

Comfort Systems USA (Arkansas), Inc.
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Little Rock, AR 72231
Phone 501-834-3320
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Date: 07/14/2026
Return Request: 08/11/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Boiler Flues B 1-3
Submittal Number: 23 51 00-01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

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CSUSA PROJECT NO.
26-5034

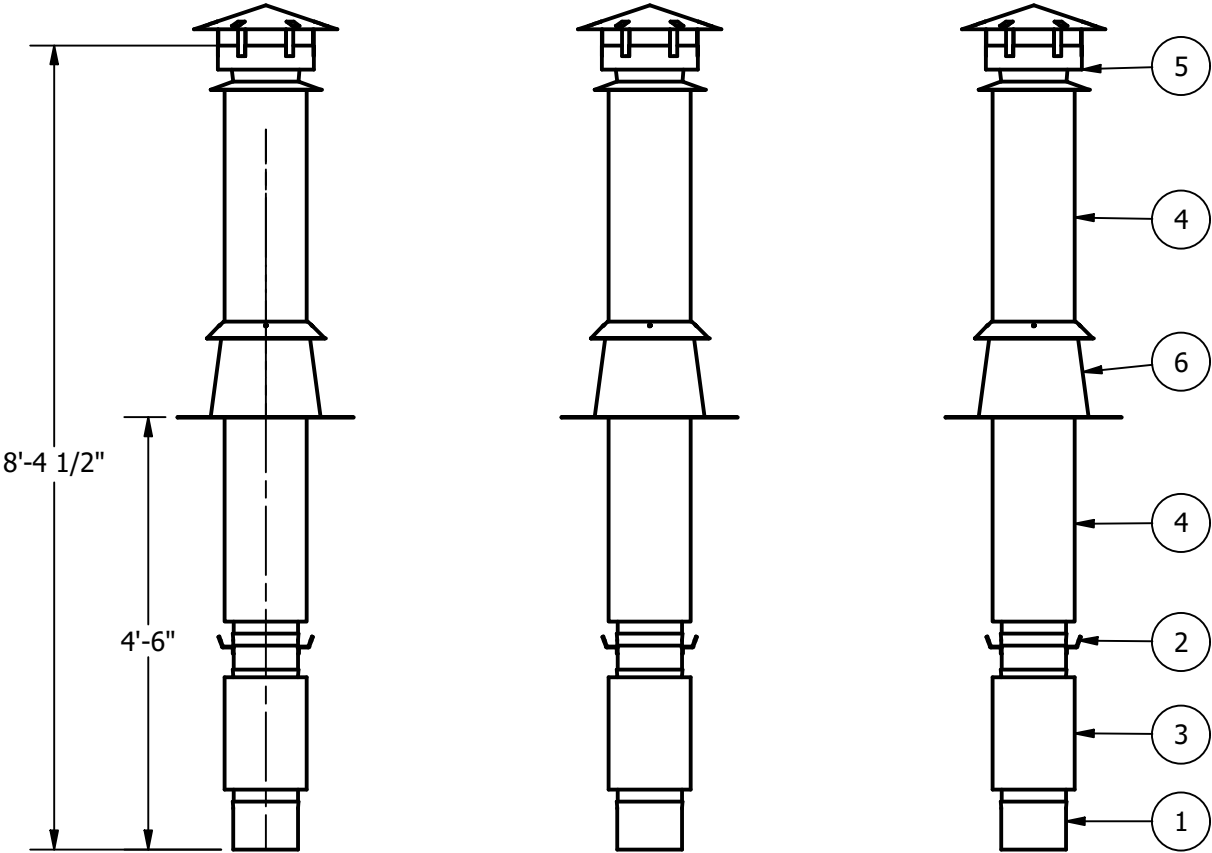
jzuber@comfortar.com

Submittal

JOB NAME	Highlands Building at Pinnacle Hills Rogers
JOB NUMBER	26ADCA0017-1
PRODUCT	Boiler Flue for Boilers B-1,2,3
MANUFACTURER	Heatfab
LOCATION	Rogers, AR
DATE	June 25, 2026
SPECIFICATION	23 51 00 (not provided)
LEAD TIME	3 Weeks
ENGINEER	IMEG
CONTRACTOR	Knight & Wilson
SUBMITTED BY	Chris Atwood

NOTE: VENTING IS 8"ID, 10"OD
NOTE: THREE VENTS ARE IDENTICAL

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	20125457	8" (197MM) RIELLO EZ/CI PLUS ADPT, CENTROTHERM
2	3	CCA08GUY	CI PLUS 8" GUY SUPPORT
3	3	CCA08L18	CI PLUS 8" 18 LENGTH
4	6	CCA08L36	CI PLUS 8" 36 LENGTH
5	3	CCA08RC	CI PLUS 8" RAIN CAP
6	3	CCM08TCF	CI PLUS 8" TALL CONE FLASHING AND SUPPORT
7	2	7001SIL-5	LUB SILICONE 5.3 OZ
8	1	7000RTV	SEAL SILICONE 2.8 OZ GE RTV106



APPROVAL SIGNATURE
TITLE HELD
DATE OF APPROVAL

THE ITEM(S) CONTAINED IN THIS BILL OF MATERIALS WILL BE BUILT SOLELY FOR THIS JOB. THEREFORE, THIS DOCUMENT MUST BE FIELD VERIFIED AND/OR APPROVED BEFORE THE ORDER WILL BE ENTERED FOR MANUFACTURING.

GENERAL NOTES:

- 1.) ALL HORIZONTAL RUNS MUST BE CONSISTENTLY PITCHED UPWARD & AWAY AT A MINIMUM OF 1/4-INCH PER FOOT, SO THAT CONDENSATE DRAINS BACK TOWARD THE APPLIANCE OR INLINE DRAIN.
- 2.) FOR Ø16" AND UNDER, LIBERALLY APPLY THE SILICONE GASKET LUBRICANT (DI-ELECTRIC GREASE, P/N 7001SIL-5) TO THE FACTORY APPLIED GASKET.
- 3.) HORIZONTAL SUPPORTS ARE REQUIRED EVERY 6 FEET, & AT EACH CHANGE OF DIRECTION.
- 4.) FIELD FRAMING & BUILDING TIE-BACK IS REQUIRED WHEN USING THE VSP VERTICAL SUPPORT PLATE.
- 5.) INSTALLER IS TO FIELD VERIFY ALL DIMENSIONS AND PARTS ON THE PARTS LIST BEFORE ORDERING FROM THIS DRAWING.
- 6.) ALL APPLIANCE MANUFACTURER AND HEATFAB IOM (INSTALLATION INSTRUCTIONS), AS WELL AS ANY LOCAL OR NATIONAL CODES, SHOULD BE FOLLOWED WHEN INSTALLING THIS SYSTEM.

heatfab®		
Commercial/Industrial Air Distribution Systems		Grand Rapids, Michigan
MATERIAL TYPE:		
MODEL: CI PLUS	INSULATION: 1" AIR GAP	MATERIAL: 29-4C/430SS
TITLE: Highlands Building at Pinnacle Hills		
REPRESENTATIVE: Powers of Arkansas		
ENGR: bfreet	APPR.:	SHEET NO:
DATE: 5/27/2026	DATE:	1/1
SCALE:	DWG. NO.:	SHEET SIZE:
1/4" = 1'-0"	DVG26-88-1	8 X 11 (Inches)

Elevation View

Parts Catalog

Technical and Dimensional Data

Heatfab Saf-T Vent® CI Plus

Double Wall
One Inch Air Space
Special Gas Vent
Super-ferritic Stainless Steel
UNS S44735 (29-4C)

For Venting Commercial & Industrial Applications

Condensing Appliances

Category I,II,III,IV Appliances

For Use on Negative, Neutral and Positive Pressures (up to 15" W.C.)

Also for Venting Listed Gas or Oil Fired Appliances Listed as suitable for
Venting with Type L Vent Low-Temperature Venting Systems

Sizes: 4" - 32" Diameters



Tested and Listed
UL 1738, ULC S636
UL 641, ULC-609 and ULC/ORD-441
by Underwriters Laboratories, Inc.

heatfab®

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Heatfab Saf-T Vent® CI Plus

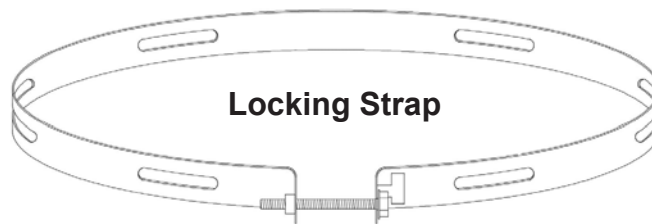
Introduction:

Saf-T Vent CI Plus is a superferritic stainless steel (29-4C) conduit with a one-inch air space and a type 430 stainless steel outer jacket. It is ideal for close clearance installation within building chases.

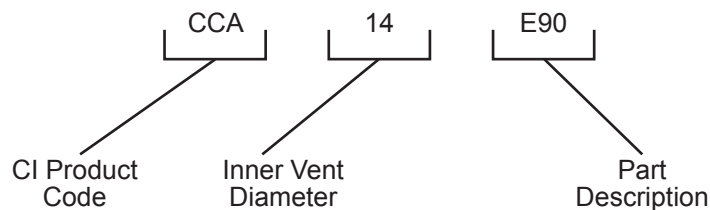
Saf-T Vent CI Plus combines the tight fit of the tapered male and female expands with a closure system which consists of tabs and a locking strap. The locking strap provides a mechanical connection between the two assembled sections. It also serves to pull together the two pieces, making a pressure-tight assembly. The locking strap is tightened from a single location using a simple hand tool. This single-point fastening system allows one installer to complete an assembly without rotating the sections or rotating himself around the sections.

The double-wall construction allows for an insulating blanket of 1" air space between the inner wall and the outer wall. Each pipe comes with a wide outer coupler band to conceal the inner pipe joint; replacement bands are available in 5", 8" or 12" widths. This air insulation has the advantage of keeping the flue gases warmer as well as making the skin temperature of the outer wall cooler. The reduced skin temperature allows the product to be installed in closer proximity to combustible materials. Refer to the installation instructions for Heat-fab's Saf-T Vent CI Plus system.

**CI Plus is also available with fiberglass insulation between the walls (ICC.... part codes) for further skin reduction temperatures. Clearances to combustibles remain the same as 1" airspace model.



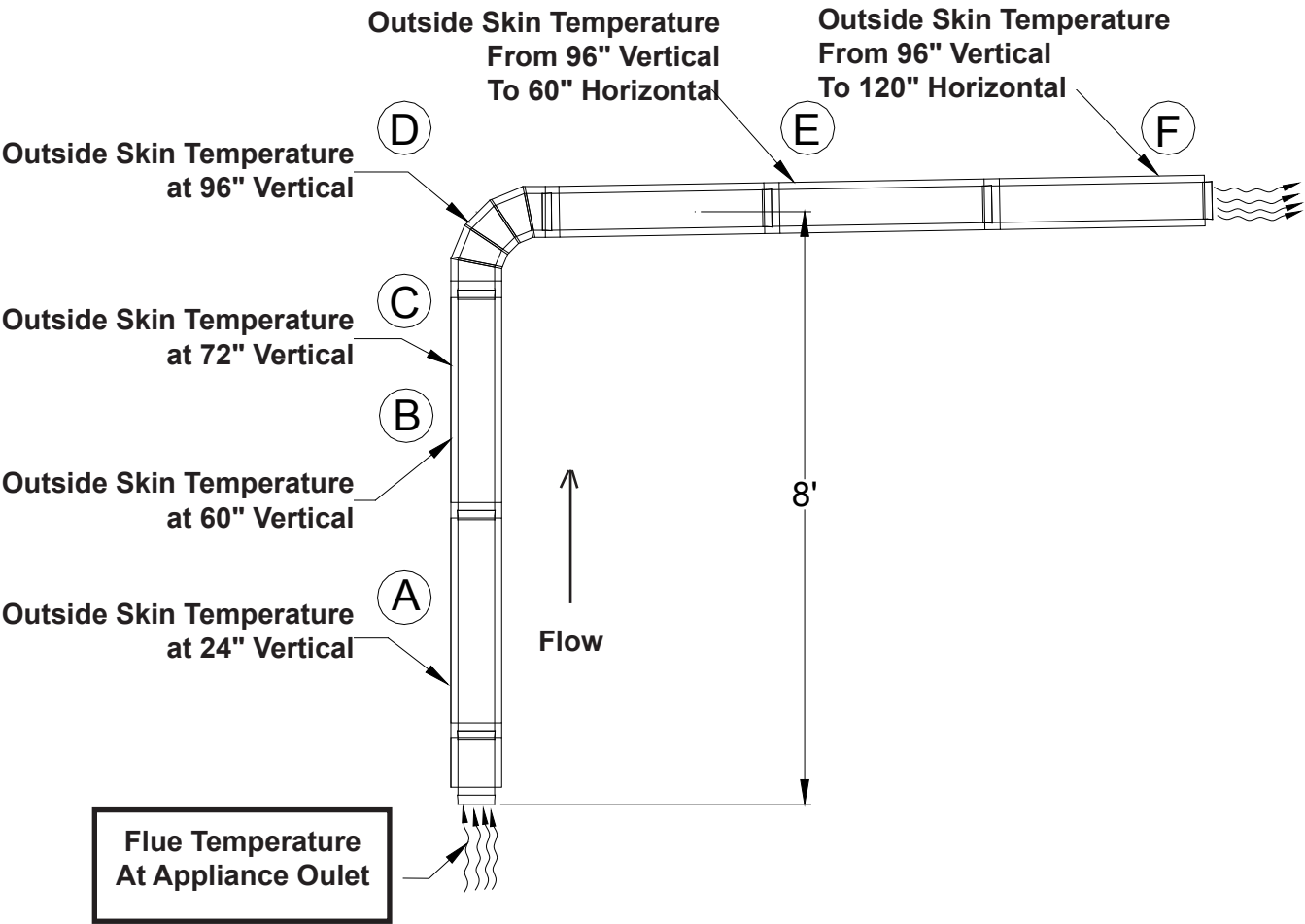
Part Numbering System for CI Plus



Heatfab Saf-T Vent® CI Plus

Typical Outside Skin Temperature
6" Diameter at 4 Hour Continuous Operation

			Location Ⓐ	Location Ⓑ	Location Ⓒ	Location Ⓓ	Location Ⓔ	Location Ⓕ
Model	Appliance Outlet Flue Temperature	Room Ambient Temperature	24" Vertical	60" Vertical	72" Vertical	96" Vertical	96" Vertical & 60" Horizontal	96" Vertical & 120" Horizontal
Saf-T Vent CI Plus	300°F / 149°C	75°F / 24°C	100°F / 38°	110°F / 43°C	120°F / 49°C	135°F / 57°C	142°F / 61°C	132°F / 56°C
Saf-T Vent CI Plus	380°F / 193°C	75°F / 24°C	132°F / 56°C	124°F / 52°C	129°F / 58°C	149°F / 65°C	164°F / 73°C	151°F / 66°C
Saf-T Vent CI Plus	420°F / 216°C	75°F / 24°C	138°F / 59°C	138°F / 59°	126°F / 69°C	157°F / 77°C	170°F / 77°C	161°F / 72°C



Heatfab Saf-T Vent® CI Plus

Material Thickness:

Inner Vent Diameter	Wall Thickness – Inner Vent	Wall Thickness – Outer Jacket
4 – 8"	0.015" (28 ga)	0.024" (24 ga)
9 – 16"	0.020" (26 ga)	
18 – 24"	0.025" (24 ga)	
26 – 32"	0.035" (20 ga)	0.030" (22 ga)

Accessories:

RTV Sealant – In order to have a UL Listed system, Saf-T Vent CI Plus parts without a factory adhered gasket/seal must be installed with one of the following approved RTV sealants:

Maximum Appliance Flue Gas Temperature	U.L. Listed Heatfab Sealant	Size	U.L Listed Heatfab Sealant Part Number
550° F	Silicone	2.8 oz.	7000RTV
		10 oz.	7000RTVL
	Viton/FKM	12 oz.	7000FKM

Approximate Coverage

The table below shows the approximate number of installed joints that can be completed with a container of sealant. These figures are based on a 1/4" bead of sealant. Actual coverage may vary.

Note: In planning the sealant required for an installation, please be aware that certain fittings require additional sealant in order to achieve a proper positive-pressure seal. The following types of parts should be counted as 2 joints toward the Sealant coverage table:

- Boiler Starters
- Adjustable Sections
- Flue Collar Adapters
- Boot Tees

*Diameters 4" thru 16" are manufactured with a factory-installed integral gasket and will not need sealant in the joint.

Factory Installed Gasket Lubricant:

It is required to apply gasket lubricant (p/n 7001SIL-5, sold separately) to the factory installed integral gasket when assembling the pipe. Apply lubricant directly to the gasket on the inside female pipe end, both edges of gasket. Reference installation manual.

Approx Number of Joints for Sealant		
Inner Vent Diameter, Inches	3 oz Tube	10 oz Cartridge
18	4	14
20	4	13
22	3	12
24	3	11
26	3	10
28	3	9
30	2	9
32	2	8

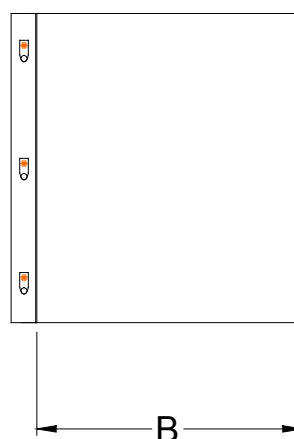
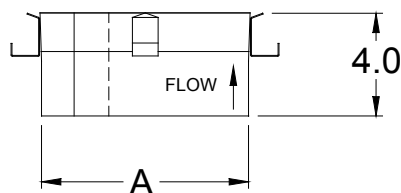
Approx Number of Joints for Lube	
Inner Vent Diameter, Inches	5 oz Tube
4"	25
5"	20
6"	19
7"	18
8"	14
9"	13
10"	10
12"	9
14"	7
16"	6

Heatfab Saf-T Vent® CI Plus

Accessories:

Universal Boiler Adapter— Used horizontally or vertically to adapt Saf-T Vent CI Plus to nominal diameter flue collars, it can also adapt to boiler collars that are slightly out of round. The adapter comes with a joint locking strap, boiler collar clamp and a coupler band. (Field caulk seams as necessary)

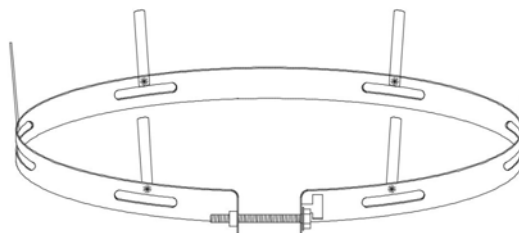
Part Number	DIM - A Nominal Inner Diameter	DIM - B Nominal Diameter Outer Jacket
CCA04ADUV	4	6.3
CCA05ADUV	5	7.3
CCA06ADUV	6	8.3
CCA07ADUV	7	9.3
CCA08ADUV	8	10.3
CCA09ADUV	9	11.3
CCA10ADUV	10	12.3
CCA12ADUV	12	14.3
CCA14ADUV	14	16.3
CCA16ADUV	16	18.3
CCA18ADUV	18	20.3
CCA20ADUV	20	22.3
CCA22ADUV	22	24.3
CCA24ADUV	24	26.3
CCA26ADUV	26	28.3
CCA28ADUV	28	30.3
CCA30ADUV	30	32.3
CCA32ADUV	32	34.3



**Universal
Boiler Adapter**

Adapter From CI Plus to EZ Seal Plus / EZ Seal Plus to CI Plus— Used horizontally or vertically to adapt to or from Saf-T Vent CI Plus nominal diameter to Saf-T Vent EZ Seal Plus. The adapter consists of a joint locking strap with tabs for connecting to the Saf-T Vent EZ Seal Plus ring.

Part Number	DIM - A Nominal Vent Diameter
CCA04ADSV	4
CCA05ADSV	5
CCA06ADSV	6
CCA07ADSV	7
CCA08ADSV	8
CCA09ADSV	9
CCA10ADSV	10
CCA12ADSV	12
CCA14ADSV	14
CCA16ADSV	16



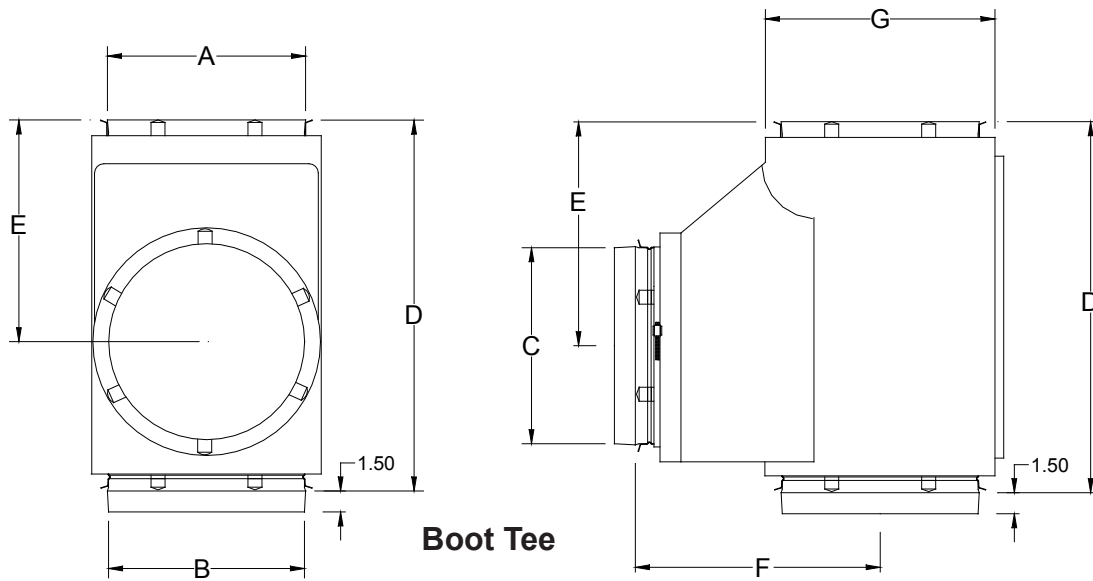
**Vent Adapter
To Saf-T Vent CI & EZ Seal**

Heatfab Saf-T Vent® CI Plus

Boot Tees:

Boot Tee — Use vertically or horizontally to add appliances into a common-vent system. When installed horizontally, the male end of the tee body may be capped off with a tee cover to allow for future appliances. When used in conjunction with a drain tee cover, the boot tee will effectively transition a vent system from a horizontal to a vertical orientation while allowing for proper condensate drainage. The pressure drop through the tap for this fitting is equivalent to 15 feet of horizontal vent. Both inlet connections rotate to accommodate direction changes. Each Boot Tee comes standard with a coupler, one joint locking strap and two rotating clamps.

Part Number	DIM - A Out	DIM - B In	DIM - C Tap	DIM - D Installed Length	DIM - E Centerline of Tap to Outlet	DIM - F Installed from Tap to Outlet Centerline	DIM - G Nominal Diameter Outer Jacket
CCA04BT	4	4	4	16.5	11	12.5	6.3
CCA05BT	5	5	5	17.5	11.5	13	7.3
CCA06BT	6	6	6	18.5	12	13.5	8.3
CCA07BT	7	7	7	19.5	12.5	14	9.3
CCA08BT	8	8	8	20.5	13	14.5	10.3
CCA09BT	9	9	9	21.5	13.5	15	11.3
CCA10BT	10	10	10	22.5	14	15.5	12.3
CCA12BT	12	12	12	24.5	15	16.5	14.3
CCA14BT	14	14	14	26.5	16	17.5	16.3
CCA16BT	16	16	16	28.5	17	18.5	18.3
CCA18BT	18	18	18	30.5	18	19.5	20.3
CCA20BT	20	20	20	32.5	19	20.5	22.3
CCA22BT	22	22	22	34.5	20	21.5	24.3
CCA24BT	24	24	24	36.5	21	22.5	26.3
CCA26BT	26	26	26	38.5	22	23.5	28.3
CCA28BT	28	28	28	40.5	23	24.5	30.3
CCA30BT	30	30	30	42.5	24	25.5	32.3



*Also available as a Sloped Boot Tee to allow for easier upward pitch in horizontal runs; p/n SBT

**Lateral 45 deg Tees (CCA_LAT) & special Double Lateral Tees (aka Wyes and Double Wyes) are available upon request. Heights are the same as Boot Tees.

Heatfab Saf-T Vent® CI Plus

Straight Lengths:

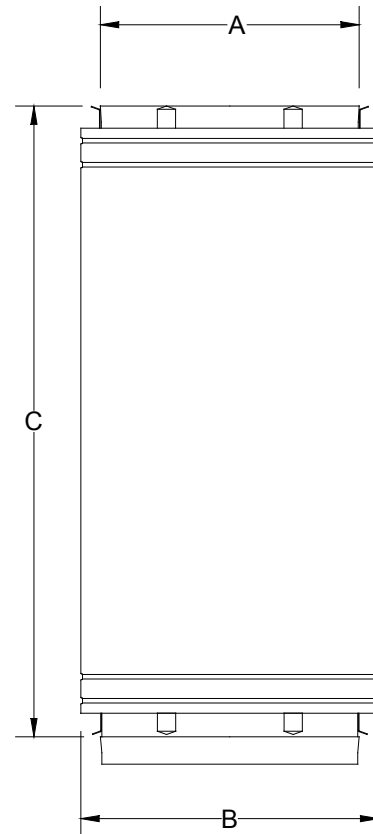
Horizontal and Vertical —When used horizontally, install vent with a continuous pitch of 1/4" per foot, sloping upward toward the termination, draining back toward the appliance or inline drain. It is important to provide adequate support to a Saf-T Vent CI Plus system, refer to installation instructions for support specifications. Each section comes with a coupler and a joint locking strap.

12" Length

Part Number	DIM - A Nominal Vent Pipe Diameter	DIM - B Nominal Outer Jacket Diameter	DIM - C Installed Length
CCA04L12	4	6.3	10.5
CCA05L12	5	7.3	10.5
CCA06L12	6	8.3	10.5
CCA07L12	7	9.3	10.5
CCA08L12	8	10.3	10.5
CCA09L12	9	11.3	10.5
CCA10L12	10	12.3	10.5
CCA12L12	12	14.3	10.5
CCA14L12	14	16.3	10.5
CCA16L12	16	18.3	10.5
CCA18L12	18	20.3	10.5
CCA20L12	20	22.3	10.5
CCA22L12	22	24.3	10.5
CCA24L12	24	26.3	10.5
CCA26L12	26	28.3	10.5
CCA28L12	28	30.3	10.5
CCA30L12	30	32.3	10.5
CCA32L12	32	34.3	10.5

18" Length

CCA04L18	4	6.3	16.5
CCA05L18	5	7.3	16.5
CCA06L18	6	8.3	16.5
CCA07L18	7	9.3	16.5
CCA08L18	8	10.3	16.5
CCA09L18	9	11.3	16.5
CCA10L18	10	12.3	16.5
CCA12L18	12	14.3	16.5
CCA14L18	14	16.3	16.5
CCA16L18	16	18.3	16.5
CCA18L18	18	20.3	16.5
CCA20L18	20	22.3	16.5
CCA22L18	22	24.3	16.5
CCA24L18	24	26.3	16.5
CCA26L18	26	28.3	16.5
CCA28L18	28	30.3	16.5
CCA30L18	30	32.3	16.5
CCA32L18	32	34.3	16.5



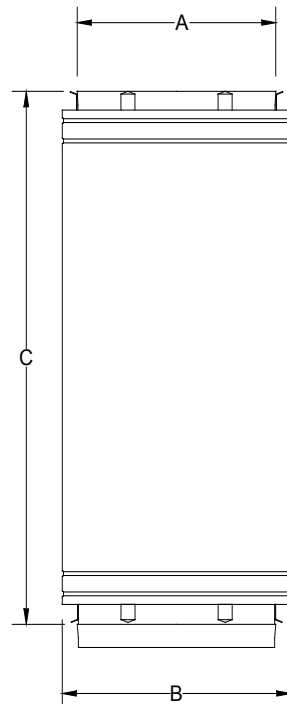
Heatfab Saf-T Vent® CI Plus

Straight Lengths:

Horizontal and Vertical —When used horizontally, install vent with a continuous pitch of 1/4" per foot, sloping upward toward the termination, draining back toward the appliance or inline drain. It is important to provide adequate support to a Saf-T Vent CI Plus system, refer to installation instructions for support specifications. Each section comes with a coupler and a joint locking strap.

24", 36" Length

Part Number	DIM - A Nominal Vent Pipe Diameter	DIM - B Nominal Outer Jacket Diameter	xx = 24	DIM - C Installed Length xx = 36
CCA04Lxx	4	6.3	22.5	34.5
CCA05Lxx	5	7.3	22.5	34.5
CCA06Lxx	6	8.3	22.5	34.5
CCA07Lxx	7	9.3	22.5	34.5
CCA08Lxx	8	10.3	22.5	34.5
CCA09Lxx	9	11.3	22.5	34.5
CCA10Lxx	10	12.3	22.5	34.5
CCA12Lxx	12	14.3	22.5	34.5
CCA14Lxx	14	16.3	22.5	34.5
CCA16Lxx	16	18.3	22.5	34.5
CCA18Lxx	18	20.3	22.5	34.5
CCA20Lxx	20	22.3	22.5	34.5
CCA22Lxx	22	24.3	22.5	34.5
CCA24Lxx	24	26.3	22.5	34.5
CCA26Lxx	26	28.3	22.5	34.5
CCA28Lxx	28	30.3	22.5	34.5
CCA30Lxx	30	32.3	22.5	34.5
CCA32Lxx	32	34.3	22.5	34.5

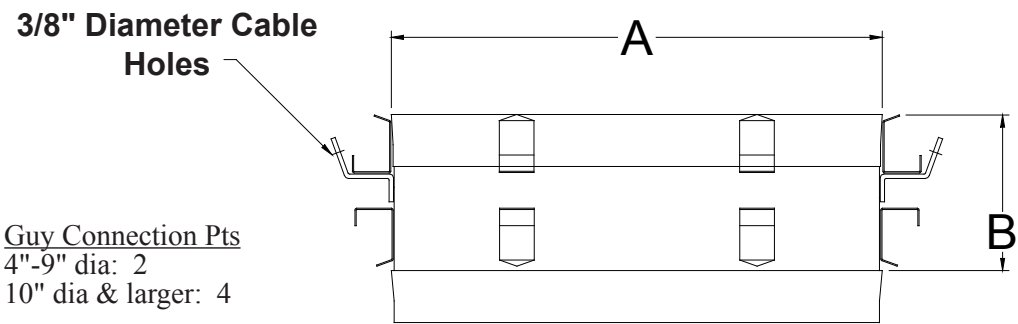


Heatfab Saf-T Vent® CI Plus

Supports:

Guy Support Section — Provides vertical support using a part that is a flue-gas-carrying component of the vent system. Guy sections are primarily installed in long, inaccessible chases or used to provide support to systems with extended lengths above the roofline. Attach the guy section using stainless steel or galvanized cables or chain (supplied by others). Each guy section comes with a coupler and a joint locking strap. Refer to installation instructions for spacing between supports.

Part Number	DIM - A Nominal Diameter	DIM - B Installed Height	DIM - C Hole Diameter
CCA04GUY	4	4.5	0.38
CCA05GUY	5	4.5	0.38
CCA06GUY	6	4.5	0.38
CCA07GUY	7	4.5	0.38
CCA08GUY	8	4.5	0.38
CCA09GUY	9	4.5	0.38
CCA10GUY	10	4.5	0.38
CCA12GUY	12	4.5	0.38
CCA14GUY	14	4.5	0.38
CCA16GUY	16	4.5	0.38
CCA18GUY	18	4.5	0.38
CCA20GUY	20	4.5	0.38
CCA22GUY	22	4.5	0.38
CCA24GUY	24	4.5	0.38
CCA26GUY	26	4.5	0.38
CCA28GUY	28	4.5	0.38
CCA30GUY	30	4.5	0.38
CCA32GUY	32	4.5	0.38



Guy Connection Pts
4"-9" dia: 2
10" dia & larger: 4

(3) GuyConnection Pts
are available: p/n
CCA_GUY3.

For above roof guying,
order separately the
Pitched Storm Collar:
CCM_PSC

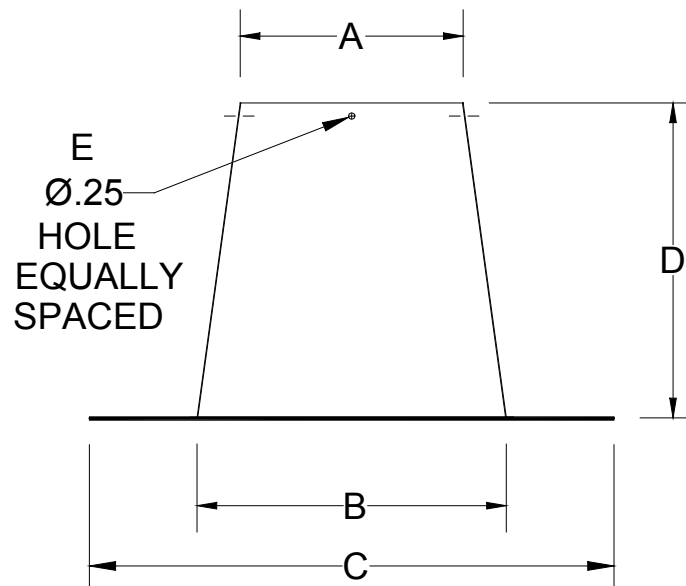
Guy Support Section

Heatfab Saf-T Vent® CI Plus

Supports:

Tall Cone Flashing and Support— Use as a vertical roof penetration/support in conjunction with a combustible chase. Can be used with a roof curb if needed. Can be used on metal roofs with a 2-12 pitch. This part comes with a storm collar and support screws and is of all stainless steel construction. A Vented Termination Collar **must** be used when installed in a combustible chase and must be ordered separately. CAUTION: the support screws can **only** be installed with Saf-T Vent CI Plus venting.

Part Number	Inner Vent Diameter Opening	DIM-A Top of Cone Opening	DIM - B Bottom of Cone (Square)	DIM - C Face Plate Height	DIM - D Overall of Holes	DIM-E Quantity
CCM04TCF	4	6.5	9.75	18	2	4
CCM05TCF	5	7.5	10.75	20	12	4
CCM06TCF	6	8.5	11.75	20	12	4
CCM07TCF	7	9.5	12.75	22	12	4
CCM08TCF	8	10.5	13.75	22	12	4
CCM09TCF	9	11.5	14.75	24	12	4
CCM10TCF	10	12.5	15.75	24	12	4
CCM12TCF	12	14.5	17.75	26	12	4
CCM14TCF	14	16.5	19.75	28	12	6
CCM16TCF	16	18.5	21.75	30	16	6
CCM18TCF	18	20.5	23.75	32	12	6
CCM20TCF	20	22.5	25.75	34	12	6
CCM22TCF	22	24.5	27.75	36	12	6
CCM24TCF	24	26.5	29.75	38	12	8
CCM26TCF	26	28.5	31.75	40	12	8
CCM28TCF	28	30.5	33.75	42	12	8
CCM30TCF	30	32.5	35.75	44	12	8
CCM32TCF	32	34.5	37.75	46	12	8



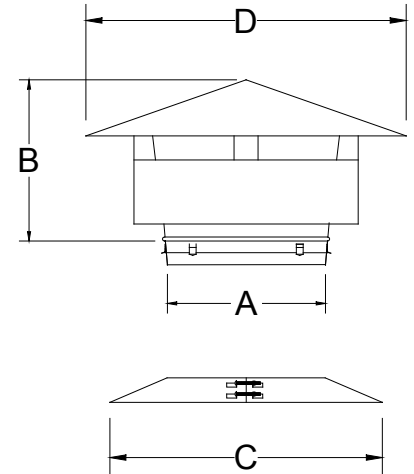
Tall Cone Flashing and Support

Heatfab Saf-T Vent® CI Plus

Terminations:

Rain Cap — Use as a termination on vertical systems. Category I and II appliances require a raincap with wind protection. Vent systems for positive pressure appliances may omit the raincap if there are other provisions for draining rainwater from the system. The raincap may also be used as a horizontal termination. Each raincap includes a joint locking strap as well as a storm collar. Call Heatfab to inquire about larger diameters. (not shown: 26"-32" sizes which are also available)

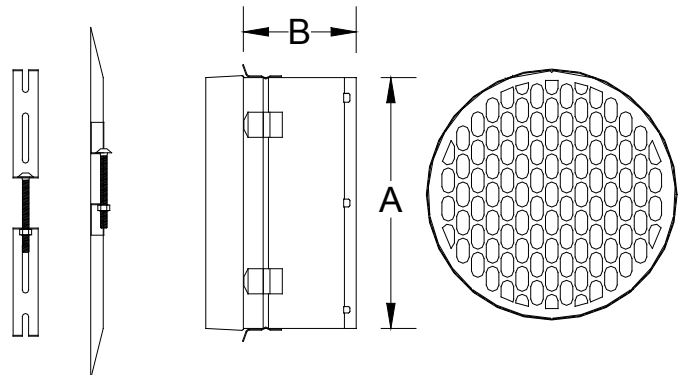
Part Number	DIM - A Nominal Vent Pipe Diameter	DIM - B Cap Installed Height	DIM - C Storm Collar OD	DIM - D Cap OD
CCA04RC	4	8.5	12	12
CCA05RC	5	8.5	14	14
CCA06RC	6	8.5	14	14
CCA07RC	7	9.5	18	18
CCA08RC	8	9.5	18	18
CCA09RC	9	9.5	20	20
CCA10RC	10	9.5	20	20
CCA12RC	12	9.5	24	24
CCA14RC	14	11.5	28	28
CCA16RC	16	13.5	32	32
CCA18RC	18	15.5	36	36
CCA20RC	20	17.5	36	36
CCA22RC	22	19.5	44	44
CCA24RC	24	19.5	48	48



Rain Cap

Screened Termination— Use as a termination on horizontal or vertical systems, as specified or allowed by the appliance manufacturer. The screened termination comes with a joint locking strap and a finish collar. Made of 29-4C material.

Part Number	DIM - A Diameter	DIM-B Installed Length
CCK04TM	4	4.5
CCK05TM	5	4.5
CCK06TM	6	4.5
CCK07TM	7	4.5
CCK08TM	8	4.5
CCK09TM	9	4.5
CCK10TM	10	4.5
CCK12TM	12	4.5
CCK14TM	14	4.5
CCK16TM	16	4.5
CCK18TM	18	4.5
CCK20TM	20	4.5
CCK22TM	22	4.5
CCK24TM	24	4.5
CCK26TM	26	4.5
CCK28TM	28	4.5
CCK30TM	30	4.5
CCK32TM	32	4.5



Screened Termination

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