as a connection of appliance to common B-Vent or as a segment of B-Vent except where it penetrates the structure; walls, floors, ceilings, roof.

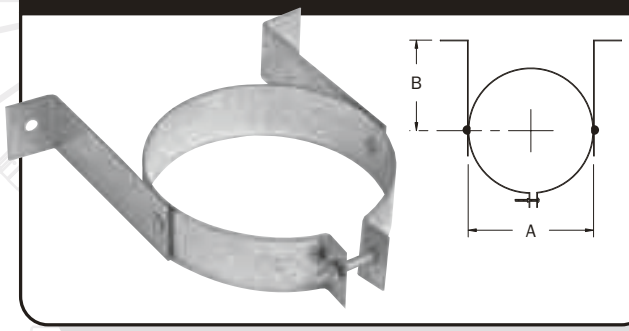
PARTITION THIMBLE – MPT - 3" through 8"



CAT. NO.	SIZE	A	B
3MPT	3"	5.6250"	9.00"
4MPT	4"	6.6875"	9.00"
5MPT	5"	7.6875"	11.00"
6MPT	6"	8.6875"	11.00"
7MPT	7"	10.1875"	13.25"
8MPT	8"	11.1875"	14.00"

Adjusts from 4.0" to 6.5" for variable wall thickness.

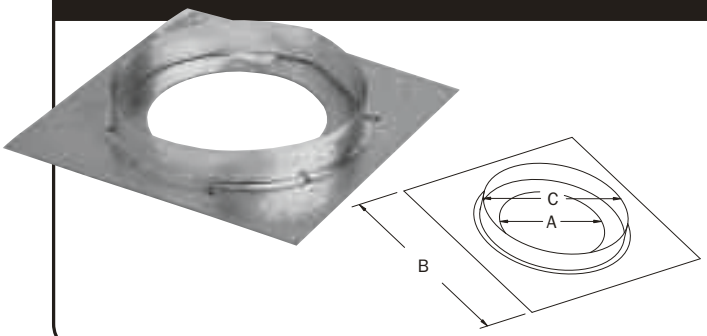
HANGER/WALL BAND – MH



CAT. NO.	SIZE	A	B
3MH	3”	3.625”	3.218”
4MH	4”	4.625”	3.718”
5MH	5”	5.625”	4.218”
6MH	6”	6.625”	4.718”

7MWB and 8MWB still available - see price sheet.

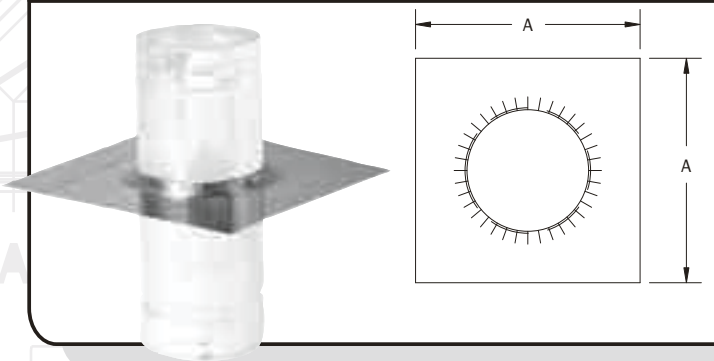
FIRESTOP – MFS



CAT. NO.	SIZE	A	B	C
3MFS	3”	3.563”	8.5”	5.5”
4MFS	4”	4.563”	8.5”	6.5”
5MFS	5”	5.563”	10.5”	7.5”
6MFS	6”	6.563”	10.5”	8.5”
7MFS	7”	8.063”	13.0”	10.0”
8MFS	8”	9.063”	13.0”	11.0”

Space ring attached to plate ensures 1” clearance to combustible.

SUREGRIP™ VENT SUPPORT PLATE - MVSP

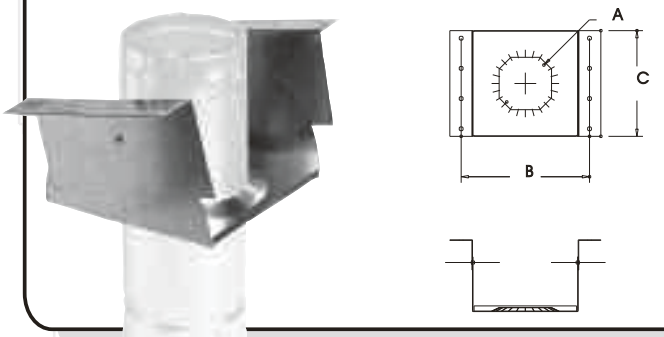


CAT. NO.	SIZE	A
2MVSP	2”	7”
3MVSP	3”	8”
4MVSP	4”	10”
5MVSP	5”	11”
6MVSP	6”	12”
7MVSP	7”	13”
8MVSP	8”	14”

The fastest, easiest way to support B-Vent where it penetrates floors and ceilings.

NOTE: Pipe not included.

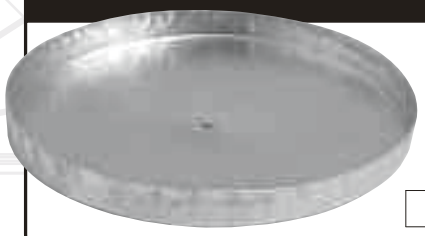
SUREGRIP™ VENT SUPPORT PLATE ADJUSTABLE - MVSPA



CAT. NO.	SIZE	A	B	C
3MVSPA	3”	3.475”	7.500”	6.000”
4MVSPA	4”	4.475”	8.500”	7.000”
5MVSPA	5”	5.448”	9.500”	8.000”
6MVSPA	6”	6.448”	10.500”	9.000”

NOTE: Pipe not included.

TEE CAP – MTC



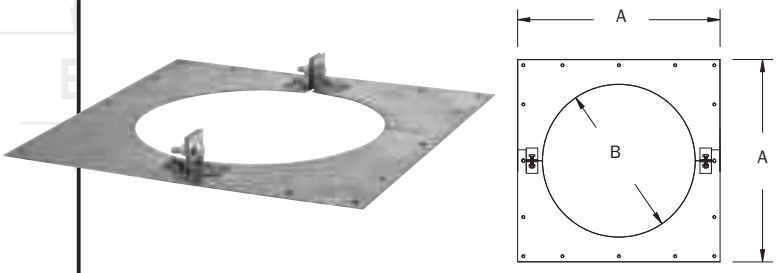
Sizes 3” through 30”.

Use to cap flue when tee has no bottom (inlet) entry.

SUPPORT PLATE – MSP

CAT. NO.	SIZE	A	B	CAT. NO.	SIZE	A	B
3MSP	3”	8.5”	17.0”	16MSP	16”	21.5”	21.5”
4MSP	4”	9.5”	17.0”	18MSP	18”	23.5”	24.0”
5MSP	5”	10.5”	17.0”	20MSP	20”	25.5”	30.0”
6MSP	6”	12.0”	17.0”	22MSP	22”	27.5”	30.0”
7MSP	7”	13.5”	17.0”	24MSP	24”	29.5”	30.0”
8MSP	8”	13.5”	17.0”	26MSP	26”	31.5”	36.0”
10MSP	10”	15.5”	17.0”	28MSP	28”	33.5”	36.0”
12MSP	12”	17.5”	21.5”	30MSP	30”	35.0”	36.0”
14MSP	14”	19.5”	21.5”				

HEAVY SUPPORT – MHS - 10” through 30”



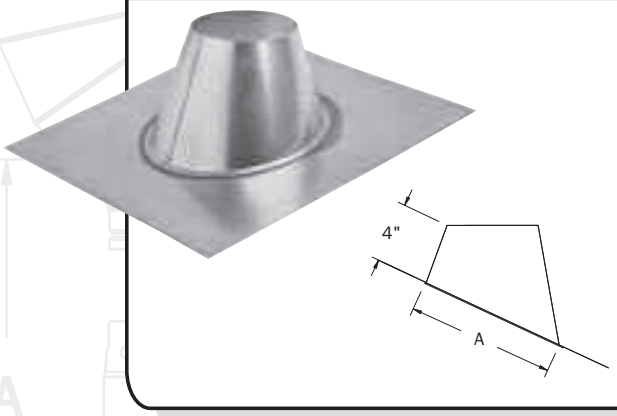
CAT. NO.	SIZE	A	B
10MHS	10”	16”	10.625”
12MHS	12”	18”	12.625”
14MHS	14”	20”	14.625”
16MHS	16”	22”	16.625”
18MHS	18”	24”	18.625”
20MHS	20”	26”	20.625”
22MHS	22”	28”	22.625”
24MHS	24”	30”	24.625”
26MHS	26”	32”	26.625”
28MHS	28”	34”	28.625”
30MHS	30”	36”	30.625”

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.

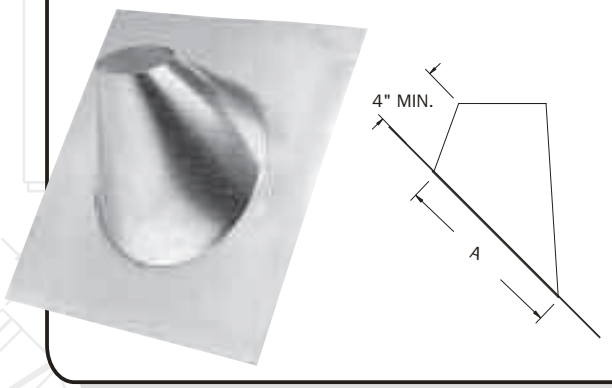
STANDARD FLASHING – MF



CAT. NO.	SIZE	A	PLATE	CAT. NO.	SIZE	A	PLATE
3MF	3"	7.500"	14.625" x 14.625"	16MF	16"	21.000"	29" x 29"
4MF	4"	7.500"	14.625" x 14.625"	18MF	18"	22.750"	32" x 32"
5MF	5"	8.250"	14.625" x 14.625"	20MF	20"	27.000"	33" x 33"
6MF	6"	9.500"	17.500" x 17.500"	22MF	22"	26.750"	35" x 35"
7MF	7"	11.000"	19.000" x 19.000"	24MF	24"	29.250"	38" x 38"
8MF	8"	12.000"	20.000" x 20.000"	26MF	26"	31.750"	40" x 40"
10MF	10"	14.625"	22.375" x 22.375"	28MF	28"	32.750"	42" x 42"
12MF	12"	16.625"	24.000" x 24.000"	30MF	30"	36.250"	45" x 45"
14MF	14"	18.750"	26.750" x 26.750"				

Fits roof pitch from 2/12 to 5/12

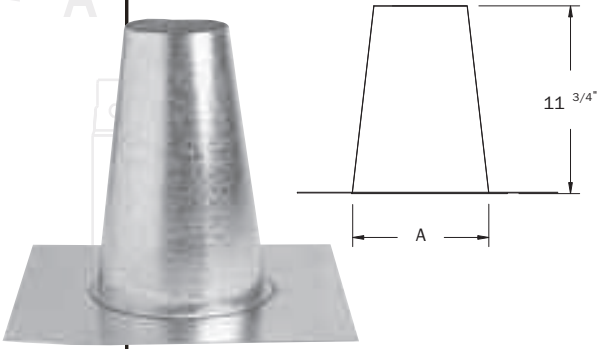
12/12 FLASHING – MF - 12



CAT. NO.	SIZE	A	PLATE
3MF-12	3"	12.000"	20" x 20"
4MF-12	4"	12.000"	20" x 20"
5MF-12	5"	12.000"	20" x 20"
6MF-12	6"	12.500"	21" x 28"
7MF-12	7"	13.000" x 18.000" Oval	21" x 28"
8MF-12	8"	13.000" x 18.000" Oval	21" x 28"

Fits roof pitch 6/12 to 12/12

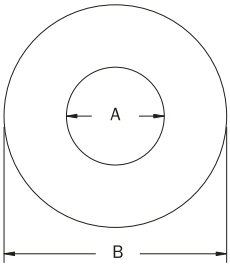
TALL CONE FLAT FLASHING – MFT



CAT. NO.	SIZE	A	PLATE	CAT. NO.	SIZE	A	PLATE
3MFT	3"	7.500"	14.625" x 14.625"	16MFT	16"	21.312"	29" x 29"
4MFT	4"	7.500"	14.625" x 14.625"	18MFT	18"	22.562"	32" x 32"
5MFT	5"	8.250"	14.625" x 14.625"	20MFT	20"	24.750"	33" x 33"
6MFT	6"	9.500"	17.500" x 17.500"	22MFT	22"	26.750"	35" x 35"
7MFT	7"	11.000"	19.000" x 19.000"	24MFT	24"	28.750"	38" x 38"
8MFT	8"	12.000"	20.000" x 20.000"	26MFT	26"	30.750"	40" x 40"
10MFT	10"	14.562"	22.375" x 22.375"	28MFT	28"	33.875"	42" x 42"
12MFT	12"	16.625"	24.000" x 24.000"	30MFT	30"	34.750"	45" x 45"
14MFT	14"	19.000"	26.750" x 26.750"				

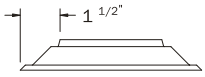
Flat roof flashing.

VENT COLLAR – MVC - 3" through 8"

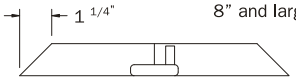


CAT. NO.	SIZE	A	B
3MVC	3"	3.5625"	8.250"
4MVC	4"	4.5625"	8.750"
5MVC	5"	5.5625"	10.125"
6MVC	6"	6.5625"	10.125"
7MVC	7"	8.0000"	13.875"
8MVC	8"	9.0000"	13.875"

STORM COLLAR – MSC



3" through 7"



8" and larger

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

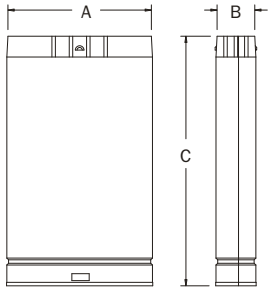
STORM COLLAR SEALANT TAPE – MST

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.

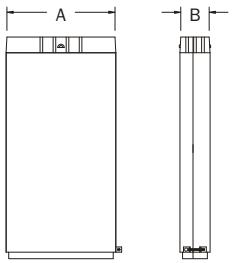
OVAL PIPE – MO - 4” through 6”



CAT. NO.	SIZE	A	B	C LENGTHS
4MO	4”	7.25”	2.500”	6”, 12”, 18”, 2’, 3’, 4’, 5’
5MO	5”	10.50”	2.875”	6”, 12”, 18”, 2’, 3’, 4’, 5’
6MO	6”	12.00”	3.250”	6”, 12”, 18”, 2’, 3’, 4’, 5’

4” & 5” oval fit 2” x 4” or 2” x 6” stud walls.
6” oval fits 2” x 6” stud wall.

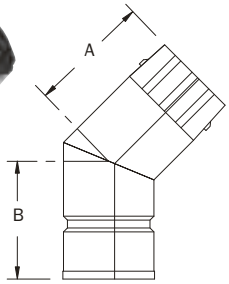
OVAL ADJUSTABLE LENGTH – MO12A



CAT. NO.	SIZE	LISTED LENGTH
4MO12A	4”	12”
5MO12A	5”	12”
6MO12A	6”	12”

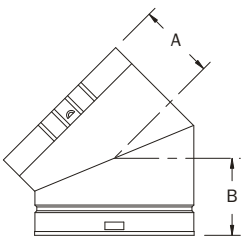
MO12A adjusts from 3” to 9”.

45˚ STANDARD FIXED ANGLE – MO45S



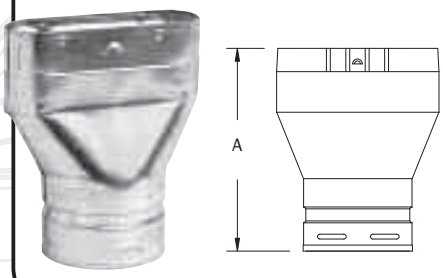
CAT. NO.	SIZE	A	B	OFFSET
4MO45S	4”	2.25”	3.75”	4.50”
5MO45S	5”	2.25”	3.75”	4.50”
6MO45S	6”	2.25”	3.75”	4.50”

45˚ FLAT FIXED ANGLE – MO45F



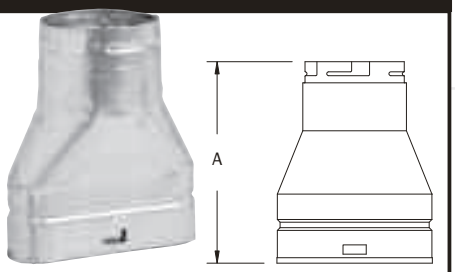
CAT. NO.	SIZE	A	B	OFFSET
4MO45F	4”	3.000”	4.750”	5.5”
5MO45F	5”	3.375”	4.875”	3.5”
6MO45F	6”	4.250”	5.500”	3.0”

ADAPTER: ROUND TO OVAL – MRO

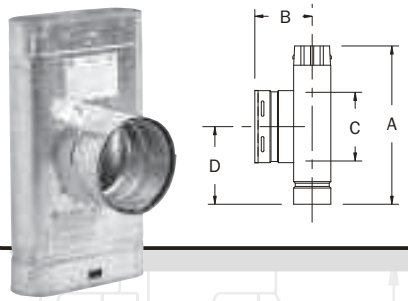


CAT. NO.	OVAL SIZE	ROUND SIZE	A	CAT. NO.
4MRO	4”	4”	8.75”	4MOR
5MRO	5”	5”	10.50”	5MOR
6MRO	6”	6”	11.50”	6MOR
6MRO5	6”	5”	11.50”	6MOR5

ADAPTER: OVAL TO ROUND – MOR

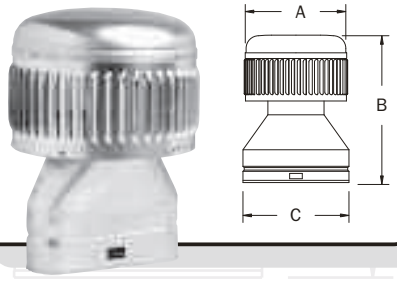


OVAL TEE – MOT



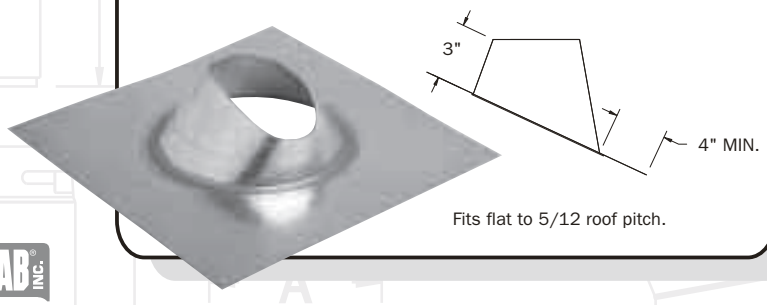
CAT. NO.	A	B	C	D
4MOT	11”	4.50”	4”	6.25”
4MOT3	11”	4.50”	3”	6.25”
5MOT	11”	4.75”	5”	6.25”
6MOT	11”	5.00”	6”	6.25”

OVAL VENT CAP – MOC



CAT. NO.	SIZE	A	B	C
4MOC	4”	8.25”	11.5625”	7.5”
5MOC	5”	10.00”	14.6250”	10.5”
6MOC	6”	12.00”	16.0000”	12.0”

OVAL ADJUSTABLE ROOF FLASHING – MOF

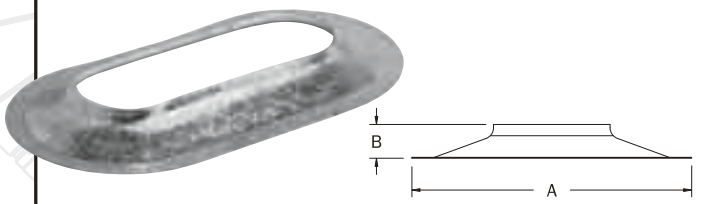


Fits flat to 5/12 roof pitch.

CAT. NO.	SIZE
4MOF	4”
5MOF	5”
6MOF	6”

TYPE - B GAS VENT - OVAL PIPE & FITTINGS

OVAL STORM COLLAR – MOSC



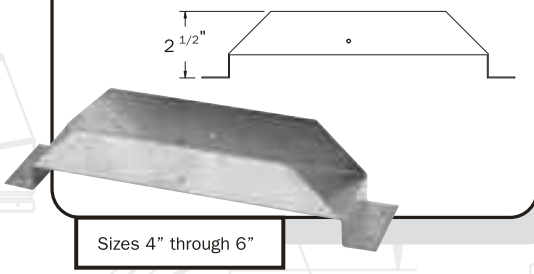
CAT. NO.	SIZES	A	B
4MOSC	4"	10.875"	0.75"
5MOSC	5"	13.500"	1.50"
6MOSC	6"	15.125"	1.50"

OVAL TEE CAP – MOTC

CAT. NO.
4MOTC
5MOTC
6MOTC

Sizes 4" through 6"
Use to cap flue when tee has no bottom (inlet) entry.

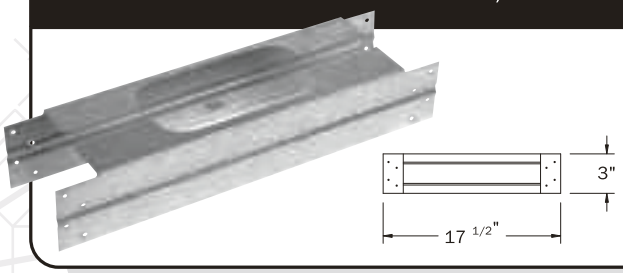
OVAL TEE SUPPORT – MOTS



CAT. NO.
4MOTS
5MOTS
6MOTS

Sizes 4" through 6"

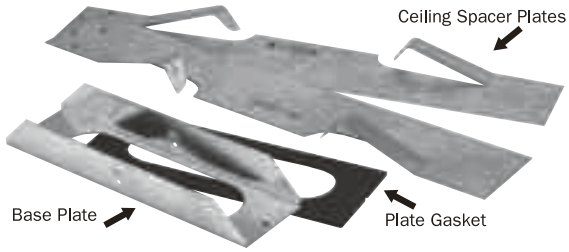
OVAL FIRESTOP SPACERS – MOFS, MOFS6



CAT. NO.	CAT. NO.
4MOFS	4MOFS6
5MOFS	5MOFS6
6MOFS	

Sizes 4" through 6"
Fits space between studs 16" on center.
Note: Model MOFS6 is for 2" x 6" stud wall.

BW INSTALLATION KIT – MOK - 4" ONLY



CAT. NO.
4MOK

Kit Includes:
- 4CPS Ceiling Spacer Plates (2)
- 4BP Base Plate (1)
- Gasket (1)

For venting recessed wall heaters. The installation kit adapts 4" MO pipe for use with wall furnaces.

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