



Hart & Cooley[®]
install confidence

CATALOG INDEX

TYPE B ROUND GAS VENT PIPE & FITTINGS

GAS APPLIANCE CHIMNEY LINER SYSTEMS

MODEL TD CHIMNEY PIPE & FITTINGS

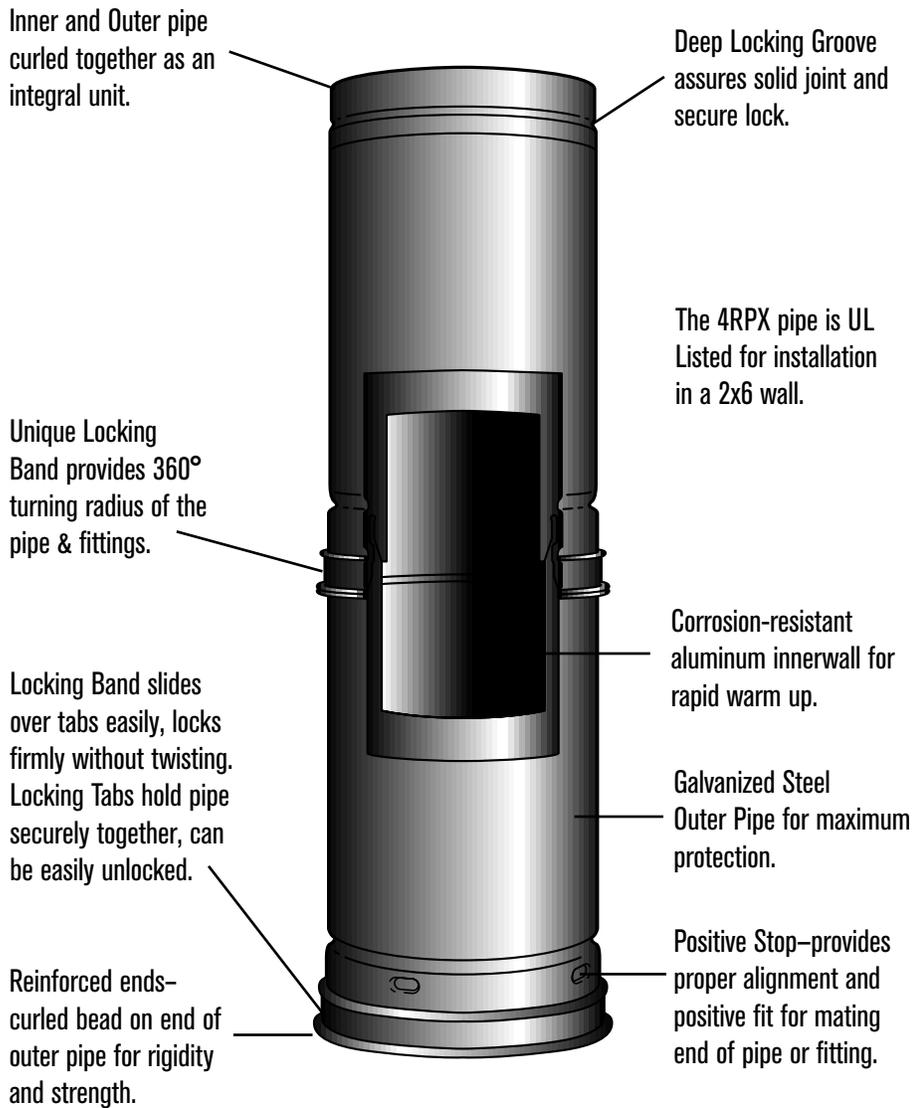
Construction Features

Type B Gas Vent Systems Give You These Important Advantages

Safety of the Hart & Cooley® system is assured by the double wall air-insulated design and locking joints. Properly installed, the vent cannot come apart through vibration and offers protection against vent failure or fire hazard. Type B Gas Vent is designed for negative pressure applications and flue gas temperatures not exceeding 550° F.

Durability is the result of high-quality materials and workmanship, with galvanized outer pipe and aluminum inner pipe providing protection against corrosion and external damage.

Simple Installation is achieved with a complete line of adjustable fittings and various lengths of pipe. Curled ends lock together for stability and easy assembly. A full set of installation instructions are supplied with all caps and supports.



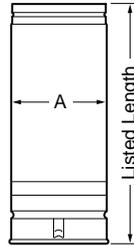
HART & COOLEY® B-VENT
 Compiles with the latest Underwriters
 Laboratories Standard No. 441

This Product is Listed by
UNDERWRITERS LABORATORIES INC.
 and Bears the Mark:

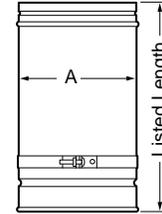




**RP* Round Pipe
3" – 12"**



**RP* Round Pipe
14" – 24"**



Catalog Number	Listed Length	Size	Dim. A
3RP5	5'	3"	3 1/2"
†4RPX5	5'	4"	4 1/2"
5RP5	5'	5"	5 1/2"
6RP5	5'	6"	6 1/2"
7RP5	5'	7"	8"
8RP5	5'	8"	9"
3RP4	4'	3"	3 1/2"
†4RPX4	4'	4"	4 1/2"
5RP4	4'	5"	5 1/2"
6RP4	4'	6"	6 1/2"
7RP4	4'	7"	8"
8RP4	4'	8"	9"
3RP3	3'	3"	3 1/2"
†4RPX3	3'	4"	4 1/2"
5RP3	3'	5"	5 1/2"
6RP3	3'	6"	6 1/2"
7RP3	3'	7"	8"
8RP3	3'	8"	9"
10RP3	3'	10"	11"
12RP3	3'	12"	13"
14RP30	30"	14"	15"
16RP30	30"	16"	17"
18RP30	30"	18"	19"
20RP30	30"	20"	21"
22RP30	30"	22"	23"
24RP30	30"	24"	25"
3RP24	24"	3"	3 1/2"
†4RPX24	24"	4"	4 1/2"
5RP24	24"	5"	5 1/2"
6RP24	24"	6"	6 1/2"
7RP24	24"	7"	8"
8RP24	24"	8"	9"

(continued next column)

Catalog Number	Listed Length	Size	Dim. A
10RP24	24"	10"	11"
12RP24	24"	12"	13"
14RP24	24"	14"	15"
16RP24	24"	16"	17"
18RP24	24"	18"	19"
20RP24	24"	20"	21"
22RP24	24"	22"	23"
24RP24	24"	24"	25"
3RP18	18"	3"	3 1/2"
†4RPX18	18"	4"	4 1/2"
5RP18	18"	5"	5 1/2"
6RP18	18"	6"	6 1/2"
7RP18	18"	7"	8"
8RP18	18"	8"	9"
10RP18	18"	10"	11"
12RP18	18"	12"	13"
14RP18	18"	14"	15"
16RP18	18"	16"	17"
18RP18	18"	18"	19"
20RP18	18"	20"	21"
22RP18	18"	22"	23"
24RP18	18"	24"	25"
3RP12	12"	3"	3 1/2"
†4RPX12	12"	4"	4 1/2"
5RP12	12"	5"	5 1/2"
6RP12	12"	6"	6 1/2"
7RP12	12"	7"	8"
8RP12	12"	8"	9"
3RP6	6"	3"	3 1/2"
†4RPX6	6"	4"	4 1/2"
5RP6	6"	5"	5 1/2"
6RP6	6"	6"	6 1/2"

- Pipe and Fitting couplers overlap 1 3/8" when joined together, therefore assembled length is 1 3/8" less than listed length.
- The allowable minimum clearance to combustibles is 1" except for 4RPX on which clearance is provided by locking band on pipe.

† U.L. Listed for installation in 2x6 wall.

A full set of Installation Instructions are supplied with Caps and Supports

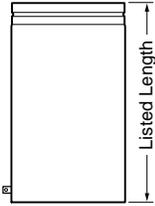
* Denotes U.L. Listing

Type B Round Gas Vent Pipe & Fittings



RPA* Adjustable Length Pipe

Catalog Number	Size	Listed Length ¹
3RPA	3"	12"
4RPA	4"	
5RPA	5"	
6RPA	6"	
7RPA	7"	18"
8RPA	8"	
10RPA	10"	
12RPA	12"	
14RPA	14"	
16RPA	16"	
18RPA	18"	
20RPA	20"	
22RPA	22"	
24RPA	24"	

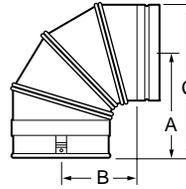


¹Overlap: Min -1-1/2"
 -Max. Overlap on a 12" length is 10"
 -Max. Overlap on a 18" length is 16"



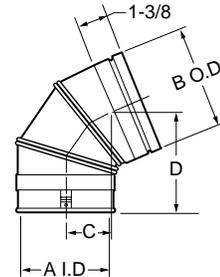
REA90* 90° Adjustable Elbow

Catalog Number	Size	Dim. A	Dim. B	Dim. C
3REA90	3"	5 1/2"	3 3/4"	8"
4REA90	4"	6"	4 1/4"	8 3/4"
5REA90	5"	6 1/2"	4 3/4"	9 3/4"
6REA90	6"	7"	5 1/4"	10 3/4"
7REA90	7"	7 3/4"	6"	12 3/4"
8REA90	8"	8 1/4"	6 1/2"	13 3/4"



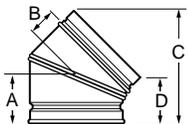
REA60* 60° Adjustable Elbow

Catalog Number	Size	Dim. A I.D.	Dim. B O.D.	Dim. C	Dim. D
3REA60	3"	3"	3 1/2"	1 7/8"	5 1/4"
4REA60	4"	4"	4 1/2"	2 1/8"	5 1/2"
5REA60	5"	5"	5 1/2"	2 1/4"	6"
6REA60	6"	6"	6 1/2"	2 5/8"	6 3/8"



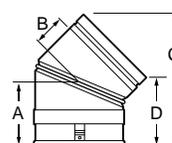
RE45* 45° Non-Adjustable Elbow

Catalog Number	Size	Dim. A	Dim. B	Dim. C	Dim. D
14RE45	14"	7"	4"	16 1/2"	5 1/2"
16RE45	16"	7 3/8"	4 3/8"	17 1/2"	5 3/4"
18RE45	18"	7 3/4"	4 3/4"	19 1/4"	5 3/4"
20RE45	20"	8 1/4"	5 1/4"	21"	6"
22RE45	22"	8 5/8"	5 5/8"	22 1/2"	6 1/4"
24RE45	24"	9"	6"	24"	6 1/2"



REA45* 45° Adjustable Elbow

Catalog Number	Size	Dim. A	Dim. B	Dim. C	Dim. D
7REA45	7"	4 3/8"	2 5/8"	10 3/8"	4 3/4"
8REA45	8"	4 5/8"	2 7/8"	11 1/8"	4 3/4"
10REA45	10"	5"	3 1/4"	12 3/4"	4 3/4"
12REA45	12"	5 1/2"	3 3/4"	13 3/4"	4 3/4"

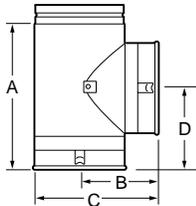


* Denotes U.L. Listing



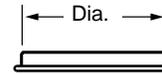
RT* Tee

Catalog Number	Size	Dim. A	Dim. B	Dim. C	Dim. D
3RT3	3"x3"x3"	7 1/2"	4 1/2"	6 1/4"	4 1/2"
4RT4	4"x4"x4"	8 1/2"	5"	7 1/4"	5"
5RT5	5"x5"x5"	9 1/2"	5 1/2"	8 1/4"	5 1/2"
5RT4	5"x5"x4"	9 1/2"	5 1/2"	8 1/4"	5 1/2"
5RT3	5"x5"x3"	9 1/2"	5 1/2"	8 1/4"	5 1/2"
6RT6	6"x6"x6"	10 1/2"	6"	9 1/4"	6"
6RT4	6"x6"x4"	10 1/2"	6"	9 1/4"	6"
6RT3	6"x6"x3"	10 1/2"	6"	9 1/4"	6"
7RT7	7"x7"x7"	11 1/2"	6 1/2"	10 3/4"	6 3/4"
8RT8	8"x8"x8"	12 1/2"	7"	11 3/4"	7 1/4"
10RT10	10"x10"x10"	14 1/2"	8"	13 3/4"	8 1/4"
12RT12	12"x12"x12"	16 1/2"	9"	15 3/4"	9 1/4"
14RT14	14"x14"x14"	22 1/2"	11"	18 1/2"	12"
16RT16	16"x16"x16"	22 1/2"	12"	20 1/2"	12"
18RT18	18"x18"x18"	28 1/2"	13"	22 1/2"	15"
20RT20	20"x20"x20"	28 1/2"	14"	24 1/2"	15"
22RT22	22"x22"x22"	28 1/2"	15"	26 1/2"	15"
24RT24	24"x24"x24"	30 1/2"	16"	28 1/2"	16"



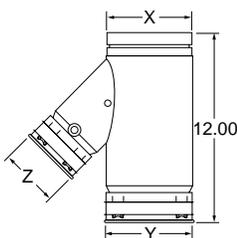
RTC Tee Cap

Catalog Number	Dia. Size
3RTC	3"
4RTC	4"
5RTC	5"
6RTC	6"
7RTC	7"
8RTC	8"
10RTC	10"
12RTC	12"
14RTC	14"
16RTC	16"
18RTC	18"
20RTC	20"
22RTC	22"
24RTC	24"



RYF* Wyes

Catalog Number	Size X / Y / Z
4RYF33	4" / 3" / 3"
4RYF44	4" / 4" / 4"
4RYF43	4" / 4" / 3"
5RYF53	5" / 5" / 3"
5RYF54	5" / 5" / 4"
5RYF43	5" / 4" / 3"
5RYF44	5" / 4" / 4"
6RYF54	6" / 5" / 4"
6RYF53	6" / 5" / 3"
6RYF43	6" / 4" / 3"
6RYF44	6" / 4" / 4"
6RYF63	6" / 6" / 3"
6RYF64	6" / 6" / 4"



RDH* Draft Hood Connector

Catalog Number	Size	Dim. A	Dim. B
3RDH	3"	4 1/2"	6"
4RDH	4"	4 1/2"	6"
5RDH	5"	4 1/2"	6"
6RDH	6"	4 1/2"	6"
7RDH	7"	7"	8 1/2"
8RDH	8"	7"	8 1/2"
10RDH	10"	7"	8 1/2"
12RDH	12"	7"	8 1/2"
14RDH	14"	7"	8 1/2"
16RDH	16"	7"	8 1/2"
18RDH	18"	7"	8 1/2"
20RDH	20"	7"	8 1/2"
22RDH	22"	7"	8 1/2"
24RDH	24"	7"	8 1/2"



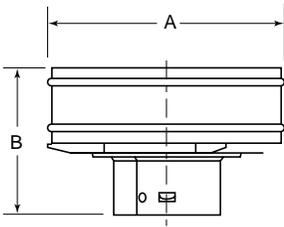
Type B Round Gas Vent Pipe & Fittings



RHW* Cap 3" through 6"

- Exceptional performance in windy conditions.
- Designed to resist nesting birds.

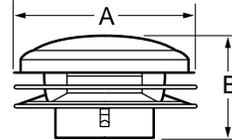
Catalog Number	Size	Dim. A	Dim. B
3RHW	3"	8 1/4"	4 1/2"
4RHW	4"	9 1/4"	4 7/8"
5RHW	5"	10 1/2"	5 1/4"
6RHW	6"	11 1/4"	5 5/8"



RM* Cap 7" through 12"

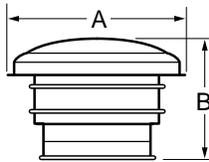
- Barriers provided in cap opening spaced less than 1" are designed to resist entry of birds.

Catalog Number	Size	Dim. A	Dim. B
7RM	7"	14 1/8"	6 7/8"
8RM	8"	15 1/8"	7"
10RM	10"	19 1/8"	9"
12RM	12"	21 1/8"	10 1/2"



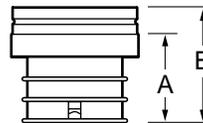
RC* Cap 14" through 24"

Catalog Number	Size	Dim. A	Dim. B
14RC	14"	27"	13 1/2"
16RC	16"	29"	14 1/2"
18RC	18"	33"	15 1/2"
20RC	20"	35"	16 1/2"
22RC	22"	38"	18 1/2"
24RC	24"	40"	19 1/2"



RN* Increaser

Catalog Number	Size	Dim. A	Dim. B
3RN4	3" to 4"	3 3/4"	5 1/4"
3RN5	3" to 5"	3 3/4"	5 1/4"
3RN6	3" to 6"	3 3/4"	5 1/4"
3RN7	3" to 7"	3 3/4"	5 1/4"
4RN5	4" to 5"	3 3/4"	5 1/4"
4RN6	4" to 6"	3 3/4"	5 1/4"
4RN7	4" to 7"	4 3/4"	5 1/4"
5RN6	5" to 6"	3 3/4"	5 1/4"
6RN7	6" to 7"	3 3/4"	5 1/4"
6RN8	6" to 8"	3 3/4"	5 1/4"
7RN8	7" to 8"	3 7/8"	5 3/8"
8RN10	8" to 10"	3 7/8"	5 3/8"
8RN12	8" to 12"	3 7/8"	5 3/8"
10RN12	10" to 12"	3 7/8"	5 3/8"
••RN14	•• to 14"	3 7/8"	5 3/8"
••RN16	•• to 16"	4 5/8"	6 1/8"
••RN18	•• to 18"	4 5/8"	6 1/8"
••RN20	•• to 20"	4 5/8"	6 1/8"
••RN22	•• to 22"	4 5/8"	6 1/8"
••RN24	•• to 24"	4 5/8"	6 1/8"



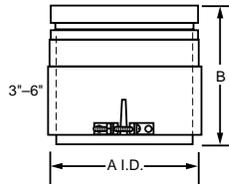
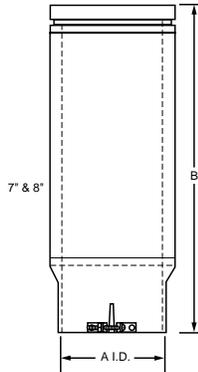
* Denotes U.L. Listing



RA* Male Adapter

■ Adapts other brands of B-Vent to Hart & Cooley vent (theirs-to-ours).

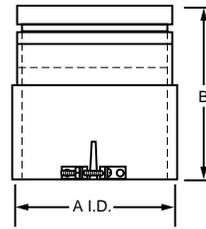
Catalog Number	Size	A I.D.	Dim. B
3RA	3"	3 9/16"	6"
4RA	4"	4 9/16"	6"
5RA	5"	5 9/16"	6"
6RA	6"	6 9/16"	6"
7RA	7"	7 9/16"	17 3/4"
8RA	8"	8 9/16"	17 3/4"



RAA* Male Adapter

■ Adapts other brands of B-Vent to Hart & Cooley vent (theirs-to-ours).

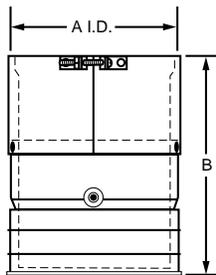
Catalog Number	Size	A I.D.	Dim. B
3RAA	3"	3 11/16"	6"
4RAA	4"	4 11/16"	6"
5RAA	5"	5 11/16"	6"
6RAA	6"	6 11/16"	6"
7RAA	7"	7 11/16"	8 1/2"
8RAA	8"	8 11/16"	8 1/2"



RRA* Female Adapter

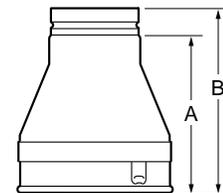
■ Adapts Hart & Cooley vent to other brands of B-vent (ours-to-theirs).

Catalog Number	Size	A I.D.	Dim. B
3RRA	3"	3 3/4"	6"
4RRA	4"	4 3/4"	6"
5RRA	5"	5 3/4"	6"
6RRA	6"	6 3/4"	6"



OAR* Adapter (oval to round)

Catalog Number	Size	Dim. A	Dim. B
4OAR	4"	8 1/2"	10"
5OA5R	5" - 5"	12 1/4"	13 3/4"
5OA6R	5" - 6"	12 1/4"	13 3/4"



Competitive Manufacturer	Pipe Dia.	Airspace	Adapter Model	
			Male	Female
Metalbestos	3" - 6" 7" - 8"	1/4" 1/4"	RA or RPA† RA	RRA -
Metal Fab	3" - 6" 7" - 8"	1/4" 1/2"	RA or RPA† RPA	RRA -
Amerivent	3" - 6" 7" - 8"	1/4" 1/2"	RA or RPA† RPA	RRA -
Air-Jet	3" - 8" 7" - 8"	3/8" 3/8"	RAA RAA	RRA -
DuraVent	3" - 8" 7" - 8"	5/16" 5/16"	RAA RAA	RRA -

† See page 5 on RPA 3"-24" adjustable length

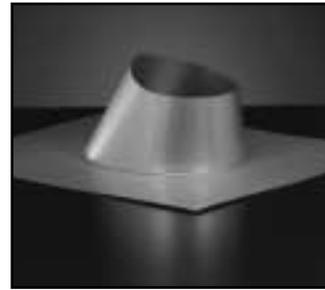
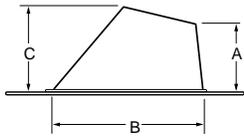
* Denotes U.L. Listing

Type B Round Gas Vent Pipe & Fittings



RF Adjustable Roof Flashing – Flat-6/12

Catalog Number	Size	Dim. A	Dim. B	Dim. C
3RF	3"	3"	6 1/8"	4 1/8"
4RF	4"	3 1/4"	7 3/8"	4 1/8"
5RF	5"	3 1/2"	8 5/8"	4 3/4"
6RF	6"	3 3/4"	10"	5 1/4"
7RF	7"	4"	11 1/8"	6 3/8"
8RF	8"	4 1/4"	13 1/8"	6 3/4"
10RF	10"	4 3/4"	15 5/8"	7 1/2"
12RF	12"	4 3/4"	18"	8"
14RF	14"	5 1/4"	21"	9 1/4"
16RF	16"	5 1/4"	23 1/4"	9 1/2"
18RF	18"	5 3/4"	25 7/8"	10 1/2"
20RF	20"	5 3/4"	28 1/8"	11"
22RF	22"	6 1/4"	30 5/8"	12"
24RF	24"	6 1/4"	32 7/8"	12 1/2"



RFO Adjustable Roof Flashing-0/12-6/12

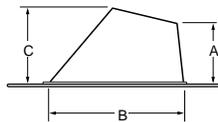
- With oversized opening to allow B-vent pipe and lock ring to pass through opening
- Available in 3"-8"



RFA Adjustable Roof Flashing – 6/12-12/12

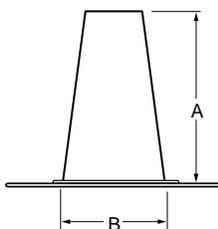
- Available in 3"-8"

Catalog Number	Size	Dim. A	Dim. B	Dim. C
3RFA	3"	5 1/2"	6"	7 1/4"
4RFA	4"	5 3/8"	7 3/8"	7 9/16"
5RFA	5"	5 5/8"	8 5/8"	8 5/8"
6RFA	6"	5 3/8"	10"	8 13/16"
7RFA	7"	5 3/8"	11 7/8"	9 3/4"
8RFA	8"	5 1/4"	13"	10 1/16"



RTF Tall Cone Roof Flashing

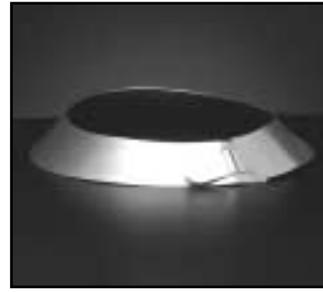
Catalog Number	Size	Dim. A	Dim. B
3RTF	3"	11"	7 1/2"
4RTF	4"	11"	7 1/2"
5RTF	5"	11"	7 1/2"
6RTF	6"	11"	7 1/2"
7RTF	7"	11"	11"
8RTF	8"	11"	11"
10RTF	10"	11"	16"
12RTF	12"	11"	16"
14RTF	14"	11"	19 1/4"
16RTF	16"	11"	19 1/4"
18RTF	18"	11"	23 5/8"
20RTF	20"	11"	23 5/8"
22RTF	22"	11"	27 5/8"
24RTF	24"	11"	27 5/8"





RS Storm Collar 3" through 6"

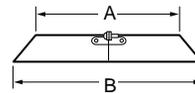
Catalog Number	Size	Dim. A	Dim. B
3RS	3"	3 1/2"	6 5/8"
4RS	4"	4 1/2"	7 5/8"
5RS	5"	5 1/2"	8 5/8"
6RS	6"	6 1/2"	9 5/8"



RS Storm Collar 7" through 24"

Catalog Number	Size	Dim. A	Dim. B
7RS	7"	8"	10 7/8"
8RS	8"	9"	11 7/8"
10RS	10"	11"	14 1/2"
12RS	12"	13"	16 1/2"
14RS	14"	15"	18 7/8"
16RS	16"	17"	21 1/4"
18RS	18"	19"	23 5/8"
20RS	20"	21"	26"
22RS	22"	23"	28 1/4"
24RS	24"	25"	30 5/8"

7" & 8" Style



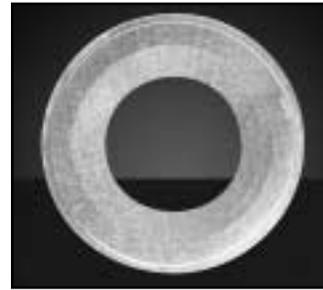
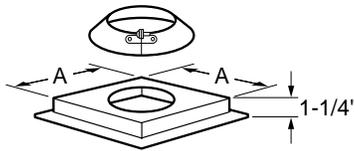
10"-24" Style



RSA* Support Assembly 3" through 24"

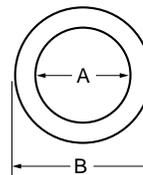
- Supports 60' of pipe.
- Acts as a firestop.

Catalog Number	Size	Dim. A
3RSA	3"	5 5/8"
4RSA	4"	6 5/8"
5RSA	5"	7 5/8"
6RSA	6"	8 5/8"
7RSA	7"	10 1/8"
8RSA	8"	11 1/8"
10RSA	10"	13 1/8"
12RSA	12"	15 1/8"
14RSA	14"	17 1/8"
16RSA	16"	19 1/8"
18RSA	18"	21 1/8"
20RSA	20"	23 1/8"
22RSA	22"	25 1/8"
24RSA	24"	27 1/8"



RPC Pipe Collar 3" through 8"

Catalog Number	Size	Dim. A	Dim. B
3RPC	3"	3 5/8"	8 3/4"
4RPC	4"	4 5/8"	8 3/4"
5RPC	5"	5 5/8"	10 7/8"
6RPC	6"	6 5/8"	12 7/8"
7RPC	7"	8 1/8"	14 7/8"
8RPC	8"	9 1/8"	16 7/8"



* Denotes U.L. Listing

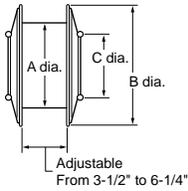
Type B Round Gas Vent Pipe & Fittings



RWT Wall Thimble

- Provides necessary clearance to combustibles.

Catalog Number	Size	Dim. A	Dim. B	Dim. C
3RWT	3"	5 1/2"	8 3/4"	3 5/8"
4RWT	4"	6 1/2"	8 3/4"	4 5/8"
5RWT	5"	7 1/2"	10 7/8"	5 5/8"
6RWT	6"	8 1/2"	12 7/8"	6 5/8"
7RWT	7"	10"	14 7/8"	8 1/8"
8RWT	8"	11"	16 7/8"	9 1/8"



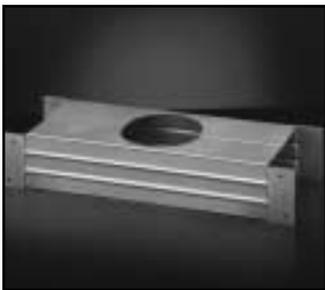
RWB Wall Bracket

- Available in 3" through 14"
- 8" through 14" bracket used with perforated pipe strap supplied by others

3"-7"

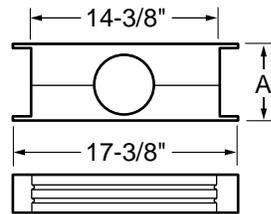


8"-14"



RFS* Firestop Spacer

- Fits 2x6 wall.
- Available in 4" only.
- For Other firestops see installation instructions.



Chimney Housing for Round Pipe Gas Vent

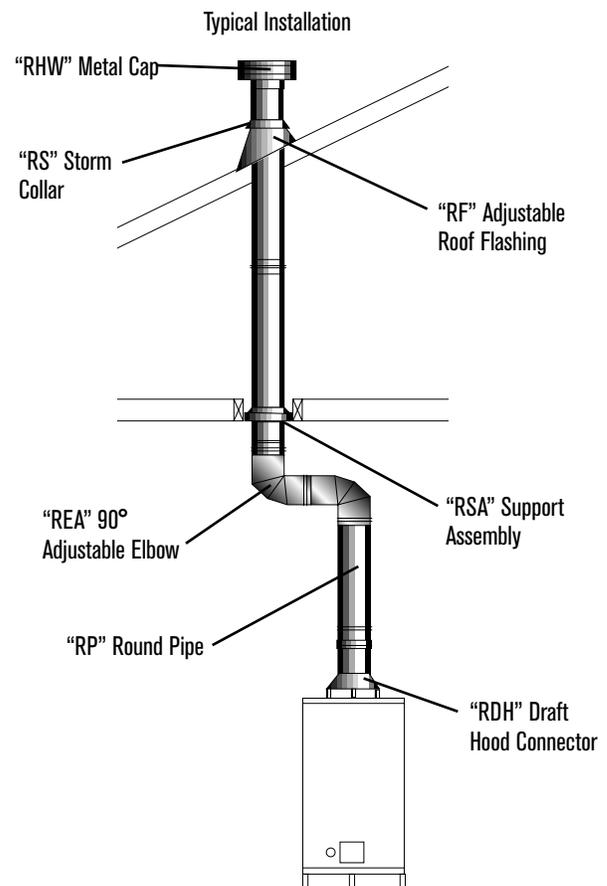
Designed for use in Type B Gas Vent installations, the Gas Vent Housing combines the same high efficiency and ease of installation with a trim external appearance. The housing is made weatherproof by a high-grade weather-resistant finish on side panels and a heat- and weather-resistant dome coating.



BH* Chimney Housing

- Designed for B-Vent pipe
- Brick Housing (shown)
- Red Brick Finish (RB)
- White Brick Finish (WB)

DIMENSIONS		
Catalog Number	Max. Height	Horizontal Dimensions 4", 5", 6" diameter vents
BH3	36"	14 1/2" x 18 1/4"
BH5	60"	14 1/2" x 18 1/4"
FINISHES		
Red Brick (RB)	White Brick (WB)	



* Denotes U.L. Listing



Model SFC Single-Wall Flexible Gas Vent Connector

- Single-wall flexible construction
- Includes an integral appliance draft hood connector for fast installation
- Locks onto Hart & Cooley Type B gas vent
- Requires only 1" clearance to combustibles per installation instructions
- UL listed for use as a connection from an appliance to Type B gas vent
- Available in 3"-5" diameters and 1'-5' lengths



Model DFC Double-Wall Flexible Gas Vent Segment

- Features double-wall, air-insulated construction
- Has Type B male/female ends for easy connection with Hart & Cooley vent
- Requires only 1" clearance to combustibles
- UL listed for use as a connection from an appliance to Type B gas vent and as a segment of Type B gas vent
- Can be used in unconditioned spaces, such as attics and crawl spaces
- Available in 3"-5" diameters and 2'-5' lengths

Gas Appliance Chimney Liner Kits

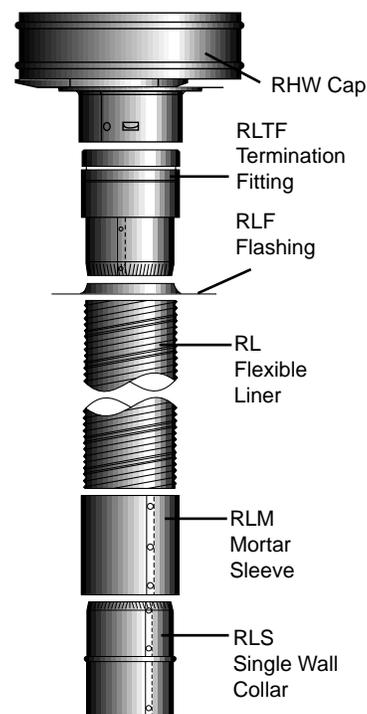


RLK* Basic Kit

- Available in 3", 4", 5", 6", 7", 8" diameter.
- Available in 25' and 35' lengths.
- UL Listed
- Compatible with Type B gas vent systems.
- Simple connections. Easy installation.
- Kit includes flexible liner, cap, termination fitting, flashing, mortar sleeve and a single wall collar and installation instructions.

RLK Sizes

Catalog Number	Size	Listed Length
3RLK25	3"	25'
3RLK35	3"	35'
4RLK25	4"	25'
4RLK35	4"	35'
5RLK25	5"	25'
5RLK35	5"	35'
6RLK25	6"	25'
6RLK35	6"	35'
7RLK25	7"	25'
7RLK35	7"	35'
8RLK25	8"	25'
8RLK35	8"	35'



NOTE: RLPC Pulling Cone and RLA female B-Vent adapter sold separately.



RLKE* Extension Kit

- Contains 5', 10' or 15' flexible liner.
- Includes attached single-wall collar, screws and installation instructions.
- 7" and 8" available upon request.
- UL and CUL listed
- 5'-6 pieces/box
- 10' & 15'-1 piece/box

RLKE Sizes

Catalog Number	Size	Listed Length
3RLKE5	3"	5'
3RLKE10	3"	10'
3RLKE15	3"	15'
4RLKE5	4"	5'
4RLKE10	4"	10'
4RLKE15	4"	15'

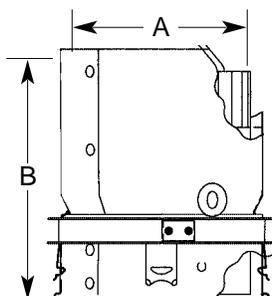
Catalog Number	Size	Listed Length
5RLKE5	5"	5'
5RLKE10	5"	10'
5RLKE15	5"	15'
6RLKE5	6"	5'
6RLKE10	6"	10'
6RLKE15	6"	15'



RLA Female B-Vent Adapter

- Sold separately; not part of kit

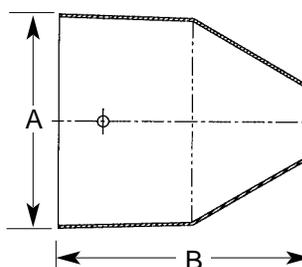
Catalog Number	Size	Dim. A	Dim. B
3RLA	3"	3"	5-5/8"
4RLA	4"	4"	5-5/8"
5RLA	5"	5"	5-5/8"
6RLA	6"	6"	5-5/8"
7RLA	7"	7"	5-5/8"
8RLA	8"	8"	5-5/8"



RLPC Pulling Cone

- Sold separately; not part of kit

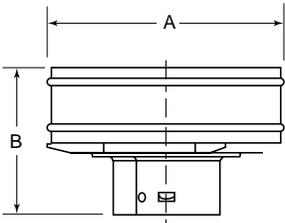
Catalog Number	Size	Dim. A	Dim. B
3RLPC	3"	3-1/2"	4-3/8"
4RLPC	4"	4-1/2"	5"
5RLPC	5"	5-1/2"	5"
6RLPC	6"	6-1/2"	5"
7RLPC	7"	7-1/2"	5"
8RLPC	8"	8-1/2"	5"





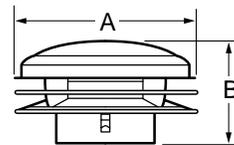
RHW* Metal Cap (High Wind)

Catalog Number	Size	Dim. A	Dim. B
3RHW	3"	8 1/4"	4 1/2"
4RHW	4"	9 1/4"	4 7/8"
5RHW	5"	10 1/2"	5 1/4"
6RHW	6"	11 1/4"	5 5/8"



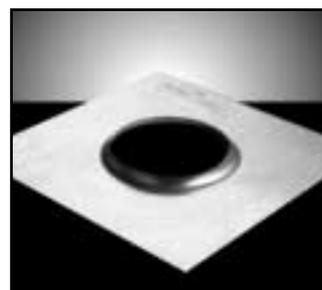
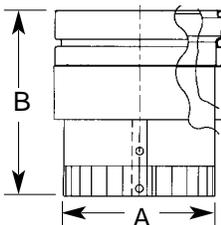
RM Metal Cap

Catalog Number	Size	Dim. A	Dim. B
7RM	7"	14 1/8"	6 7/8"
8RM	8"	15 1/8"	7"



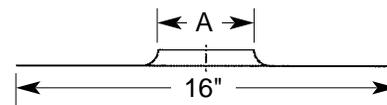
RLTF Termination Fitting

Catalog Number	Size	Dim. A	Dim. B
3RLTF	3"	3"	5"
4RLTF	4"	4"	5"
5RLTF	5"	5"	5"
6RLTF	6"	6"	5"
7RLTF	7"	7"	5"
8RLTF	8"	8"	5"



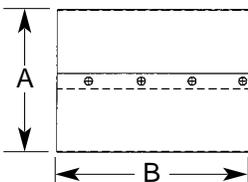
RLF Flashing

Catalog Number	Size	Dim. A
3RLF	3"	3"
4RLF	4"	4"
5RLF	5"	5"
6RLF	6"	6"
7RLF	7"	7"
8RLF	8"	8"



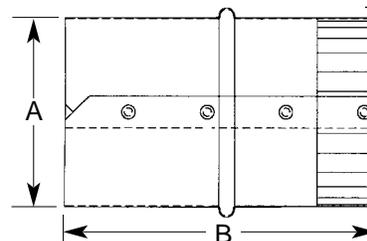
RLM Mortar Sleeve

Catalog Number	Size	Dim. A	Dim. B
3RLM	3"	3-1/2"	6-1/8"
4RLM	4"	4-1/2"	6-1/8"
5RLM	5"	5-1/2"	6-1/8"
6RLM	6"	6-1/2"	6-1/8"
7RLM	7"	7-1/2"	6-1/8"
8RLM	8"	8-1/2"	6-1/8"



RLS Single-Wall Collar

Catalog Number	Size	Dim. A	Dim. B
3RLS	3"	3"	5"
4RLS	4"	4"	5"
5RLS	5"	5"	5"
6RLS	6"	6"	5"
7RLS	7"	7"	5"
8RLS	8"	8"	5"



* Denotes U.L. Listing 14

Model TD 2100°F Type HT Factory-Built Chimney Systems

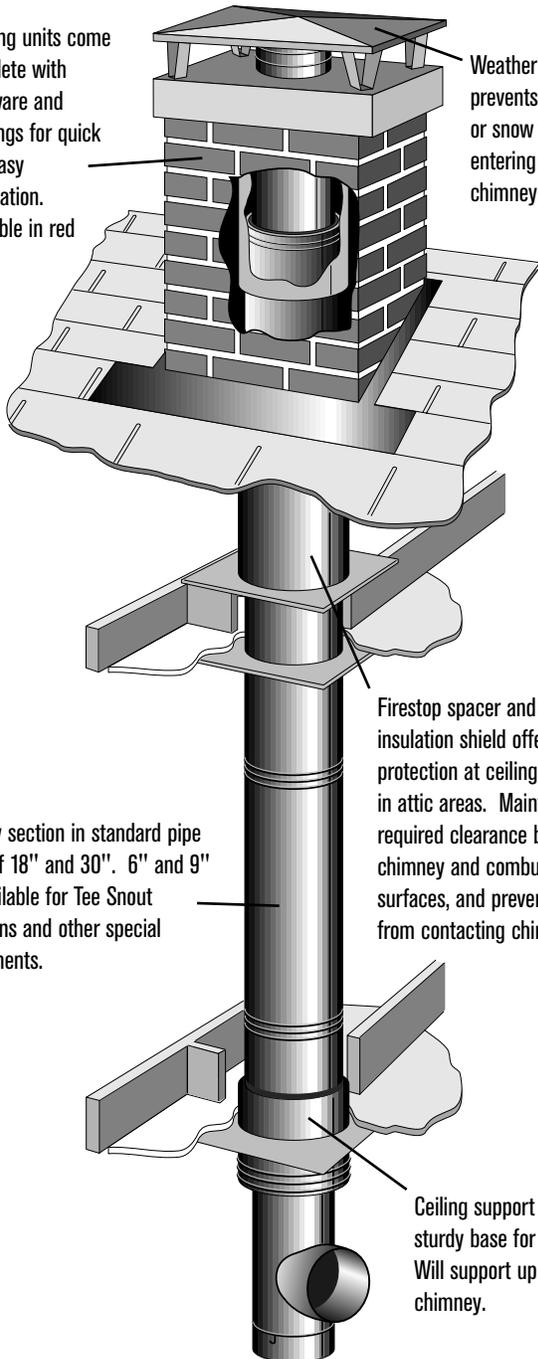
All-Fuel Chimney is designed for use with **NEGATIVE PRESSURE** gas, oil or wood-fired appliances, including central furnaces, floor furnaces, steam and hot water boilers, fireplaces, unit heaters, water heaters, cooking and heating stoves, and low-heat commercial and industrial appliances.

To assemble, simply stack sections and lock securely in place with a simple slip ring. No screws, no twisting.

THERMAGARD® II insulation* reduces the total building space requirements for a chimney compared to masonry. (Both require 2" airspace to combustibles by code.)

Housing units come complete with hardware and flashings for quick and easy installation. Available in red brick.

Weather cap prevents rain or snow from entering chimney.



Chimney section in standard pipe length of 18" and 30". 6" and 9" also available for Tee Snout extensions and other special requirements.

Firestop spacer and attic insulation shield offers complete protection at ceiling joists, and in attic areas. Maintains required clearance between chimney and combustible surfaces, and prevents insulation from contacting chimney.

Ceiling support provides sturdy base for chimney. Will support up to 65' of chimney.

IMPORTANT: A chimney connected to an appliance burning coal must be cleaned every 6 to 8 weeks and at the end of each heating season. Condensate and soot in the flue contain acids that will corrode stainless steel if allowed to remain.

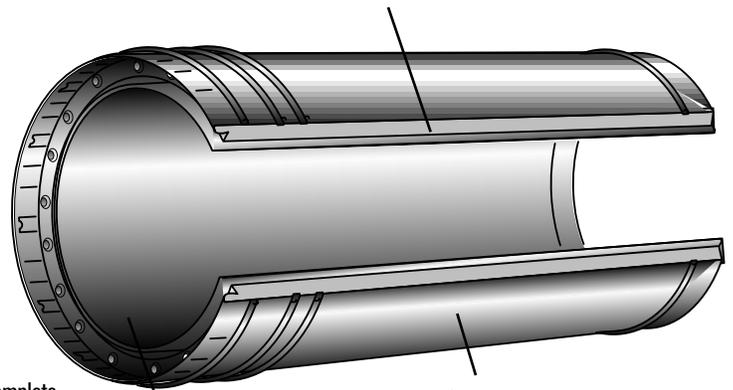
SEE INSTALLATION INSTRUCTIONS FOR TEMPERATURE LIMITATIONS. A FULL SET OF INSTALLATION INSTRUCTIONS ARE SUPPLIED WITH ALL PIPE.

Model TD stainless steel inner liner, stainless steel outer sleeve.

Temperature Rating: 1000°F Continuous
1400°F for up to 1 hour
2100°F for up to 10 minutes

Model TD Chimney Construction Features

THERMAGARD® II insulation* with extremely low K factor permits 2" minimum clearance to combustibles. Insulated space only 1" between inner and outer liners.



Stainless steel inner pipe gives rapid warm-up, providing quick, strong draft. Available in 6", 7", 8", 10", 12" and 14" diameters. Non-corrosive.

Stainless steel outer pipe has die-formed ends for maximum strength and perfect fit. Weather resistant.

*Does not contain asbestos.

Model TD Chimney complies with the latest Type HT requirements of Underwriters' Laboratories Standard No. 103.

This Product is Listed by
UNDERWRITERS LABORATORIES INC.
and Bears the Mark:

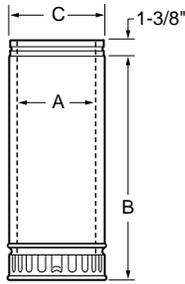




TDP* Chimney Pipe

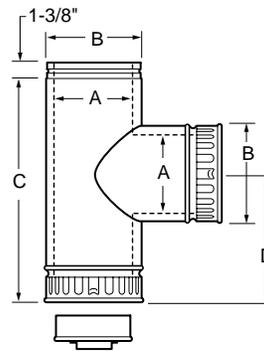
- Available in 6", 7", 8", 10", 12", and 14". Pipe length, dimension "B" is installed length.

Catalog Number	Dim. A	Dim. B	Dim. C
6TDP6	6"	6"	8"
7TDP6	7"	6"	9"
8TDP6	8"	6"	10"
10TDP6	10"	6"	12"
12TDP6	12"	6"	14"
14TDP6	14"	6"	16"
6TDP9	6"	9"	8"
7TDP9	7"	9"	9"
8TDP9	8"	9"	10"
10TDP9	10"	9"	12"
12TDP9	12"	9"	14"
14TDP9	14"	9"	16"
6TDP18	6"	18"	8"
7TDP18	7"	18"	9"
8TDP18	8"	18"	10"
10TDP18	10"	18"	12"
12TDP18	12"	18"	14"
14TDP18	14"	18"	16"
6TDP30	6"	30"	8"
7TDP30	7"	30"	9"
8TDP30	8"	30"	10"
10TDP30	10"	30"	12"
12TDP30	12"	30"	14"
14TDP30	14"	30"	16"



TDIT* Insulated Tee

- The insulated tee may be used to support chimneys on non-combustible wall brackets or masonry piers.
- The maximum height chimney so supported is 45 feet.
- Removable tee cap for cleaning and inspection is provided.



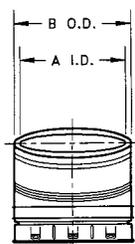
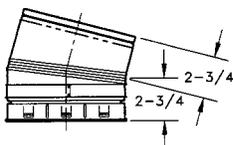
Catalog Number	Dim. A	Dim. B	Dim. C	Dim. D
6TDIT	6"	8"	18"	9"
7TDIT	7"	9"	18"	9"
8TDIT	8"	10"	18"	9"
10TDIT	10"	12"	18"	9 1/2"
12TDIT	12"	14"	18"	9 1/2"
14TDIT	14"	16"	20"	11"

NOTE: Tee cap handle on 6", 7" & 8" only



TDEL* Insulated 15° Elbow

- Elbows are used when it is necessary to offset the chimney to avoid framing members or to penetrate the roof closer to the ridge.
- Maximum allowable angle from vertical is 30° when fly ash producing fuel is used.
- Use only inside the structure because joints are not watertight.

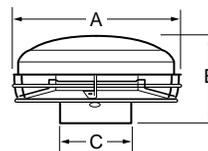


Catalog Number	Dim. A	Dim. B
6TDEL	6"	8"
7TDEL	7"	9"
8TDEL	8"	10"
10TDEL	10"	12"
12TDEL	12"	14"
14TDEL	14"	16"



TDC* Cap

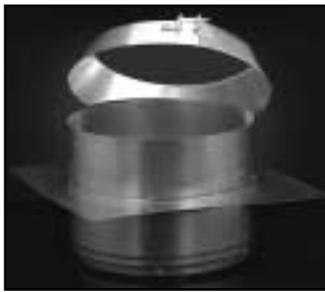
- Cap prevents entrance of rain, snow, debris, and chimney-nesting birds.
- Cap snaps on pipe.



Catalog Number	Dim. A	Dim. B	Dim. C
6TDC	14 1/8"	7 1/4"	6"
7TDC	15 1/8"	7 11/32"	7"
8TDC	18 1/8"	7 9/16"	8"
10TDC	23"	9 1/2"	10"
12TDC	25"	9 7/8"	12"
14TDC	27"	10 1/4"	14"

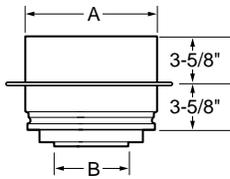
NOTE: TDSA Spark Arrester screen only

* Denotes U.L. Listing



TDSC* Ceiling Support

- Packaged unit for supporting the chimney from floor or ceiling joists.
- Includes support collar (for support with integral trim see TDSCT).
- Will support up to **65 feet** of chimney.
- The TDSC should be used when it is necessary to extend insulated pipe below the support.

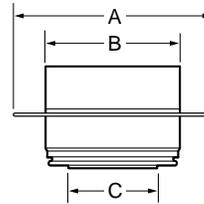


Catalog Number	Dim. A	Dim. B
6TDSC	10"	6 1/4"
7TDSC	11"	7 1/4"
8TDSC	12"	8 1/4"
10TDSC	14"	10 1/4"
12TDSC	16"	15"
14TDSC	18"	17"



TDSCT* Support and Trim Package

- Black finished, support and trim unit used at ceiling line where single-wall pipe enters chimney.
- Will support **65 feet** of chimney.
- Decorative trim plate covers hole in ceiling.

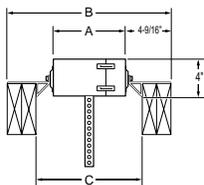


Catalog Number	Dim. A	Dim. B	Dim. C
6TDSCT	15"	10"	6 1/4"
7TDSCT	17"	11"	7 1/4"
8TDSCT	19"	12"	8 1/4"
10TDSCT	21"	14"	10 1/4"



TDRS* Roof Support

- Ideal for free-standing fireplaces and installations in structures with open cathedral ceilings.
- Adjusts to all roof pitches.
- Will support up to **30 feet** of chimney.



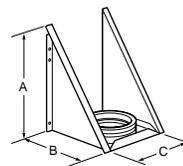
Catalog Number	Dim. A	Dim. B	Dim. C
6TDRS	8"	17 7/8"	12"
7TDRS	9"	18 7/8"	13"
8TDRS	10"	19 7/8"	14"
10TDRS	12"	21 7/8"	16"
12TDRS	14"	23 7/8"	18"
14TDRS	16"	25 7/8"	20"



TDSW* Wall Support

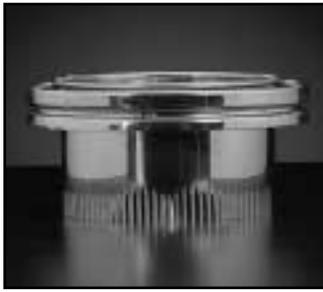
- Designed for use with insulated tee to provide support for a chimney on interior or exterior installation.
- Brackets can be mounted below the plate (see photo) or above the plate (per drawing).
- Maximum chimney height that can be supported is **45 feet**.

NOTE:
Do not use in this position for 6" size.



Catalog Number	Dim. A	Dim. B	Dim. C
6TDSW	18 5/8"	10 5/8"	11 7/8"
7TDSW	20 7/8"	11 5/8"	12 7/8"
8TDSW	21 7/8"	12 5/8"	13 7/8"
10TDSW	25 5/16"	14 5/8"	15 7/8"
12TDSW	28 13/16"	16 5/8"	17 7/8"
14TDSW	32 1/4"	18 5/8"	19 7/8"

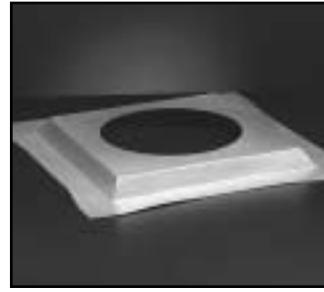
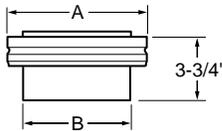
* Denotes U.L. Listing



TDPA* Pipe Adapter

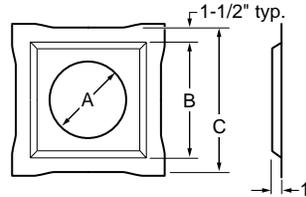
- This adapter must be used when connecting single-wall flue pipe to insulated pipe or tee.

Catalog Number	Dim. A	Dim. B
6TDPA	8"	6"
7TDPA	9"	7"
8TDPA	10"	8"
10TDPA	12"	10"
12TDPA	14"	12"
14TDPA	16"	14"

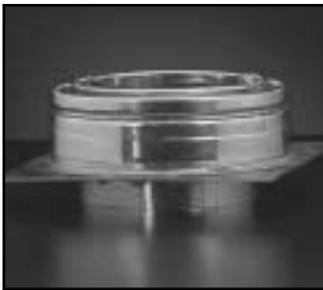


TDFS* Firestop Spacer

- Offers complete protection at ceiling joists, and maintains required clearance between the chimney and combustible surfaces.
- Also required where insulated pipe penetrates a framed wall.



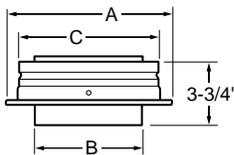
Catalog Number	Dim. A	Dim. B	Dim. C
6TDFS	8 1/8"	12"	15"
7TDFS	9 1/8"	13"	16 1/4"
8TDFS	10 1/8"	14"	17"
10TDFS	12 1/8"	16"	19 1/4"
12TDFS	14 1/8"	18"	21 1/4"
14TDFS	16 1/8"	20"	23 1/4"



TDAP* Anchor Plate

- Heavy gauge steel plate provides a positive connection for chimney to masonry.
- Pipe locks to extension above plate.
- Also for use with a TDIT insulated tee, when tee is supported on masonry piers.

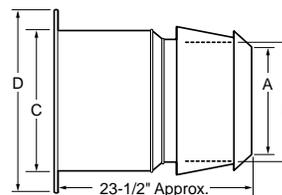
Catalog Number	Dim. A	Dim. B	Dim. C
6TDAP	9 1/4"	6"	8"
7TDAP	10 1/4"	7"	9"
8TDAP	11 1/4"	8"	10"
10TDAP	13 1/4"	10"	12"
12TDAP	15 1/4"	12"	14"
14TDAP	17 1/4"	14"	16"



TDIS* Insulation Shield

- A spacer assembly intended for attic installation to prevent loose fill or other insulation from contacting the chimney pipe.

Catalog Number	Dim. A	Dim. B	Dim. C	Dim. D
6TDIS	8"	10"	12"	16 1/4"
7TDIS	9"	11"	13"	16 1/4"
8TDIS	10"	12"	14"	17 1/4"
10TDIS	12"	14"	16"	19 1/4"
12TDIS	14"	16"	18"	21 1/4"
14TDIS	16"	18"	20"	23 1/4"



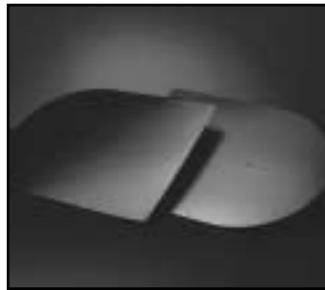
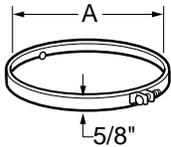
Model TD 2100°F Factory-Built Chimney Systems



TDSB* Support Band

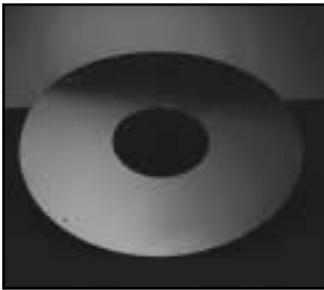
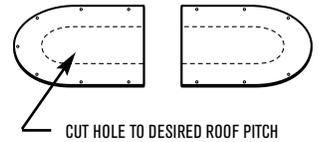
- Chimneys with round vent terminations extending 5 feet or more above the roof must be braced.
- The support band provides a means of attaching bracing to the pipe.

Catalog Number	Dim. A
6TDSB	8"
7TDSB	9"
8TDSB	10"
10TDSB	12"
12TDSB	14"
14TDSB	16"



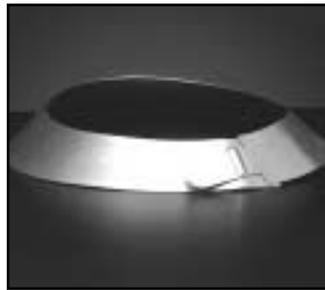
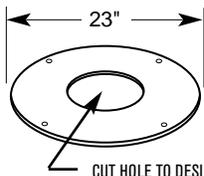
TDTC Cathedral Trim Ring

- For slopes above 16/12 to 36/12 pitch.
- Black finish two-piece trim ring with template for cutting to required pitch.
- Available in 6" - 10".



TDTR Cut-Out Trim Ring

- For slopes from flat to 12/12 pitch.
- Black finish one-piece trim ring with template for cutting to required pitch.
- The TDTR is used when a TDP chimney section is hung below the TDRS Roof Support.
- The TDTR will finish off the ceiling.
- Available in 6"-10".

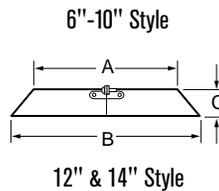


TDS* Storm Collar

- Storm collar is installed just above flashing.
- Use caulking material for watertight installation.

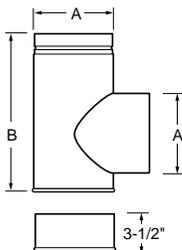
Catalog Number	Dim. A	Dim. B	Dim. C
6TDS	8"	10 7/8"	1 7/16"
7TDS	9"	11 7/8"	1 7/16"
8TDS	10"	12 7/8"	1 7/16"
10TDS	12"	15 1/2"	1 3/4"
12TDS†	14"	17 7/8"	1 15/16"
14TDS†	16"	20 1/4"	2 1/8"

† With draw-tight Clip



TDTS* Stainless Starter and Cleanout Tee

- Needed on chimneys with open termination to prevent rain from damaging appliance.
- Drip cap can be removed for cleanout and inspection.



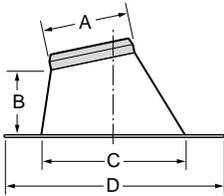
Catalog Number	Dim. A	Dim. B
6TDTS	6"	23 1/4"
7TDTS	7"	24 1/4"
8TDTS	8"	25 1/4"
10TDTS	10"	27 1/4"
12TDTS	12"	29 1/4"
14TDTS	14"	31 1/4"

* Denotes U.L. Listing

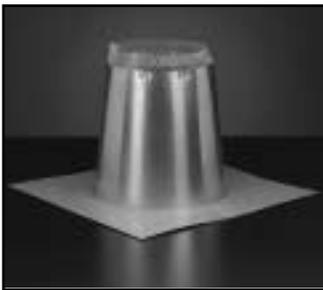


TDF* Adjustable Roof Flashing

- Flashing will adjust to suit roof pitch from flat to 6/12 pitch.
- Can be used with roof support (TDRS).
- Must be used with storm collar (TDS).
- Flashings for more than 6/12 pitch available on special order. 6/12-12/12 TDFA, 12/12-24/12 TDFB.

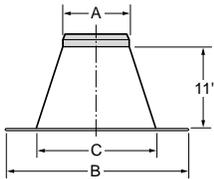


Catalog Number	Dim. A	Dim. B	Dim. C	Dim. D
6TDF	9 1/16"	6 1/2"	15 5/8"	24 1/16" x 20"
7TDF	10 1/16"	6 7/16"	15 5/8"	24 1/16" x 20"
8TDF	11 1/16"	6 5/16"	17 7/16"	25 3/4" x 21 5/8"
10TDF	13 1/16"	6 1/8"	20 1/8"	28 7/8" x 24 1/16"
12TDF	15 1/16"	6 1/8"	21 1/16"	30" x 25 3/4"
14TDF	17 1/16"	6 1/8"	23 3/8"	32 5/16" x 28 1/8"



TDTF* Tall Cone Roof Flashing

- For flat roofs 11" high, cone provides protection against water or snow accumulation around chimney.
- Must be used with storm collar (TDS).

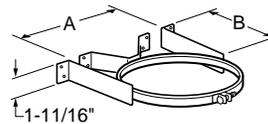


Catalog Number	Dim. A	Dim. B	Dim. C
6TDTF	9 1/16"	18 9/16"	11"
7TDTF	10 1/16"	24 5/64"	16"
8TDTF	11 1/16"	24 5/64"	16"
10TDTF	13 1/16"	24 5/64"	16"
12TDTF	15 1/16"	28 3/32"	19 5/16"
14TDTF	17 1/16"	28 3/32"	19 5/16"



TDWB* Wall Band

- The wall band is used to stabilize the chimney along the wall and maintain proper clearance.
- Chimney should be supported at 8-foot intervals above starting point.

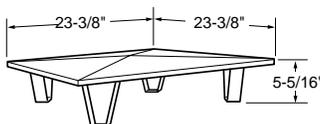


Catalog Number	Dim. A	Dim. B
6TDWB	8 5/8"	6"
7TDWB	9 5/8"	6"
8TDWB	10 5/8"	7"
10TDWB	12 5/8"	8"
12TDWB	14 5/8"	9"
14TDWB	16 5/8"	10"



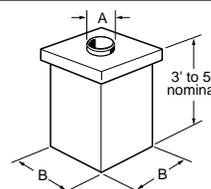
TDW* Weather Cap

- Offers full protection from rain, snow and debris.
- Constructed of stainless steel painted light gray to match the housing dome.
- For chimney sizes 6", 7" and 8" only.



TDH* Housing

- Housing panels are stucco embossed aluminum available in red brick (RB) finish.
- The dome is aluminum in light gray.
- Order desired TDW Weather Cap separately.

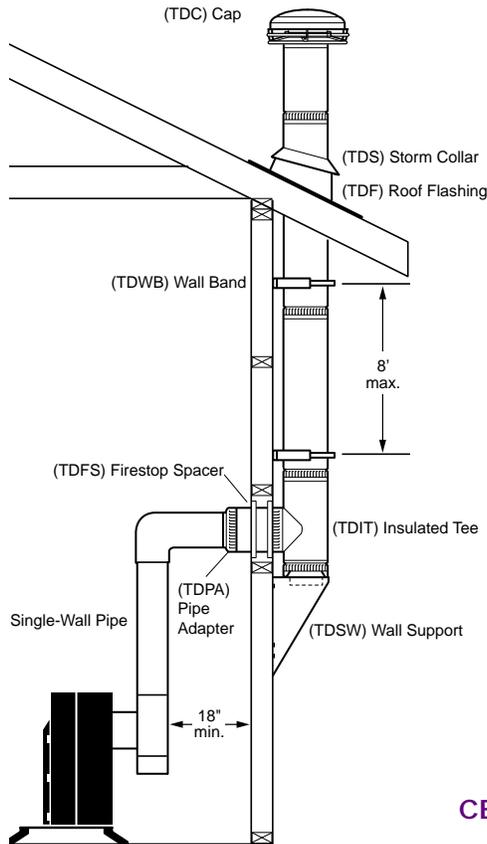


Catalog Number	Dim. A	Dim. B
6TDH	6 1/2"	18 1/4"
7TDH	8"	18 1/4"
8TDH	9"	18 1/4"

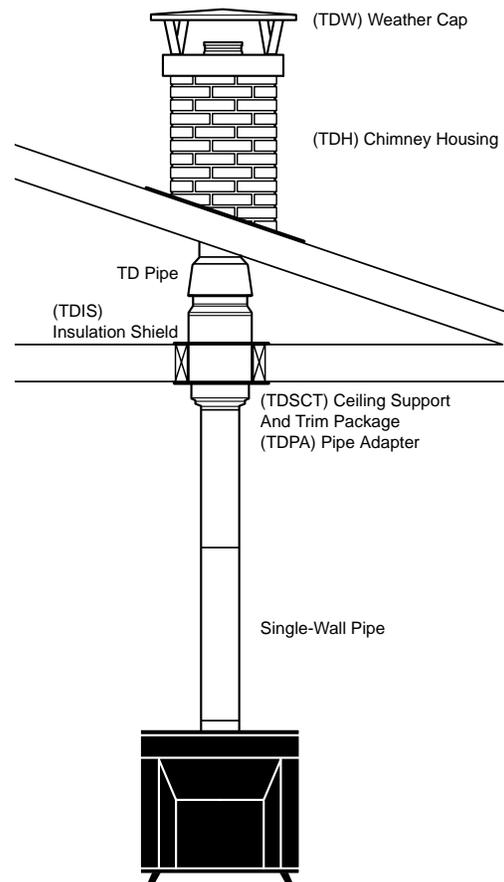
* Denotes U.L. Listing

COMMON INSTALLATIONS FOR TD CHIMNEY

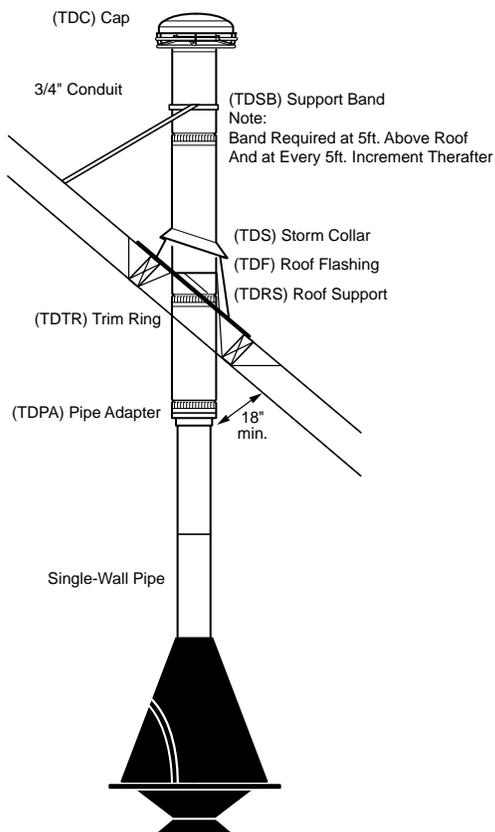
WALL SUPPORT



CEILING SUPPORT



ROOF SUPPORT



CAUTION

PROTECT YOUR LIFE AND PROPERTY!

HEED INSTRUCTIONS AND THESE WARNINGS BEFORE YOU INSTALL OR USE HART & COOLEY FACTORY-BUILT CHIMNEY PIPE AND FITTINGS. FAILURE TO DO SO MAY CAUSE FIRE AND POSSIBLE LOSS OF LIFE.

Installation

- Read instructions. *Connector pipe* is single-wall pipe; *Hart & Cooley factory-built chimney* is double-wall, insulated, stainless steel pipe.
- Check and follow all local building codes and the appliance manufacturer's instructions.
- Use *connector pipe* only to make connection between the appliance and the chimney, running it through an open, accessible space. NEVER enclose *connector pipe* or use it as a chimney to install through ceilings or walls or in inaccessible or enclosed areas.
- Maintain these minimum airspaces between pipe and walls or other materials that can burn:
Connector pipe – 18" All-fuel chimney – 2"
(Where walls are protected by non-combustible material, see instructions for allowable *connector pipe* clearances.)
- Enclose (with 2" minimum airspace) any *chimney* passing through rooms, closets, or other accessible spaces to avoid accidental contact with materials or things that can burn. Do *not* insulate.

DO NOT INSULATE AROUND ANY PORTION OF CONNECTOR PIPE, CHIMNEY OR FITTINGS.

- If appliance has a back discharge, use a tee with cap, not an elbow, to connect appliance to vertical connector pipe.
- Avoid upside-down installation of connector or chimney pipe. (Hart & Cooley *factory-built chimney* – arrow points UP.)
- Use firestop spacer whenever chimney passes through floor/ceiling/wall, except where the chimney support assembly is used.
- Never use connector pipe or chimney pipe merely to vent an appliance through a wall or window; the connector pipe must always be connected to and vented through a chimney terminating above the roof to avoid risk of carbon monoxide poisoning.
- The chimney must be capped and clear roof opening by at least 3 feet vertically and must be at least 2 feet higher than any portion of the building within a 10-foot horizontal distance.
- Keep electrical wiring away from connector pipe or chimney.
- When installing or replacing connector pipe, make sure the entire chimney is in safe operating condition. Inspect and correct chimney for obstructions, creosote or other deposits.

Operation

- Follow appliance manufacturer's instructions.
- Never let fire get too hot. Normal flue gas temperature should not exceed 1000°F. If connector pipe glows, fire is too hot. Shut draft.
- Never operate appliance if ashpit door is open. Flue gas temperature could exceed 1000°F.
- If a flue fire starts, close all appliance openings – draft door, secondary air openings, etc. – and call your Fire Department.
- Keep wood, carpet, furniture, and all other things that burn *at least 18"* from appliance and connector pipe, *at least 2"* from chimney pipe.
- On any stove or furnace with combustion air blower, temperature limits of chimney may be exceeded without proper controls.
- Inspect monthly the inside flue passage from appliance to chimney cap for creosote or other deposits, obstructions or damage; clean or replace as necessary. Burn vigorously daily for a least 30 minutes to help reevaporate creosote. (Creosote deposits can ignite and cause dangerous chimney fires. See instructions.)
- Inspect connector pipe periodically for corrosion, weakness and holes which *all* connector pipes develop with use. Replace as necessary, usually after one to three heating seasons in normal use, more often heavily used.
- Always make sure make-up air is supplied into the structure to replace air used by the appliance; otherwise illness or death can result from carbon monoxide poisoning or lack of oxygen. Watch this particularly if the structure is (or you are about to make it) "weathertight."
- If insulating your home, do NOT insulate around connector or chimney pipe or fittings.
- Warn children away from heating appliances, connector pipe and chimney.

**POST THESE SAFETY INSTRUCTIONS NEAR THE INSTALLATION
FOR REFERENCE BY YOURSELF AND FUTURE OWNERS.**