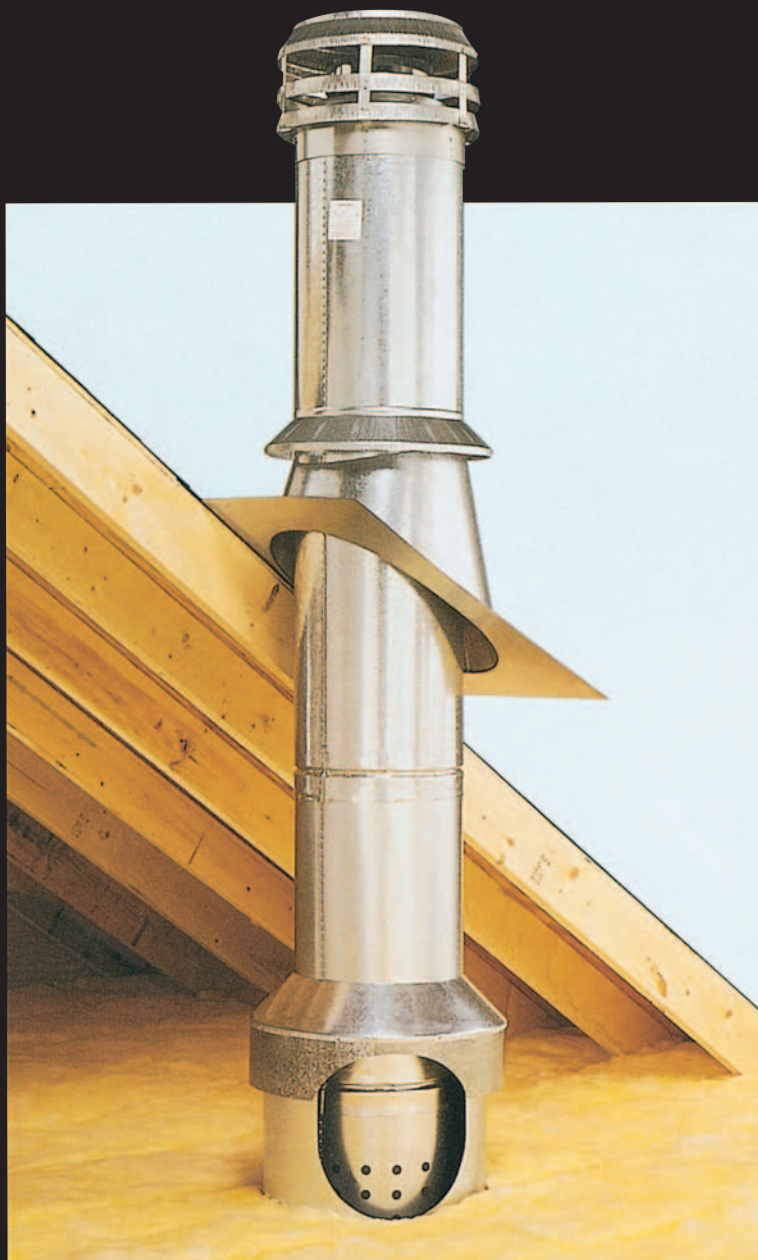


2100° chimney systems



**The safe way to save energy and
installation costs—burn wood, oil or gas**



Air-Jet Chimneys are
listed by
Underwriters
Laboratories,
103HT and accepted
by FHA and VA.

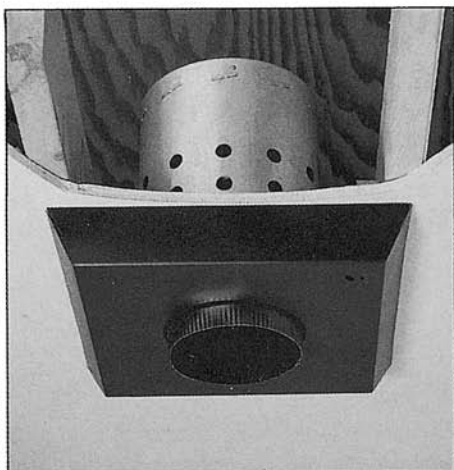
The only 2100° triple-wall, air-insulated metal chimney.

Built-in quality and safety for all fuels.

The improved technology behind the Air-Jet 2100° triple-wall, air-insulated metal chimney system qualifies it for safe use with fuels—used to fire:

- wood stoves
- free-standing fireplaces
- masonry fireplaces
- oil- or gas-fired appliances
- light commercial and industrial appliances
- domestic incinerators

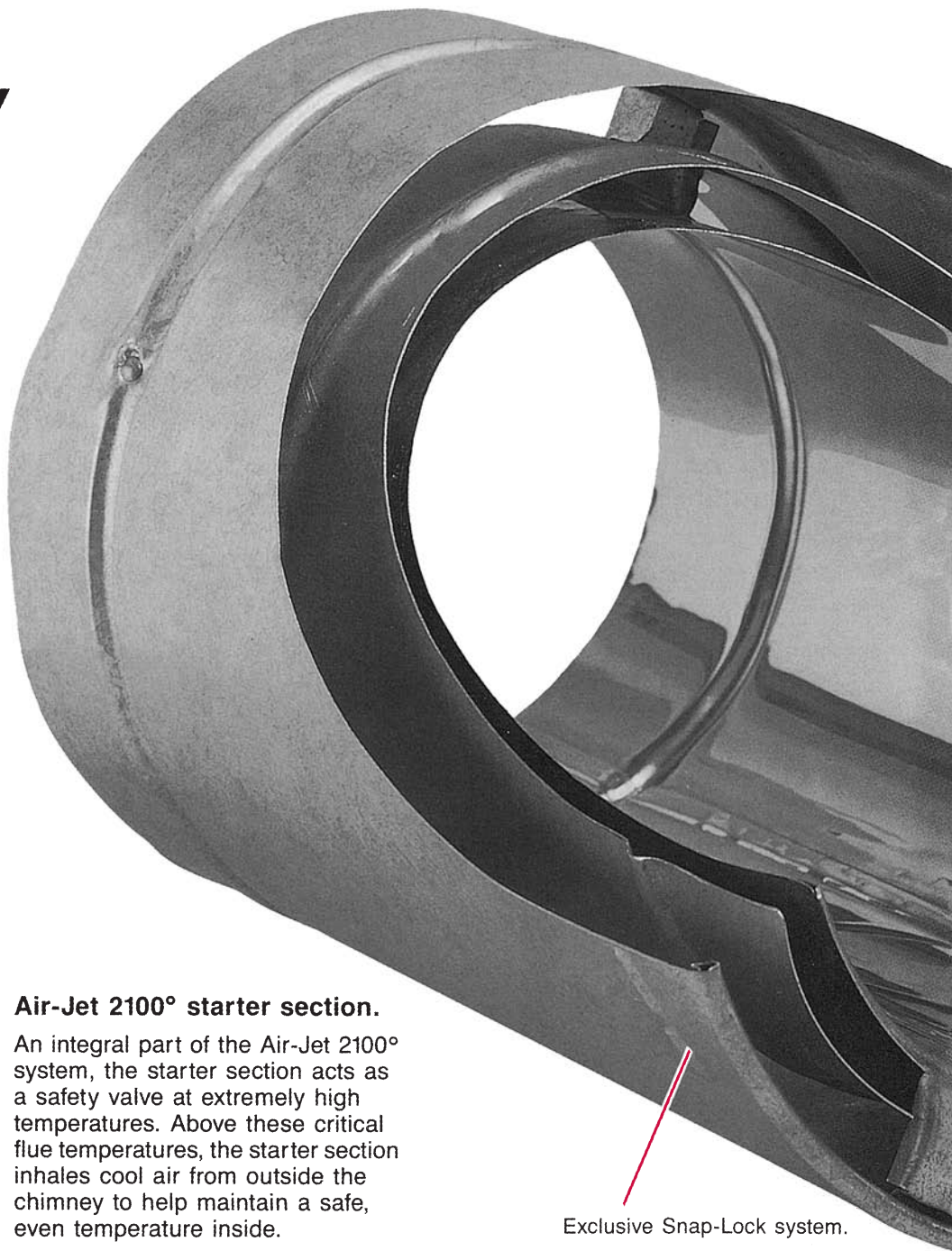
Considered the ultimate in high-temperature chimney safety, Air-Jet's 2100° system offers the same convenient dimensions and unique locking system as the original Air-Jet design, yet provides increased margins of safety to meet national code requirements.



Air-Jet 2100° starter section.

An integral part of the Air-Jet 2100° system, the starter section acts as a safety valve at extremely high temperatures. Above these critical flue temperatures, the starter section inhales cool air from outside the chimney to help maintain a safe, even temperature inside.

Exclusive dripless connectors are built right into the starter section, eliminating the need for "stove pipe adapters" to connect single-wall stove pipe to the Air-Jet 2100° system.



Exclusive Snap-Lock system.

Starter sections required with CKS, RSK and HL kits (not required with OTK kit). See page 4 for details.

Static air system during low firing conditions.

Thermo-Syphon air action during high temperature conditions, including chimney fire, insures complete safety.

Uniform protection throughout (no hot spots).

Four pipe lengths, including exclusive 4' lengths.

Lightweight design for easy handling and installation.

Easy framing dimensions require no cutting of ceiling or wall joists, in either 6" or 8" diameters.

Standard 2" clearance to combustibles or less as established by U.L. listed supports and shields.

Galvanized outer wall to resist atmospheric corrosion (.018" thickness).

Aluminized steel intermediate wall to reflect heat inward.

Stainless steel inner wall to withstand maximum temperatures and to resist corrosivity. .015" thickness for extra margin of safety.

Rolled male end.

UL 103HT listed.

Tested by Underwriters Laboratories.
Listed to UL 103HT which has temperature requirements as follows:

2100° for three 10 minute intervals

1700° for 10 minutes

1400° for 1 hour

1000° for continuous burn

Engineered for efficiency in operation and installation.

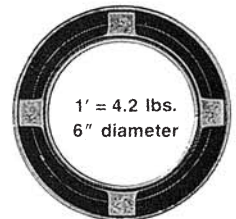
Prefabricated metal chimneys save substantial money and space when compared to conventional chimneys. And they are simple to install.

Unitized construction.

Multiple wall design makes use of air insulation and also creates a better draft action. Walls are bonded together as a single unit, designed to slip easily into its companion section.

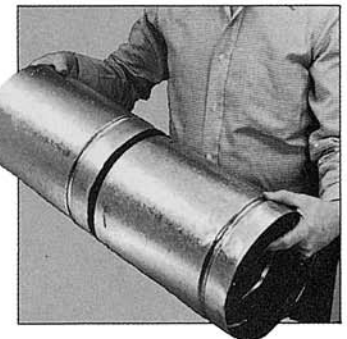
Lightweight for one-man installation.

Engineered for labor savings, Air-Jet chimneys are lightweight. One person can install the chimney quickly and economically.



Unique Snap-Lock design.

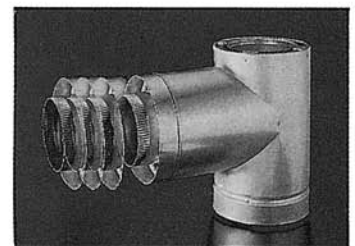
An exclusive Air-Jet feature. Assembly is quick and easy. Just line up outside seams and push down until pipe "snaps" into place. To disassemble, simply twist counterclockwise and lift.



Special 2100° features.

Exclusive adjustable snout tee. The Air-Jet adjustable snout tee, in 6" and 8" diameters, is the only tee assembly of its kind that fits between standard joists (16" O.C.). The result: a flush wall connection without a chimney extension in the room interior.

Accommodates approximately 4½"-8½" wall thicknesses. For thicker dimensions, simply add extra pipe. Includes dripless connector.



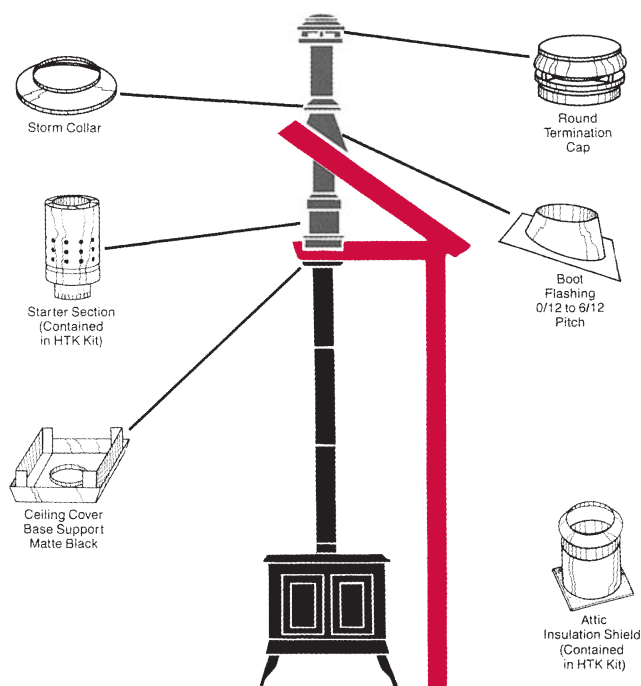
"Closed" roof flashing. Unlike many systems, the Air-Jet 2100° flashing is designed without ventilation openings to prevent rain leaks or entry of unwanted animals or debris.

Packaged kits save time and money.

All accessories conveniently packed in cartons. Easy to order, inventory and store. So handy on the job!

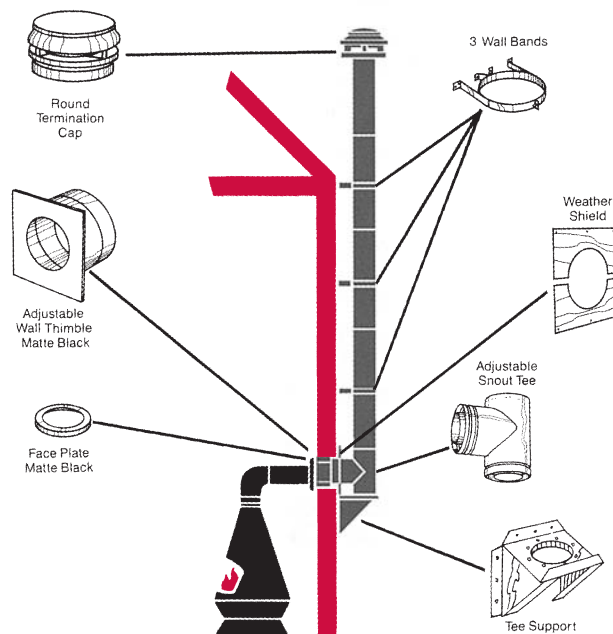
CKS Ceiling and Roof

Order: CHASE KIT & HTK KIT



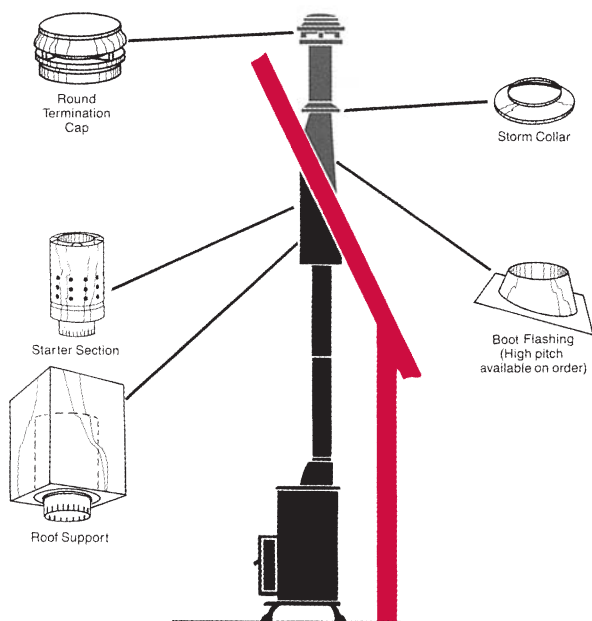
OTK Through-the-Wall

Order: OUTSIDE WALL KIT



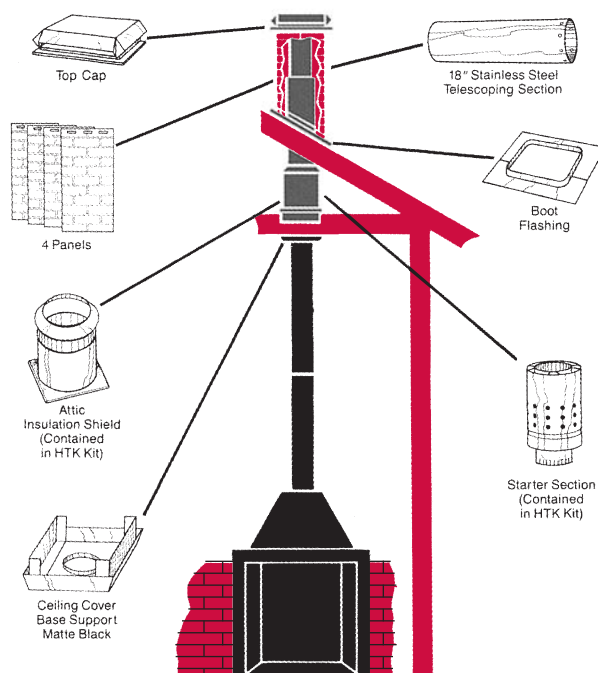
RSK "A" Frame

Order: ROOF SUPPORT KIT



HL Decorative Housing

Order: CHIMNEY HOUSING KIT & HTK KIT



It's easy to order Air-Jet® 2100° chimneys.

Air-Jet 2100° chimneys are easy to install whether you are venting a furnace, stove, water heater or fireplace burning oil, gas or wood.

1. Select a kit.

Determine what type of installation you need (see CKS, OTK, RSK and HL Page 4.) You will get all needed accessories packaged as a kit. The kit does not contain pipe sections.

2. Determine the diameter of pipe.

NOTE: The appliance, stove or fireplace will recommend a pipe size. Inside diameter of Air-Jet pipe should match diameter of single wall pipe coming off your appliance, stove or fireplace.

3. Determine total length of pipe.

To determine triple wall chimney requirements, measure from the hole in the ceiling or wall (first combustible surface) to the top of the installation as follows. Top of pipe must be 2 ft. higher than anything within 10 ft. of the chimney, and a minimum of 3 ft. above roof.

Order longest sections available. Ex. You need 9 feet of pipe. Get two 4-ft. sections and one 1-ft. section.

4. Determine chimney offset needs.

When calculating amount of offset needed, include radius of pipe ($4\frac{5}{16}$ " for 6" and $6\frac{5}{16}$ " for 8") PLUS 2" clearance for total offset from center line of $6\frac{5}{16}$ " for 6" and $8\frac{5}{16}$ " for 8". NOTE: Dimensions shown are theoretical. Manufacturing tolerance and installation variance can combine to create a total tolerance of + or - approximately $\frac{3}{8}$ ".

5. Select your Air-Jet roof flashing.

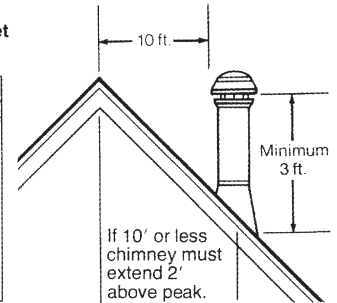
Determine the pitch of your roof by using one of the methods listed below. Then use the handy chart to see where your roof pitch falls. Example a 4/12 pitch roof falls into the 0/12 to 6/12.

- Rise over Run** A 4/12 roof is determined by measuring the vertical rise (4 feet), over the horizontal run (12 feet) to get to this rise. This method is always expressed X/12.
- Pitch** This method is expressed as a fraction of a full pitch (24/12). A 4/12 rise/run roof is expressed as a 1/6 pitch (4/12 divided by 24/12 = 4 divided by 24 or 1/6).
- Degree Measure** A 4/12 rise over run, or 1/6 pitch roof is also an angle of 18.4 degrees.

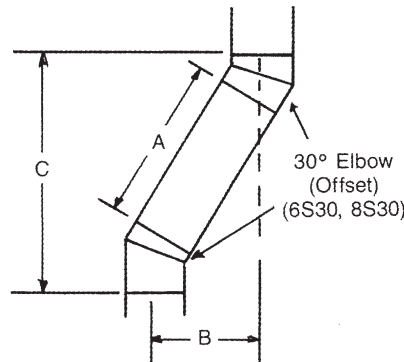
To determine number of chimney sections necessary for a chimney height of 25' or less, use chart below. NOTE: When using starter section, subtract 1' from your chimney height to get total amount of pipe needed.

Chimney Height	Pipe Length			
	4	3	2	1
6'	1			
7'	1	1		
8'	2			
9'	2			1
10'	2	1		
11'	2	1		
12'	3			1
13'	3			
14'	3	1		
15'	3	1		

Chimney Height	Pipe Length			
	4	3	2	1
16'	4			
17'	4			1
18'	4		1	
19'	4	1		
20'	5			
21'	5			1
22'	5		1	
23'	5	1		
24'	6			
25'	6			1



Chimney Offset Chart



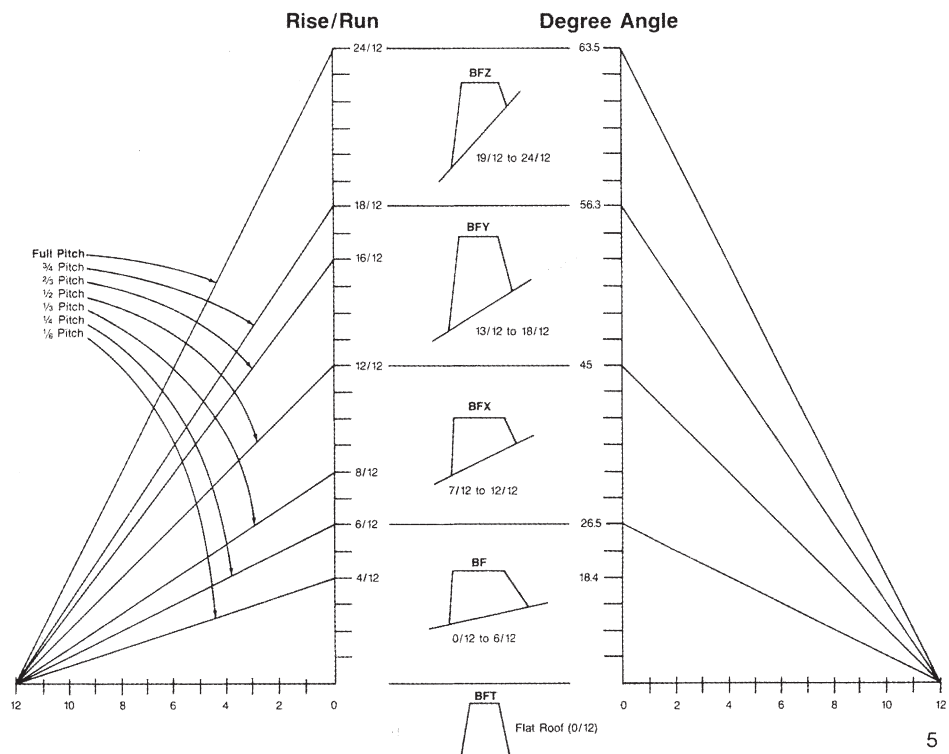
A = Amount of pipe in between pair of offset elbows.
B = Amount of offset centerline to centerline realized by pipe and ellis.
C = Amount of actual height added by pipe and ellis. This is the actual height added excluding locks.

6" Diameter Chimney

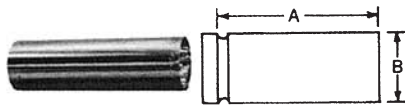
A Dimension No. of Ft. of Pipe	B Dimension Amount of Offset	C Dimension Amount of Rise
0 (Back to Back elbows)	43"	133"
1'	109"	233"
2'	163"	341"
3'	223"	441"
4'	283"	547"
5'	343"	654"
6'	403"	755"
7'	463"	86"
8' (Maximum offset)	523"	963"

8" Diameter Chimney

A Dimension No. of Ft. of Pipe	B Dimension Amount of Offset	C Dimension Amount of Rise
0 (Back to Back elbows)	5"	17"
1'	11"	273"
2'	17"	373"
3'	23"	481"
4'	29"	581"
5'	35"	687"
6'	41"	794"
7'	47"	895"
8' (Maximum offset)	53"	100"



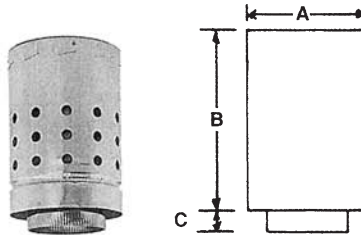
Components and accessories



Stainless Steel Lined Chimney Pipe Sections

All chimney sections are engineered for fast installing with no-twist Snap-Lock design. Light weight. Meets all National Code Requirements.

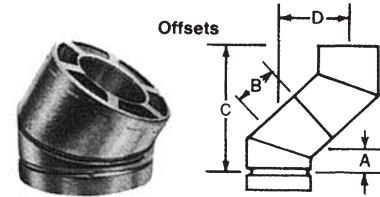
	A Length	B Outside Dia.
6S 1, 2, 3, 4	12", 24", 36", 48"	8 ⁵ / ₈ "
8S 1, 2, 3, 4	12", 24", 36", 48"	12 ⁵ / ₈ "
10J 2, 3	24", 36"	15 ¹ / ₄ "



Starter Section

Available in HTK kit only.

	6SS	8SS
A	8 ⁵ / ₈ "	12 ⁵ / ₈ "
B	12"	12"
C	1 ⁷ / ₈ "	1 ⁷ / ₈ "

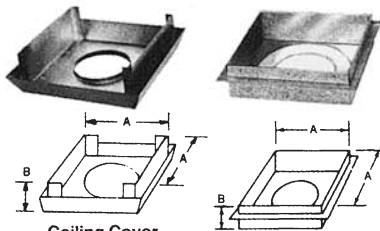


One 30° Elbow

(2 30° Elbows)

See offset chart on page 5.

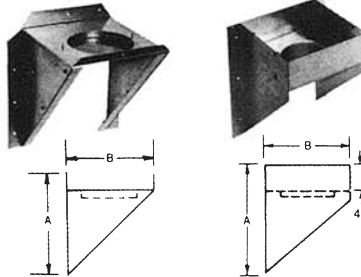
		A	B	C	D
30°	6S30	4 ⁵ / ₁₆ "	2 ⁷ / ₈ "	13 ³ / ₈ "	4 ³ / ₈ "
	8S30	3 ⁵ / ₁₆ "	4 ⁹ / ₁₆ "	17"	5"
	10J30	3 ⁵ / ₈ "	7 ¹ / ₂ "	20 ¹¹ / ₁₆ "	5 ¹³ / ₁₆ "



Ceiling Cover

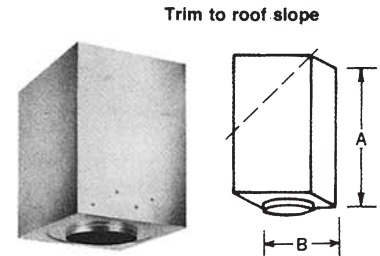
Base Support (6", 8") Base Support (10")
6" and 8" bases are designed for easy installation in standard 16" on center joist spacing.

	6SCCB	8SCCB	10JBS
A	12 ⁵ / ₈ "	14 ¹ / ₄ "	19"
B	4"	4"	4"



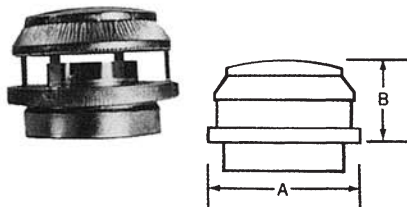
Tee Support (6", 8") Wall Support (10")

	6STS	8STS	10JWS
A	16 ¹ / ₄ "	16 ¹ / ₄ "	22"
B	12 ⁵ / ₈ "	15 ¹ / ₄ "	19"



Roof Support

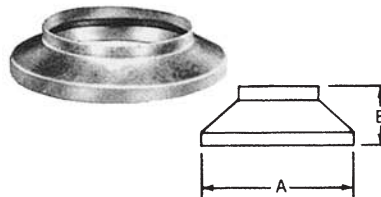
	6SRS	8SRS	10JRS
A	18"	18"	18"
B	12 ¹¹ / ₁₆ "	14 ⁵ / ₁₆ "	19 ¹ / ₁₆ "



Round Termination Cap

Stainless steel cap protects against down drafts.

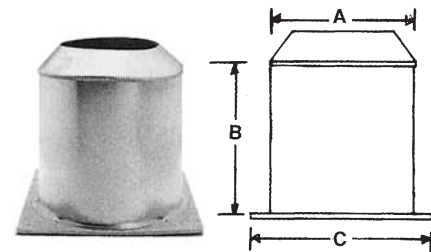
	6SU	8SU	10JU
A	11"	15"	25"
B	5 ¹ / ₄ "	11 ⁵ / ₈ "	14 ¹ / ₁₆ "



Storm Collars

Secondary flashing helps assure leakproof installation.

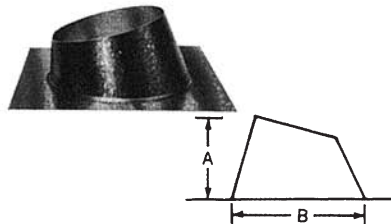
	6SSC	8SSC	10JSC
A	12 ⁵ / ₈ "	16 ³¹ / ₃₂ "	19 ¹ / ₂ "
B	2 ¹ / ₄ "	3 ¹ / ₄ "	4"



Attic Insulation Shield

Available in HTK kit only.

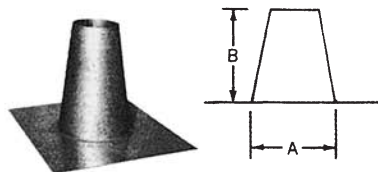
	6SIS	8SIS
A	12 ¹ / ₂ "	16 ¹ / ₂ "
B	11 ¹ / ₂ "	11 ¹ / ₂ "
C	14 ⁵ / ₈ "	18 ³ / ₈ "



Adjustable Boot Flashing

Extra-strong, leakproof flashing. Standard flashing adjusts from 0/12 to 6/12.

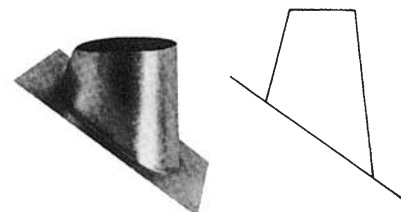
	6SBF	8SBF	10JBF
A	5 ⁵ / ₈ "	7 ¹ / ₂ "	5"
B	13 ³ / ₄ "	16 ¹ / ₄ "	20"



Tall Cone Flashing (Flat Roof)

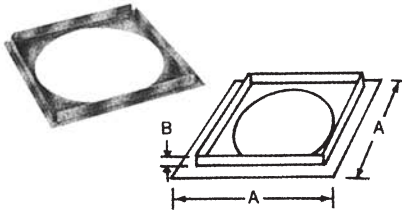
Should be used on all flat roofs to protect from standing water or snow. Its 12" height greatly reduces chance of leakage.

	6SBFT	8SBFT	10JBFT
A	12"	14 ⁵ / ₈ "	16 ¹ / ₄ "
B	12"	12"	12"



High Pitch Flashings

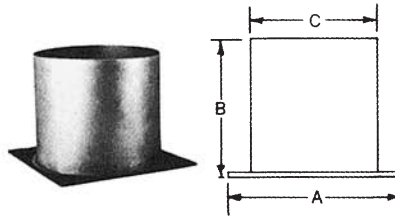
	Specify pipe size and pitch of roof	7/12 to 12/12 13/12 to 18/12 19/12 to 24/12
SBFX		
SBFY		
SBFZ		



Firestop Assembly

For multi-story applications, install on under-side of ceiling joists.

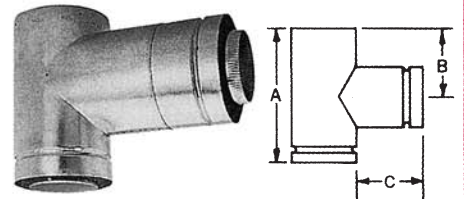
	10JFS
A	21 ³ / ₄ "
B	1"



Joist Shield

For multi-story applications, install on under-side of ceiling joists.

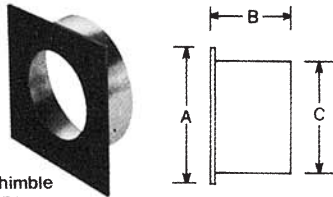
	6SJS	8SJS
A	14 ⁵ / ₈ "	16 ¹ / ₂ "
B	12"	12"
C	12 ⁵ / ₈ "	14 ³ / ₈ " Dia.



Adjustable Snout Tee

For through-the-wall installation.

	6ST	8ST	10JT
A	14 ⁵ / ₈ "	20 ¹ / ₂ "	25 ⁹ / ₁₆ "
B	6 ¹ / ₄ "	9 ³ / ₁₆ "	12 ¹⁵ / ₁₆ "
C	adjustable		

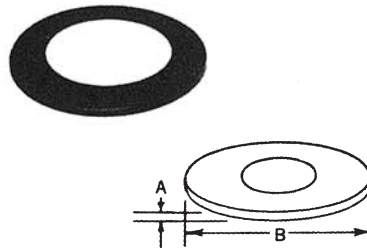


Wall Thimble

Matte Black

For use in passing through a wall. Adjustable to accommodate different wall depths.

	6SWT	8SWT	10JWT
A	14 ⁵ / ₈ "	16 ¹ / ₂ "	21 ¹³ / ₁₆ "
B	adjustable from 4 ¹ / ₂ " to 8"		
C	12 ³ / ₄ "	13"	17 ¹ / ₈ "



Face Plate

Matte Black

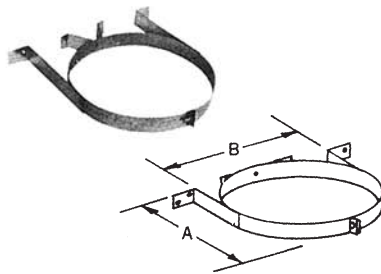
	6SFP	8SFP
A	1 ¹ / ₂ "	1 ¹ / ₂ "
B	8 ¹¹ / ₁₆ "	12 ¹¹ / ₁₆ "



Weather Shield

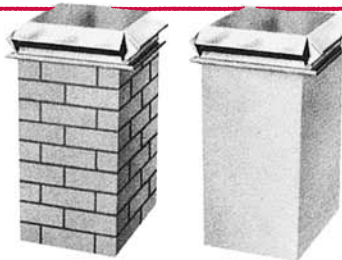
For weather-tight protection in through-the-wall installation. Place against wall around tee and caulk for sealing.

	6SWSH	8SWSH	10JWSH
A	14 ⁵ / ₈ "	16 ¹ / ₂ "	21 ¹³ / ₁₆ "



Wall Band

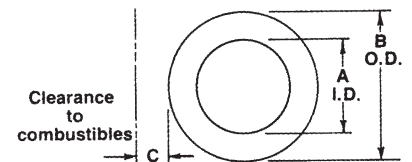
	6SWB	8SWB	10JWB
A	10 ³ / ₄ "	14 ³ / ₄ "	17 ¹ / ₄ "
B	8 ⁵ / ₈ "	12 ⁵ / ₈ "	15 ¹ / ₄ "



Chimney Housings

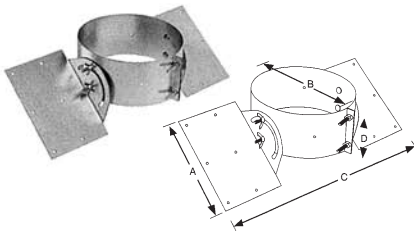
For 6" and 8" diameter pipes, these decorative housings are available with rancher top in red brick pattern or solid off-white. Size is 17" x 17". All housings are 3' or 4' in height. Kit includes base support, flashing, 18" telescoping connector, four panels & top cap.

Inside-Outside Diameters



Note—Maximum height for 6, 8 & 10" chimneys—50'.

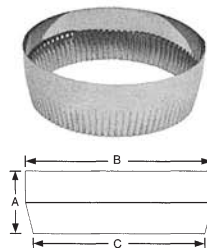
	Inside Diameter	6"	8"	10"
A	Outside Diameter	8 ⁵ / ₈ "	12 ⁵ / ₈ "	15 ¹ / ₄ "
B	Clearance to Comb	2"	2"	2"



Adjustable Pass Through Support

May be used in angled position for roof joists, or flat for chase or interior applications. Provides listed support while allowing chimney to pass through.

	6APTS	8APTS
A	8"	8"
B	8 ³ / ₄ "	12 ³ / ₄ "
C	20 ¹ / ₈ "	24 ¹ / ₈ "
D	4	4



Stainless Stove Pipe Adapter

Drip-free hookup of triple wall pipe to single wall on oil installations, where starter section is not required.

	6SPA	8SPA	10SPA
A	2"	2"	2"
B	6 ¹ / ₁₆ "	8 ¹ / ₁₆ "	10 ¹ / ₁₆ "
C	5 ³ / ₄ "	7 ³ / ₄ "	9 ³ / ₄ "



NOTE: 6" + 8" Air-Jet chimney systems listed to 2100° UL 103HT

10" Air-Jet chimney systems listed to 1700° UL103

Show the Air-Jet 2100° advantages and you'll come out on top.

Air-Jet, along with A. J. Sweep, our easily recognizable symbol of quality and safety, helps you sell every step of the way. In-store displays, stuffers and ad slicks comprise a complete merchandising program. Use them wisely and they will do the selling for you...catching customer interest, explaining the benefits and closing the sale.

Point-of-Purchase Display.

This full size, attention-getting display provides customers with important decision-making facts.



Consumer Stuffer.

The colorful fold-out stuffer is designed for counter or mail distribution. It highlights the benefits of Air-Jet 2100° chimney systems and offers detailed installation instructions.



Packaged kits:

an extra convenience for you—and your customers.

Air-Jet's 2100° kit accessories come conveniently packaged in informative cartons.



Ad Slicks.

Professionally prepared ads are ready to go. Use them to create your own specials, as well.



Distributed by:

- big time and money savers
- simplifies inventory—fewer SKU's
- easy to order
- attractive, 4-color graphics for greater consumer appeal

Quality and Service For Over 40 Years

AIRJET

3020 MINE ROAD FREDERICKSBURG, VA 22408
PHONE: 866.324.7538 FAX: 574.262.2075