

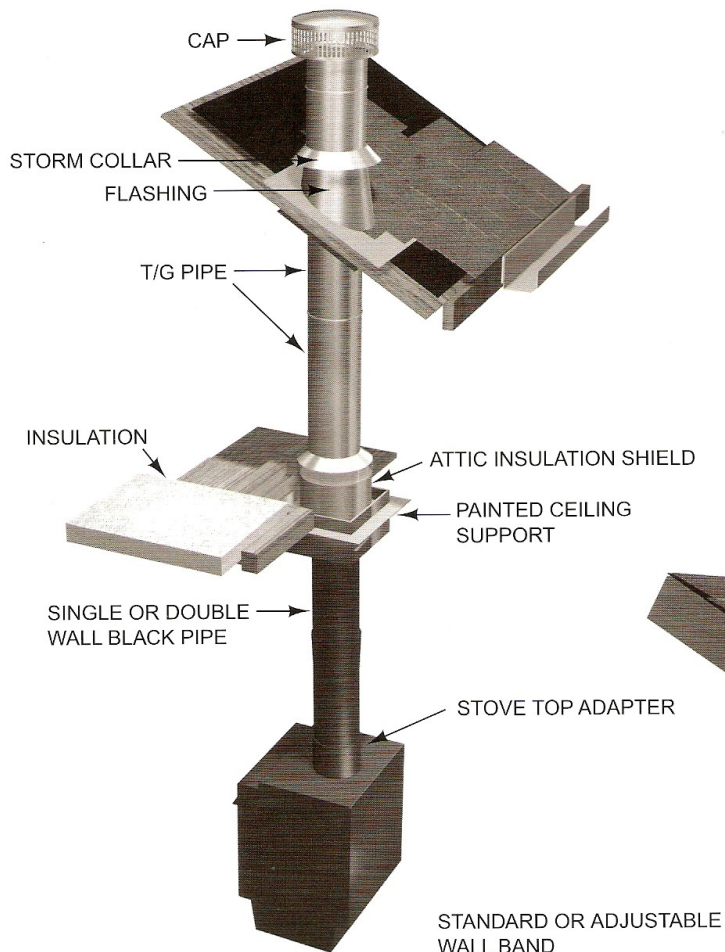


METAL-FAB INC.

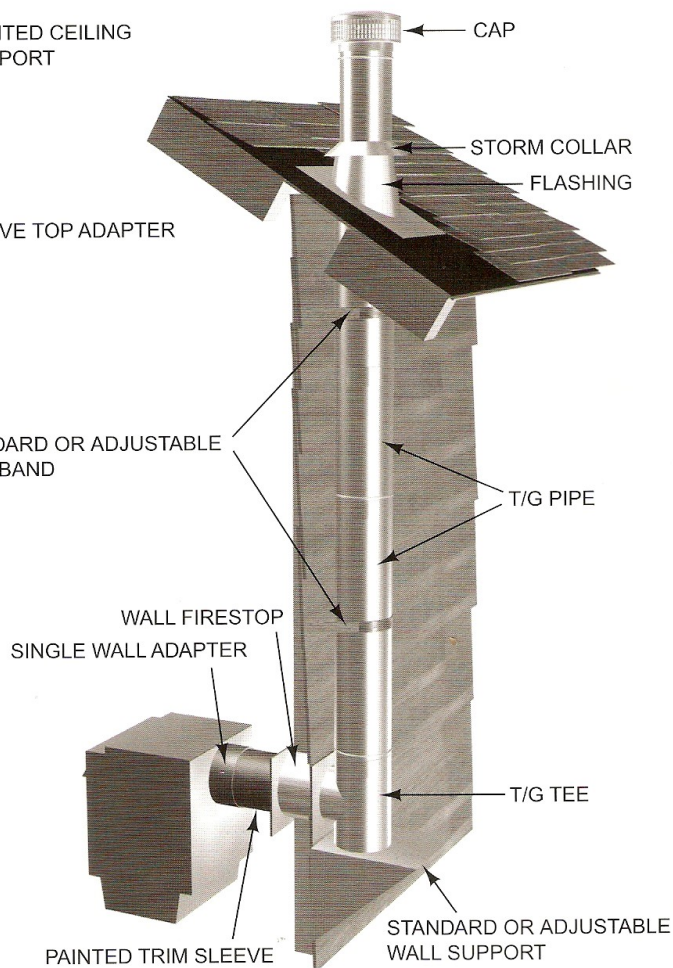
SOLID FUEL PRODUCTS
TEMP/GUARD® CHIMNEY • BLACK STOVE PIPE

FOR USE WITH WOOD, COAL, OIL OR GAS-FIRED APPLIANCES

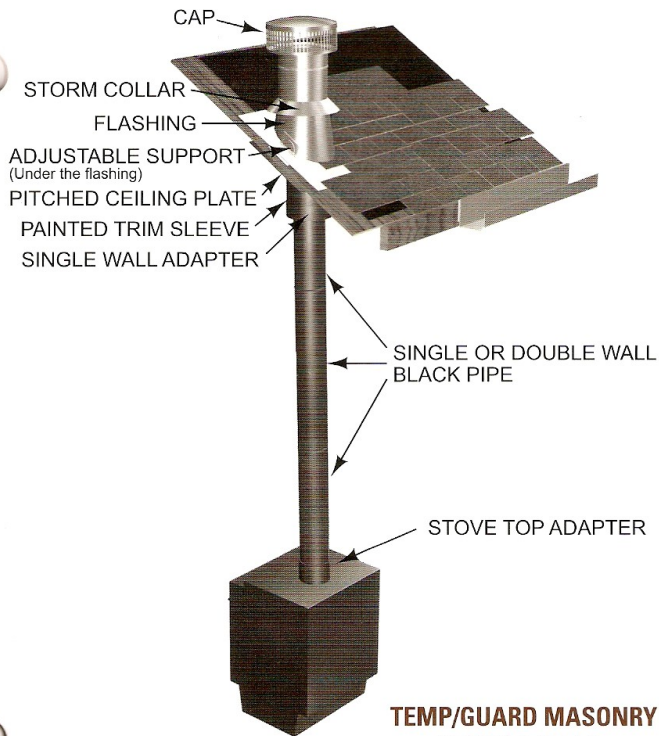
TEMP/GUARD INTERIOR - NO OFFSET



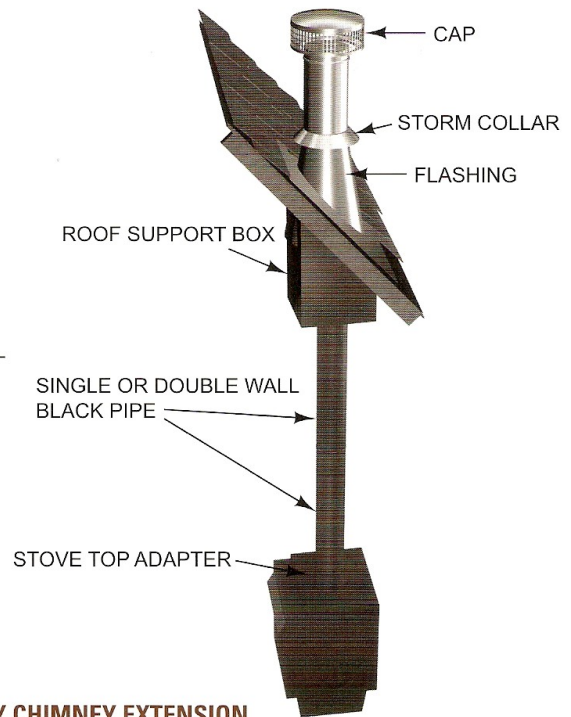
TEMP/GUARD EXTERIOR



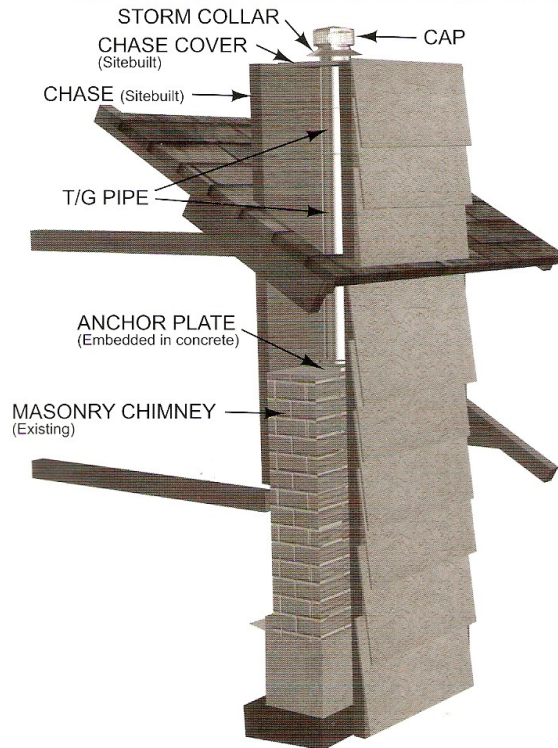
TEMP/GUARD PITCHED CEILING



TEMP/GUARD HIGH-PITCHED CATHEDRAL CEILING



TEMP/GUARD MASONRY CHIMNEY EXTENSION



Note: Twist Lock Pipe (6"-12") overlaps 1½" when joined together. Therefore, assembled length is 1½" less than listed length.

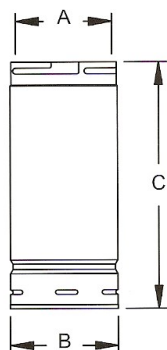
Temp/Guard® All-Fuel Chimneys

Double-wall, factory-built type for use with listed wood, coal, oil or gas-fired appliances.

- Temp/Guard Max! is the only all-fuel chimney that is UL Listed for 1½" clearance to combustibles on 6", 7" and 8" diameters.
- Sizes 6", 7", 8", 10", 12" and 14" are listed by Underwriters Laboratories Inc. to UL Standard 103HT (2100° intermittent; 1000° continuous).
- Sizes 16" and 18" are listed by Underwriters Laboratories Inc. to UL Standard 103 (1700° intermittent; 1000° continuous).
- The S.S. flue conduit is wrapped with ceramic insulating material.
- Temp/Guard is tested and listed for a minimum clearance to combustibles of 2".

- **Application Reminder:** For oil or coal burning appliances, use only pipe with S.S. casing and S.S. or Aluminum accessory components outside the envelope of the building.
- **Appliance Caution:** Temp/Guard is intended for use in residential and building heating appliances that operate at continuous temperatures below 1000°.

CHIMNEY PIPE – 6" - 12" TGS (Stainless casing) and TGG (Galvanized casing)

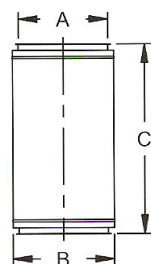


SIZE	6"	7"	8"	10"	12"
A	6	7	8	10	12
B	9	10	11	13	15
C	6, 12, 18, 24, 36, and 48* inch lengths				

*48" lengths of 10" and 12" not available

The outer casing of stainless or galvanized provides strength, durability, and corrosion resistance. Twist lock enables fast, easy installation, without tools. **Always use TGS for exterior pipe in oil applications.**

CHIMNEY PIPE – 14" - 18" TG (Aluminized Outer Casing)



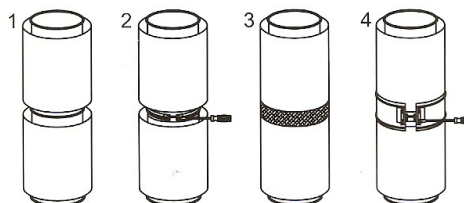
SIZE	14"	16"	18"
A	14	16	18
B	18	20	22
C	9, 18, 30, and 42 inch lengths		

Notes:

- (1) 14" listed to 2100° intermittent; 1000° continuous
- (2) 16" & 18" listed to 1700° intermittent; 1000° continuous

For the 14", 16", and 18" diameters, the flues are installed flange to flange (diagram 1); retained by securing a flange band over the mating flanges (diagram 2); wrapped at the joints with insulation (diagram 3); and covered by a closure band (diagram 4).

Diagrams:



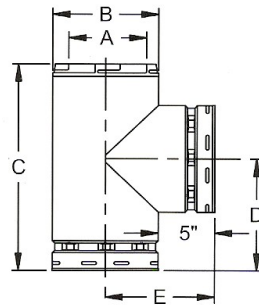
FLANGE BAND

CLOSURE BAND

Note: Twist Lock Pipe overlaps 1½" when joined together.
Therefore, assembled length is 1½" less than listed length.

INSULATED TEE – 6" - 8" TGST (Stainless casing) and TGGT (Galvanized casing)

10" - 12" Galvanized Casing Only

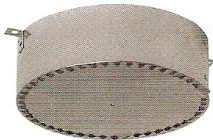


Note: Insulated Tee – 14" - 18" (not available).
14", 16", and 18" components are intended
for use on chimney extensions only.

SIZE	6"	7"	8"	10"	12"
A	6.0	7.0	8.0	10.0	12.0
B	9.0	10.0	11.0	13.0	15.0
C	17.5	18.5	19.5	21.5	23.5
D	9.5	10.0	10.5	11.5	12.5
E	9.5	10.0	10.5	11.5	12.5

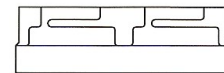
The chimney tee may be used to support the chimney indoors or outdoors on the non-combustible wall support or masonry pier. A standard tee cap (TGTC) ships with the tee.

TEE CAP – 6" - 12" TGTC



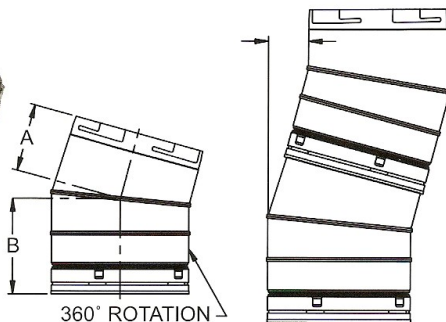
Ships with 6" - 12" tee, or
may be ordered separately.

INSULATED TEE CAP – 6" - 12" TGITC



For installations close to combustibles, this insulated tee cap may be ordered separately. Not for use on a tee support.

15° ANGLE – 6" - 12" TGSA15 (Stainless casing) and TGA15 (Galvanized casing)

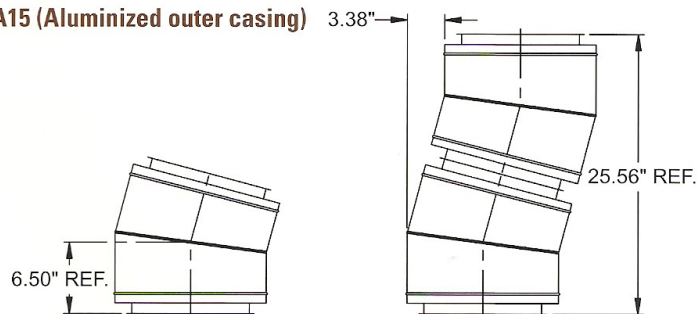


SIZE	6"	7"	8"	10"	12"
A	3.75	3.75	3.75	3.75	3.75
B	6.38	6.38	6.38	6.38	6.38

15° angles are used in pairs to obtain lateral movement around obstructions or to locate the chimney closer to the ridge.

*15° angles in 10" and 12" available with galvanized outer jacket only.

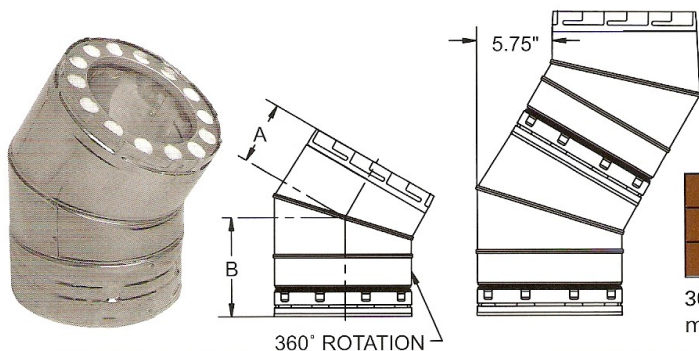
15° ANGLE – 14" - 18" TGA15 (Aluminized outer casing)



TEMP/ GUARD® FITTINGS AND SUPPORTS

Note: Twist Lock Pipe overlaps $1\frac{1}{2}$ " when joined together. Therefore, assembled length is $1\frac{1}{2}$ " less than listed length.

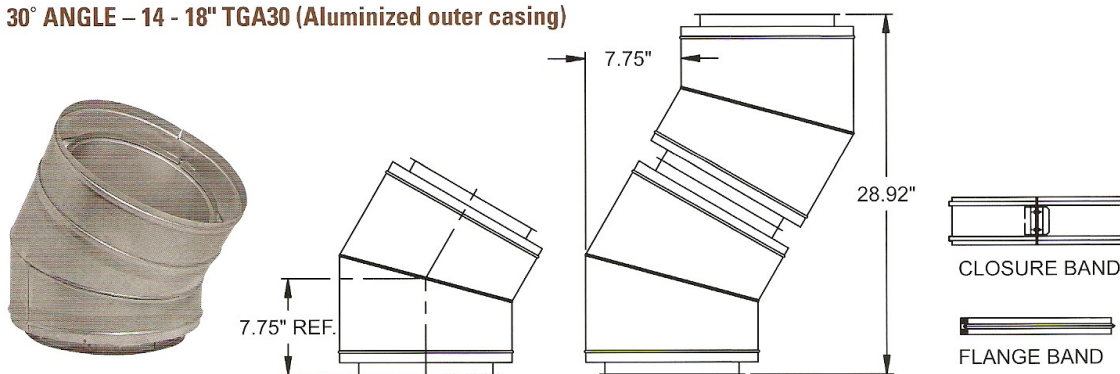
30° ANGLE – 6" - 12" TGSA30 (Stainless) and TGA30 (Galvanized)



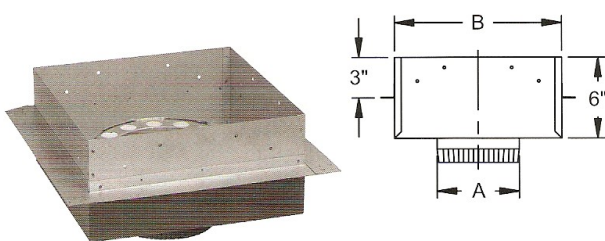
SIZE	6"	7"	8"	10"	12"
A	4.75	4.75	4.75	4.75	4.75
B	6.75	6.75	6.75	6.75	6.75

30° angles are used in pairs to obtain lateral movement where more angle is required.

30° ANGLE – 14 - 18" TGA30 (Aluminized outer casing)



PAINTED CEILING SUPPORT – TGCSP

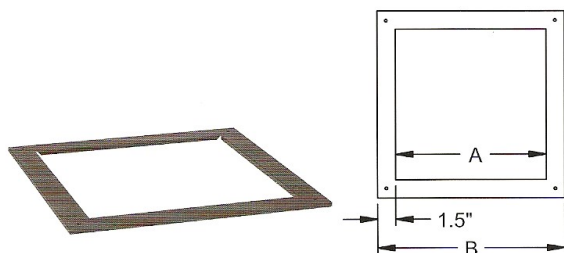


SIZE	6"	7"	8"	10"	12"
A	6.00	7.00	8.00	10.00	12.00
B	12.44	13.44	14.44	17.00	19.00

Flange Width is $1\frac{1}{2}$ "

The black ceiling support is designed to support the chimney from the floor or ceiling joists. 6", 7", and 8" chimney fits between 16" O.C. joists with required clearance. Single wall adapter is part of support assembly.

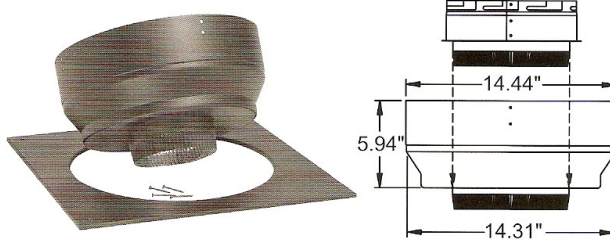
PAINTED CEILING SUPPORT TRIM – TGCST



SIZE	6"	7"	8"	10"	12"
A	12.63	13.63	14.63	17.19	19.19
B	15.63	16.63	17.63	20.19	22.19

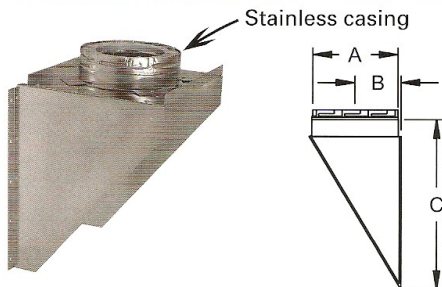
The black trim piece is used to trim off the ceiling support (TGCSP) if ceiling drywall has covered the built-in support box trim on new construction.

DELUXE CEILING SUPPORT – TGDLS



The deluxe support provides round "barrel" design. The "barrel" has Temp/Guard pipe adapter built into it. Comes with both round and square trim plates. (square plate shown)

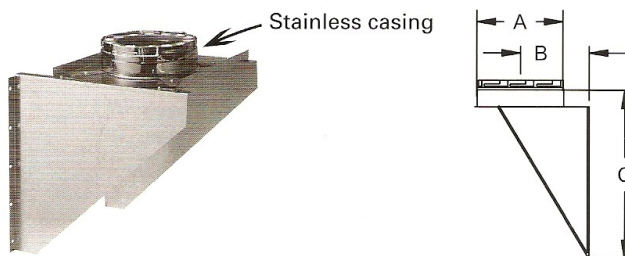
WALL SUPPORT/ADAPTER – FIXED – TGWS



SIZE	6"	7"	8"	10"	12"
A	9.0	10.0	11.0	13.0	15.0
B	6.5	7.0	7.5	8.5	9.5
C	17.5	17.5	17.5	17.5	17.5

Note: Mounting spacing is 16" O.C. for all sizes. This fixed spacing wall support is designed for use with the insulated tee to provide support for the chimney which has a lateral connection passing through the combustible wall. Support allows access from below to tee cap. The maximum height of chimney which may be supported is 60 ft.

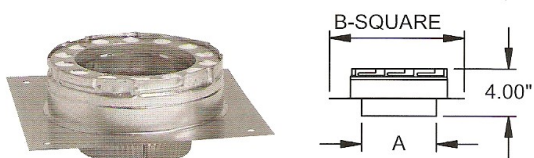
WALL SUPPORT/ADAPTER – ADJUSTABLE – TGAWS



SIZE	6"	7"	8"
A	9.00	10.00	11.00
B	5.00-11.00	5.50-11.50	7.50-13.50
C	17.50	17.50	17.50

The adjustable support enables adjustments in clearance to combustibles from 2" - 6".

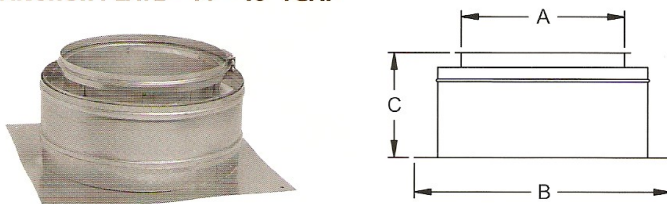
ANCHOR PLATE – 6" - 12" TGAP



SIZE	6"	7"	8"	10"	12"
A	6	7	8	10	12
B	12	13	14	16	18

The stainless steel anchor plate provides a positive connection to the smoke chamber on top of the masonry fireplace. 6" - 12" also used with chimney tee on masonry pier.

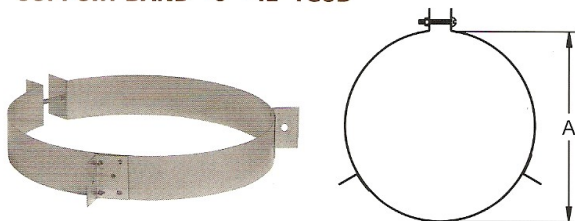
ANCHOR PLATE – 14" - 18" TGAP



SIZE	14"	16"	18"
A	14	16	18
B	22	24	26
C	9	9	9

TEMP/GUARD® SUPPORTS

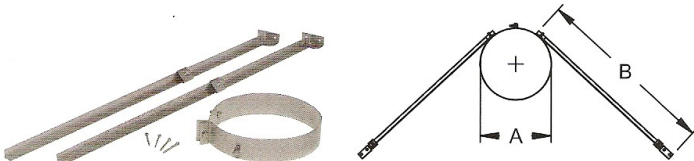
SUPPORT BAND – 6" - 12" TGSB



SIZE	6"	7"	8"	10"	12"
A	9	10	11	13	15

The support band is for use on installations where additional support is needed above the roof. Thin wall conduit or guy wire is to be attached to the band.

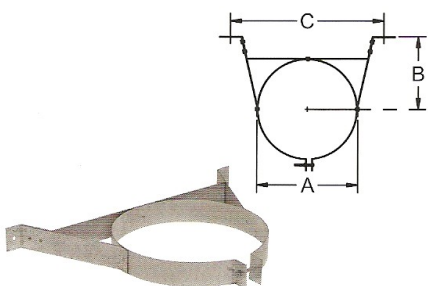
ROOF BRACE – 6" - 8" TGRB



SIZE	6"	7"	8"
A	9	10	11
B	Adjustable from 32" to 60"		

The roof brace kit includes support band, two braces, and mounting feet. Needed when more than 4 ft. of chimney extends above the roof.

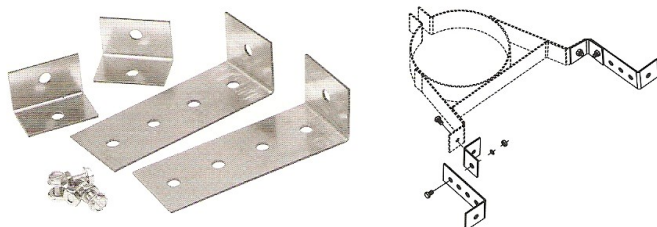
WALL BAND – 6" - 18" TGWB



SIZE	6"	7"	8"	10"	12"	14"	16"	18"
A	9.0	10.0	11.0	13.0	15.0	18.0	20.0	22.0
B	6.5	7.0	7.5	8.5	9.5	11.0	12.0	13.0
C	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0

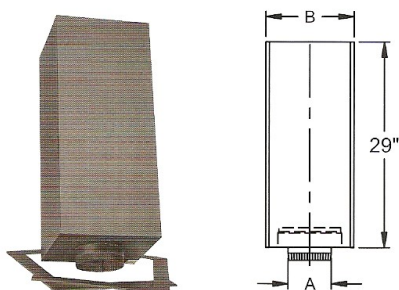
The wall band is used to secure the chimney to the wall, providing lateral stability and maintaining the proper clearance for the chimney pipe. The recommended spacing is 8 ft. between bands above the starting point.

WALL BAND ADJUSTMENT KIT – TGWBA – KIT FITS 6", 7" AND 8"



Enables adjustment of standard wall band (TGWB) from 2" - 6"

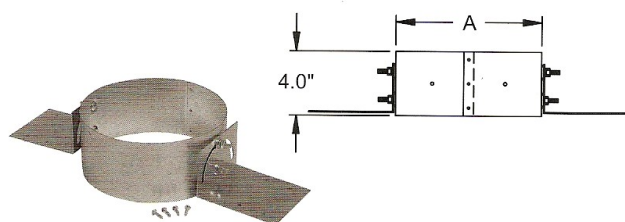
ROOF SUPPORT W/TRIM – 6" - 12" TGRS



PIPE SIZE	6"	7"	8"	10"	12"
A	6.00	7.00	8.00	10.00	12.00
B	12.44	13.44	14.44	17.00	19.00

For use on open beamed pitched roofs or ceilings. Includes trim pieces for finishing out installation. Also includes integral single wall adapter. Will support 20 ft. of pipe.

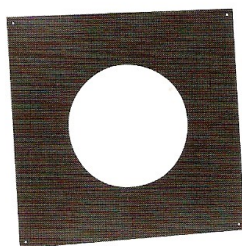
ADJUSTABLE SUPPORT – 6" - 12" TGAS



SIZE	6"	7"	8"	10"	12"
A	9.1	10.1	11.1	13.1	15.1

Adjustable support fits all roof pitches and requires only simple framing. Can support 30 ft. of pipe. Trim with pitched ceiling plate of correct pitch.

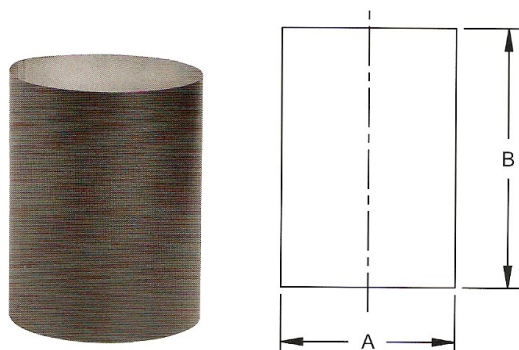
PITCHED CEILING PLATE – 6" - 8" TGPCP



Used when pipe is supported by the TGAS. The oval I.D. of this plate covers any gap left between the chimney pipe and the ceiling. Select the plate which corresponds with the ceiling pitch. I.D. sized to fit over trim sleeve (TGTS).

Available pitches:
2/12; 4/12; 6/12; 8/12; & 10/12

PAINTED TRIM SLEEVE – 6" - 8" TGTS

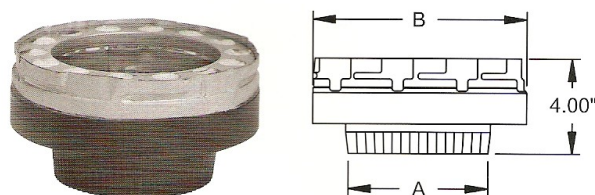


SIZE	6"	7"	8"
A	9.06	10.06	11.06
B	12.00	12.00	12.00

This cylinder slides over O.D. of TG pipe that protrudes through the wall or ceiling. It provides a uniform, finished appearance.

SINGLE WALL ADAPTER – 6" - 8" TGPSWA (painted) & 10" - 12" TGSWA (unpainted)

Also used as double wall black adapter.

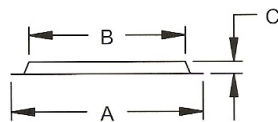
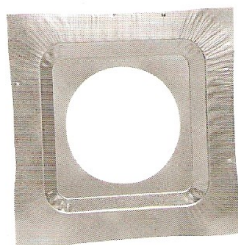


SIZE	6"	7"	8"	10"	12"
A	6	7	8	10	12
B	9	10	11	13	15

The single wall adapter is used to provide transition from single wall pipe to Temp/Guard chimney pipe.

*10" & 12" are unpainted.

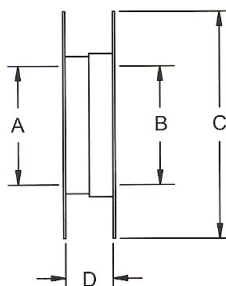
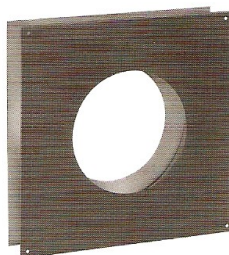
FIRESTOP ASSEMBLY – TGFSA



SIZE	6"	7"	8"	10"	12"	14"	16"	18"
A	17.63	17.63	18.63	21.00	23.00	26.00	28.00	30.00
B	10.94	11.94	12.94	16.94	18.94	22.00	N/A*	N/A*
C	1.00	1.00	1.00	1.00	1.00	1.00	N/A*	N/A*

*Not Applicable

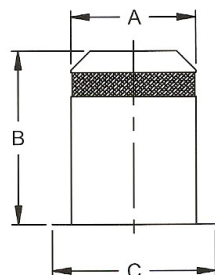
WALL FIRESTOP – 6" - 12" TGFSP



SIZE	6"	7"	8"	10"	12"
A	9.13	10.13	11.13	13.13	15.13
B	9.13	10.13	11.13	13.13	15.13
C	17.00	18.00	19.00	21.00	23.00
D	4.00 to 7.50				

Wall firestop is used to provide the proper clearance for the chimney pipe when passing through a combustible wall.

INSULATION SHIELD – 6" - 12" TGIS

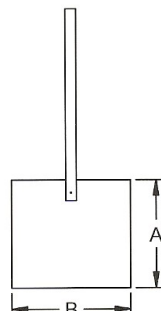


SIZE	6"	7"	8"	10"	12"
A	13	14	15	17	19
B	18	18	18	18	18
C	17	18	19	21	23

Insulation shield must be used anytime the chimney system passes through an attic. TGIS is used to prevent the insulation from coming in contact with the pipe. This part is required on **any** attic pass-through situation, regardless if insulation is present or not.

Note: 14" - 18" insulation shield is not available, since attic installation is not intended for these size.

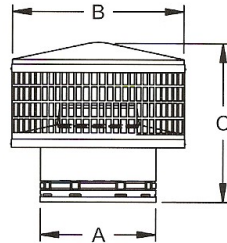
RADIATION SHIELD – 12" - 18" TGRSH



SIZE	12"	14"	16"	18"
A	17	20	22	24
B	10	10	10	10

Radiation shield is required when 12" and larger diameter chimney pipe passes through a roof.

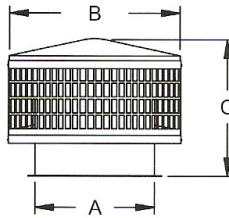
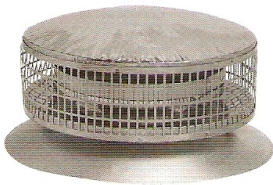
STAINLESS CAP/SPARK ARRESTER – 6" - 12" TGC



SIZE	6"	7"	8"	10"	12"
A	9.00	10.00	11.00	13.00	15.00
B	13.50	13.50	15.50	19.13	19.13
C	11.50	11.50	11.50	11.50	11.50

The contemporary spark arrester cap also guards against rain, snow and down drafts, and helps provide proper venting action.

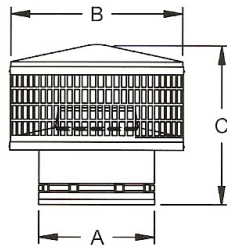
STAINLESS CAP/ SPARK ARRESTER – 14" - 18" TGC



SIZE	14"	16"	18"
A	14.00	16.00	18.00
B	19.13	21.00	24.00
C	13.50	13.00	13.00

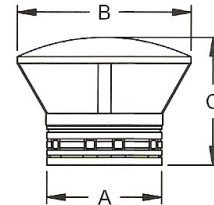
STAINLESS DETACHABLE CAP* – 6" - 8" TGDC

*Contact Factory For Availability



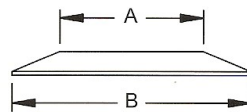
This cap is similar to TGC, but is produced without twist locking buttons. Cap slips onto pipe and is attached with packaged screws. Easily removed for cleaning. See TGC size chart.

STAINLESS CAP (RAIN CAP) – 6" - 12" TGRC



SIZE	6"	7"	8"	10"	12"
A	9.00	10.00	11.00	13.00	15.00
B	13.50	13.50	15.50	19.13	19.13
C	9.88	9.88	9.88	9.88	9.88

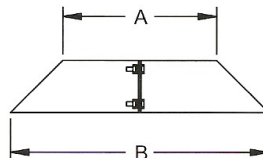
STORM COLLAR – 6" - 8" TGSC and TGASC (Aluminum) 10" - 12" TGSC and TGASC (Stainless)



SIZE	6"	7"	8"	10"	12"
A	9	10	11	13	15
B	15	16	17	19	21

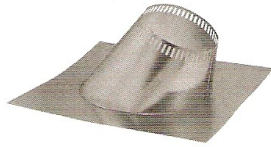
NOTE: Also available in aluminum in 6", 7" and 8", and stainless in 10" and 12". These materials are recommended for oil and coal applications.

STORM COLLAR – 14" - 18" TGSC

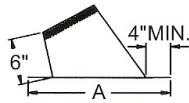


SIZE	14"	16"	18"
A	18.00	20.00	22.00
B	25.75	27.75	29.75

PITCHED ROOF FLASHINGS



FLASHING –
TGF or TGAF
Fits roof pitch
from 2/12 to 5/12.



SIZE	A
6"	22.250
7"	24.000
8"	24.000
10"	26.750
12"	29.000

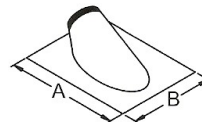
Note: Aluminum option is recommended for oil and coal applications.

FLASHING –
TGF10 or TGAF10
Fits roof pitch
from 6/12 to 10/12.



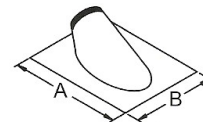
SIZE	A	B
6"	28.50	23.50
8"	30.75	25.25
*10"	35.35	28.75
*12"	37.50	30.25

FLASHING –
TGF15 or TGAF15
Fits roof pitch from
11/12 to 15/12.



SIZE	A	B
6"	28.88	21.00
7"	30.50	22.00
8"	35.75	28.50
*10"	38.40	27.00
*12"	41.60	29.00

FLASHING –
TGF24 or TGAF24
Fits roof pitch from
16/12 to 24/12.

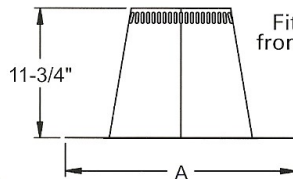
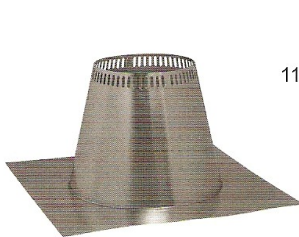


SIZE	A	B
6"	38.00	23.00
8"	43.50	25.70

*Available in galvanized only.

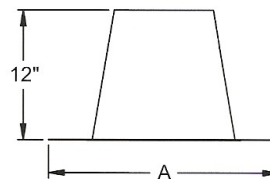
FLAT ROOF FLASHINGS

FLATTALL CONE FLASHING –
6" - 8" TGFT OR TGAFT
10" - 12" TGFT



Fits roof pitch
from 0/12 to 2/12

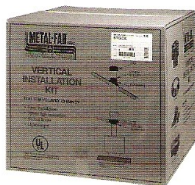
FLATTALL CONE FLASHING –
14" - 18" TGFT



SIZE	A
6"	22.250
7"	24.000
8"	24.000
10"	26.750
12"	29.000
14"	32.000
16"	34.000
18"	36.000

NOTE: In 6" - 8" aluminum option material is recommended for oil and coal applications.

INSTALLATION KITS



VERTICAL INSTALLATION KIT (without pipe)

TGCK (Galvanized only)
Available in 6", 7" & 8" sizes.
Includes:

- TGC Cap
- TGF Flashing
- TGSC Storm Collar
- TGCSP Painted Ceiling Support

VERTICAL INSTALLATION KIT (with pipe)

TGGCK5 (Galvanized)
or TGCK5 (Stainless)
Available in 6" & 8" sizes.
Includes:

- TGC Cap
- TGF Flashing
- TGSC Storm Collar
- TGCSP Painted Ceiling Support
- 36" Length of Pipe
- 24" Length of Pipe

THROUGH THE WALL INSTALLATION KIT

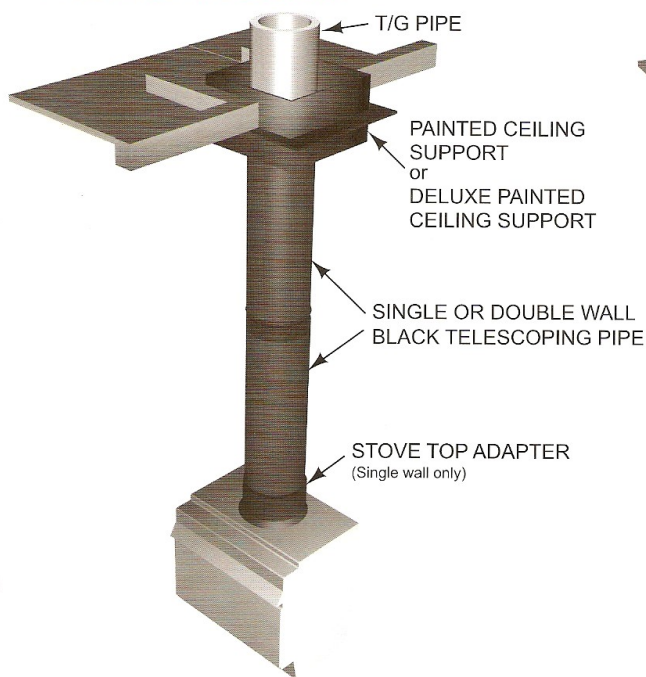
TGGTWK (Galvanized)
or TGTWK (Stainless)
Available in 6" and 8" sizes.
Includes:

- TGC Cap
- TGF Flashing
- TGSC Storm Collar
- 2 TGWB Wall Bands
- Insulated Tee/Cap
- TGWS Wall Support/Adapter
- TGWFSP Wall Firestop
- 6" Length of Pipe
- TGPSWA Single Wall Adapter

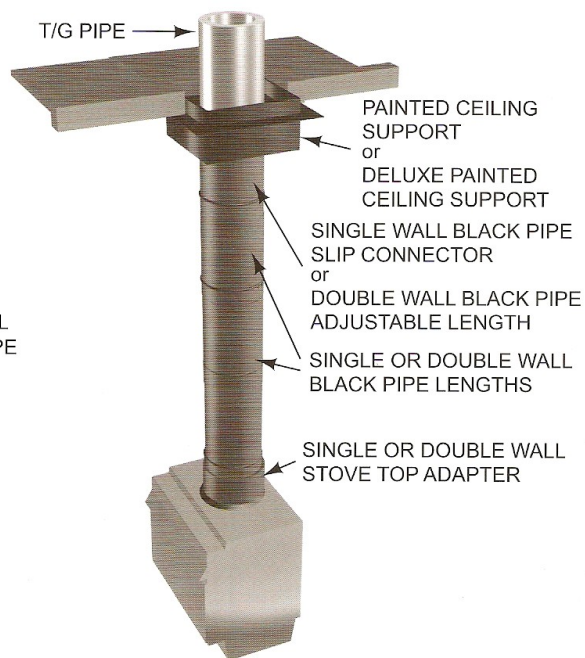
Painted Flat-Matte Black Stovepipe Single Wall and Double Wall

- The perfect companion to Temp/Guard Chimney.
- Double Wall Warnock Hersey tested to UL 103 with 6" clearance to combustibles.
- Single Wall Stovepipe and the casing of Double Wall Stovepipe are made of heavy-duty 24-gauge steel.

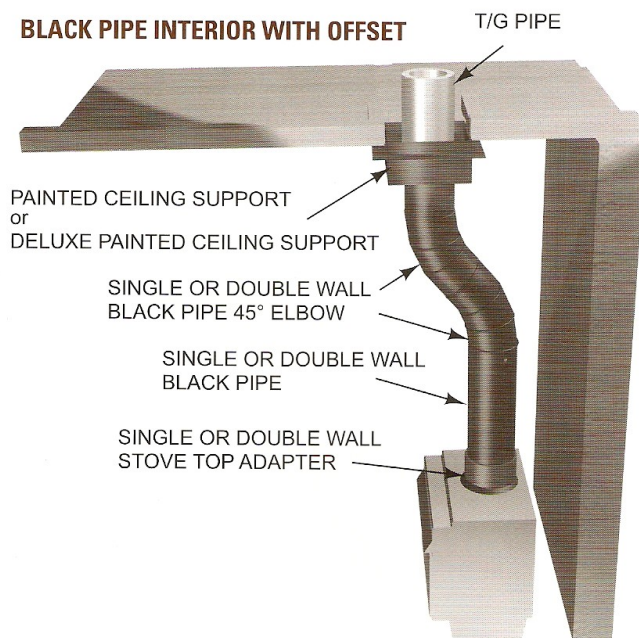
BLACK PIPE – TELESCOPING PIPE SECTIONS



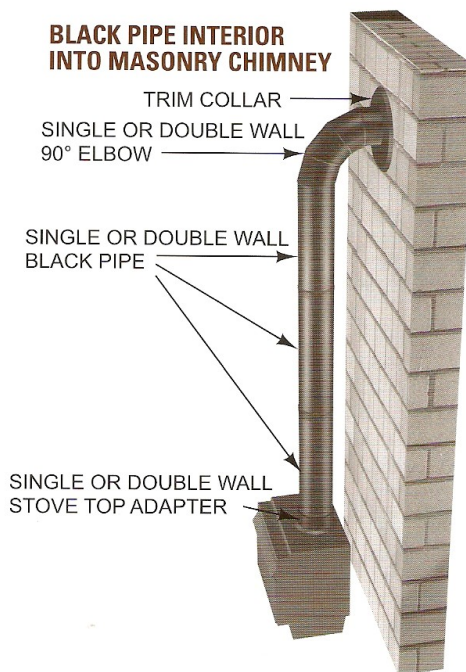
BLACK PIPE – RIGID PIPE SECTIONS



BLACK PIPE INTERIOR WITH OFFSET



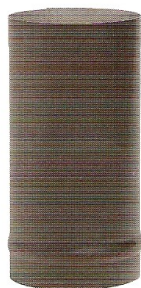
BLACK PIPE INTERIOR INTO MASONRY CHIMNEY



SINGLE WALL BLACK STOVEPIPE

Note: Pipe overlaps 1" when joined together. Therefore, assembled length is 1" less than listed length.

PIPE SECTION – SW



DIA.	LENGTHS		
	12"	24"	48"
6"	X	X	X
7"	X	X	
8"	X	X	X

TELESCOPING LENGTH – SWTL



DIA.	MODEL TL48		MODEL TL66	
	MIN L	MAX L	MIN L	MAX L
6"	26	48	36	66
7"	26	48	36	66
8"	26	48	36	66

SLIP CONNECTOR – SW 14S



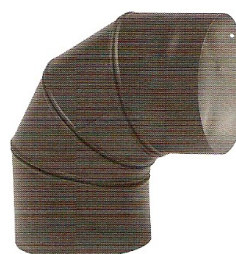
DIA.	LENGTH
6"	14
7"	14
8"	14

45° ELBOW – SW45



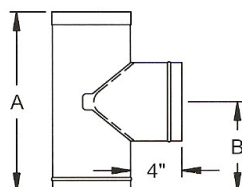
DIA.
6
8

90° ELBOW – SW90



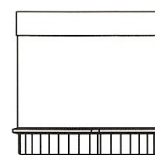
DIA.
6
7
8

TEE W/TEE CAP – SWT



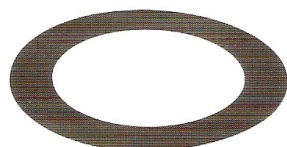
DIA.	A	B
6"	14	7
8"	16	8

STOVE TOP ADAPTER – SWA1



DIA.	LENGTH
6"	5.375
7"	5.375
8"	5.375

TRIM COLLAR – SWTC



DIA.
6
8

INCREASER – SWI8



DIA.	LENGTH
6" to 8"	4.38
7" to 8"	3.75

DOUBLE WALL BLACK STOVEPIPE

Note: Pipe overlaps 1½" when joined together. Therefore, assembled length is 1½" less than listed length.

PIPE SECTION – DWB



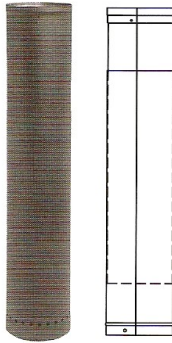
DIA.	LENGTHS			OD
	12"	24"	48"	
6"	X	X	X	7
8"	X	X	X	9

ADJUSTABLE LENGTHS – DWB8A & 18A



DIA.	MODEL 8A		MODEL 18A	
	MIN L	MAX L	MIN L	MAX L
6"	3	6	6	16
8"	3	6	6	16

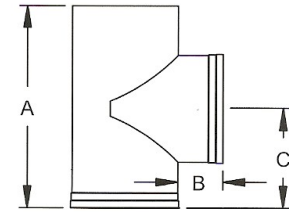
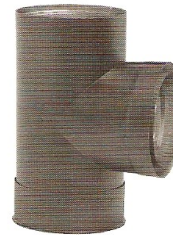
TELESCOPING LENGTH – DWBTL



DIA.	MODEL TL48		MODEL TL66	
	MIN L	MAX L	MIN L	MAX L
6"	26	48	36	66
8"	26	48	36	66

Built-in adapter.

TEE – W/TEE CAP – DWBT



SIZE	A	B	C
6"	13.44	3.00	6.69
8"	15.13	3.00	7.56

45° ELBOW – DWB45



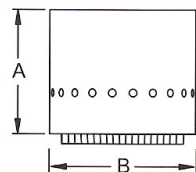
SIZE	A		B		C		D	
	A		B		C		D	
6"	5.00	4.38	5.75	15.13				
8"	4.60	4.80	5.75	15.13				

90° ELBOW – DWB90



SIZE	A		B		C		D	
	A		B		C		D	
6"	9.5	9.5	17.5	19				
8"	9.5	9.5	17.5	19				

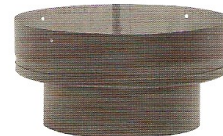
STOVE TOP ADAPTER – DWBA



SIZE	A	B
6"	6	7
8"	6	9

Note: DWBA **must** be used when installing a Double Wall pipe system, unless starter piece is a telescoping length.

INCREASER – DWBI-8



SIZE	A		B	
	A		B	
6 TO 8	8"	6"		

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DAMPERS



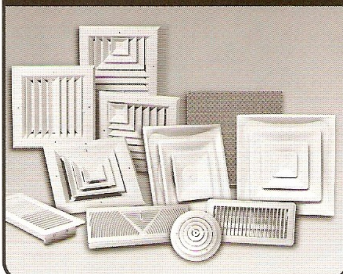
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