### CORRIGUARD DECIAL GAS VENT MARKEN M



SINGLE WALL DOUBLE WALL 3", 4" & 5" DIAMETER



## MODEL CGV - VALUE • MODEL CG - STANDARD

### **CORR/GUARD® FEATURE BENEFITS**

### **Corr/Guard®** makes your job easier with exclusive benefits... the Gold Standard of Special Gas Vent!

### FAST, EASY INSTALLATION

One-step connection and snap lock - just slide together until it "clicks" tight, no tools required. Moderate insertion force needed.

Fewer supports required on horizontal runs.

### **QUICK AVAILABILITY**

Ships in as little as 2-3 days. 100% order fill.

### **NO SAGGING**

Tight overlap and lock prevent sag and "wobble". Fewer supports needed.

### LEAKPROOF GOLD SEAL

Seamless, precision formed "gold seal" gasket. Tight tolerance pipe. Snap lock.

### **PRECISION ENGINEERED GOLD QUALITY**

Gasket is molded to fit, not extruded/spliced. Continuous weld inside the flue on elbows, not taped. Laser welded pipe.

Consistently close tolerances.

Pressure rated to 10 inches of water column.

- AL29-4C® or 444 corrosion resistant stainless steel.
- UL Listed tested and labeled to UL1738 for Category II, III & IV appliances.
- Limited Lifetime Warranty. (Standard Corr/Guard Value series not included.)

### **FULL LINE**

3", 4"& 5" diameters, 6" - 48" lengths. (For 6" - 36" dia. refer to L2610 design manual.) Complete selection of components.

### **MULTIPLE APPLICATIONS**

Single Wall Special Vent Pipe Double Wall Special Vent Pipe Double Wall can also be used for Direct Vent applications if approved by appliance manufacturers. .

### **One-step connection...fastest on the market!**

Just push together until the snap-lock tabs "click" into locked position, your assurance of a leak-free connection.



AL29-4C® is a registered trademark of ATI Properties, Inc

2

# Specify the model that fits your application:

CG - Standard: AL29-4C superferritic stainless steel,limited lifetime warranty. See price list L1758. Example: Single Wall Straight Length = CGSW

CGV - Value: 444 stainless steel, five year warranty. See price list L1758. Example: Single Wall Straight Length = CGVSW

### **CORR/GUARD PRODUCT INFORMATION**

APPLICATION INFORMATION Maximum Operating Temp.	DOUBLE WALL 550 Degrees F (288 C)	SINGLE WALL 550 Degrees F (288 C)	
	500 Degrees 1 (200 0)		
Maximum Operating Pressure	10" w.g.	10" w.g.	
Clearance to Combustibles HORIZONTAL-Enclosed	3" Diameters 330 F (177 C) = 0" (0 mm) 480 F (249 C) = 6" (152 mm) 550 F (288 C) = Do Not Enclose 4" & 5" Diameters 300 F (149 C) = 3" (76 mm) 480 F (249 C) = 6"(152 mm) 550 F (288 C) = Do Not Enclose	3 & 4" Diameters 480 F (249 C) = 8" (203 mm) 550 F (288 C) = Do Not Enclose Do Not Enclose 5" Diameter	
Clearance to Combustibles HORIZONTAL-Unenclosed	3" Diameters 330 F (177 C) = 0" (0 mm) 550 F (288 C) = 1" (25 mm) 4" & 5" Diameters 550 F (288 C) = 1" (25 mm)	3", 4" & 5" Diameters 400 F (204 C) = 1" (25 mm) 550 F (288 C) = 2" (51 mm)	
Clearance to Combustibles VERTICAL-Enclosed	3" Diameters 400 F (204 C) = 0" (0 mm) 480 F (249 C) = 1" (25 mm) 550 F (288 C) = Do Not Enclose 4" & 5" Diameters 480 F (249 C) = 1" (25 mm) 550 F (288 C) = Do Not Enclose	3 & 4" Diameters 480 F (249 C) = 4" (102 mm) 550 F (288 C) = Do Not Enclose 5" Diameter 480 F (249 C) = 6" (152 mm) 550 F (288 C) = Do Not Enclose	
Clearance to Combustibles VERTICAL-Unenclosed	3" Diameters 400 F (204 C) = 0" (0 mm) 550 F (288 C) = 1" (25 mm) 4" & 5" Diameters 550 F (288 C) = 1" (25 mm)	3", 4" & 5" Diameters 400 F (204 C) = 1" (25 mm) 550 F (288 C) = 2" (51 mm)	
Joint Connection	Gasketed; No Sealant Required	Gasketed; No Sealant Required	
Flue Material & Thickness	AL29-4C (0.015 Thick) 444 (0.015 Thick)	AL29-4C (0.015 Thick) 444 (0.015 Thick)	
Casing Material & Thickness Optional Optional Optional	Aluminized Steel (0.018 Thick) 430 Stainless Steel (0.015 Thick) 304 Stainless Steel (0.024 Thick) 316 Stainless Steel (0.024 Thick)	Not Applicable Not Applicable Not Applicable Not Applicable	

### **CODES AND STANDARDS**



Corr/Guard is listed to UL 1738, Standard for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV. These requirements cover venting systems intended for venting Category II, III, and IV gas-burning appliances as defined by the Standard for Gas-Fired Central Furnaces (except Direct Vent Central Furnaces), ANSI Z21.47 and the National Fuel Gas Code, NFPA 54. Venting systems covered by these requirements are intended to be used with Category II, III, and IV appliances that have been installed in accordance with NFPA 54, and with codes such as the BOCA National Mechanical Code, the Standard Mechanical Code, the Uniform Mechanical Code, and local codes.

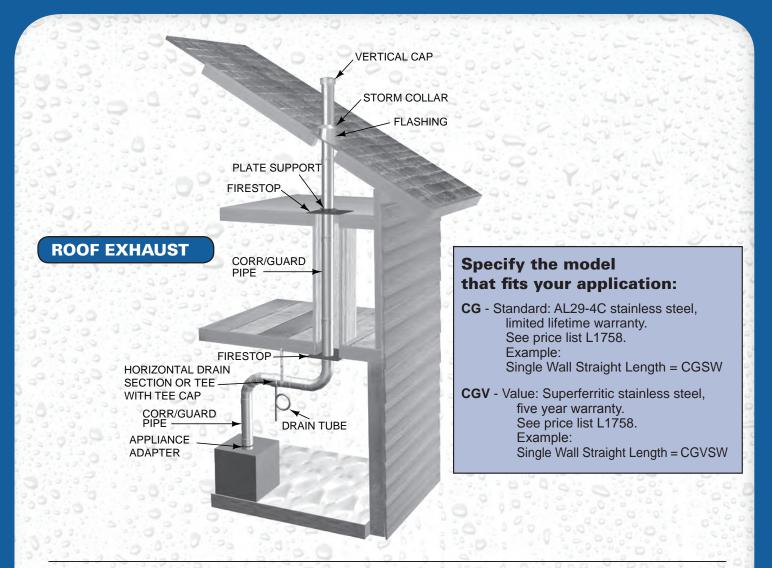
Corr/Guard vent material is AL29-4C<sup>®</sup> superferritic stainless steel or 444 corrosion resistant stainless steel. This vent is intended for use wherever appliance manufacturers specify superferritic stainless steel as the required vent material and, vent gas temperatures do not exceed those listed in the Metal-Fab Installation Instructions and the Application section of this manual.

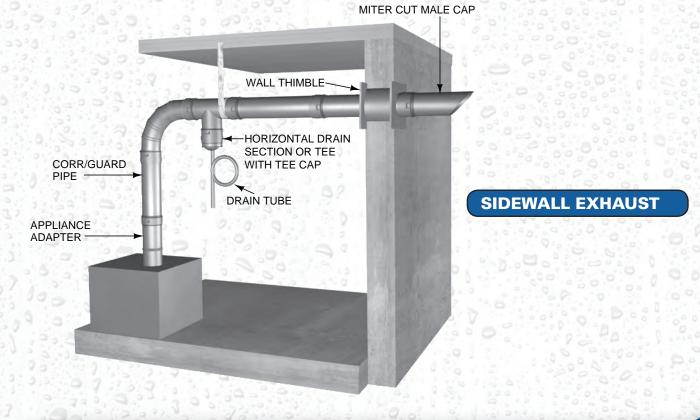
New York City, NY MEA Approval No. 78-00-E

For complete details on Corr/Guard 6"-36" diameter vent, please see the Corr/Guard Design Manual, Form No. L2610

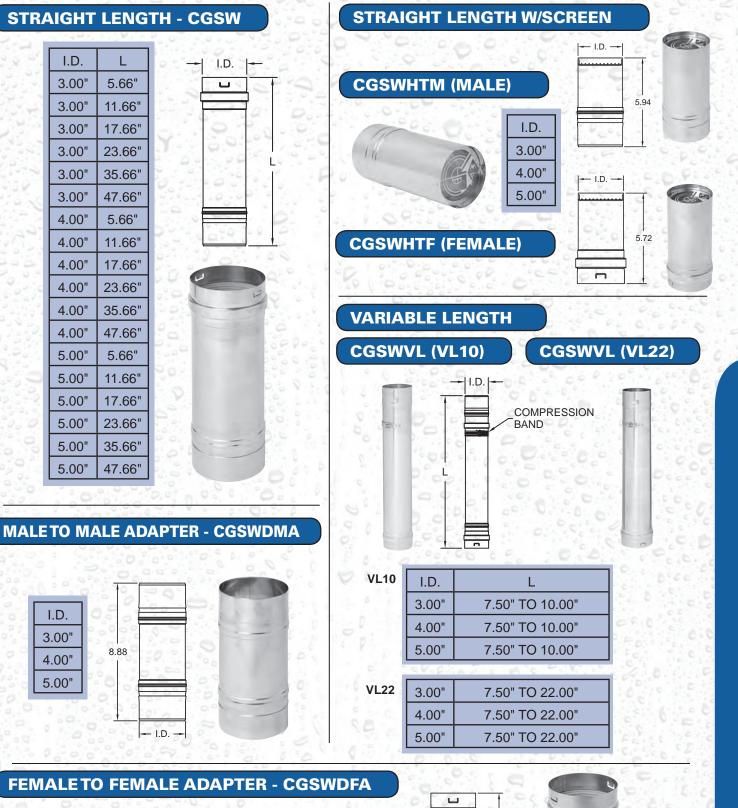
3

### SINGLE WALL CORR/GUARD APPLICATION DRAWINGS





NOTE: Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.



### **STRAIGHT LENGTH - CGSW**

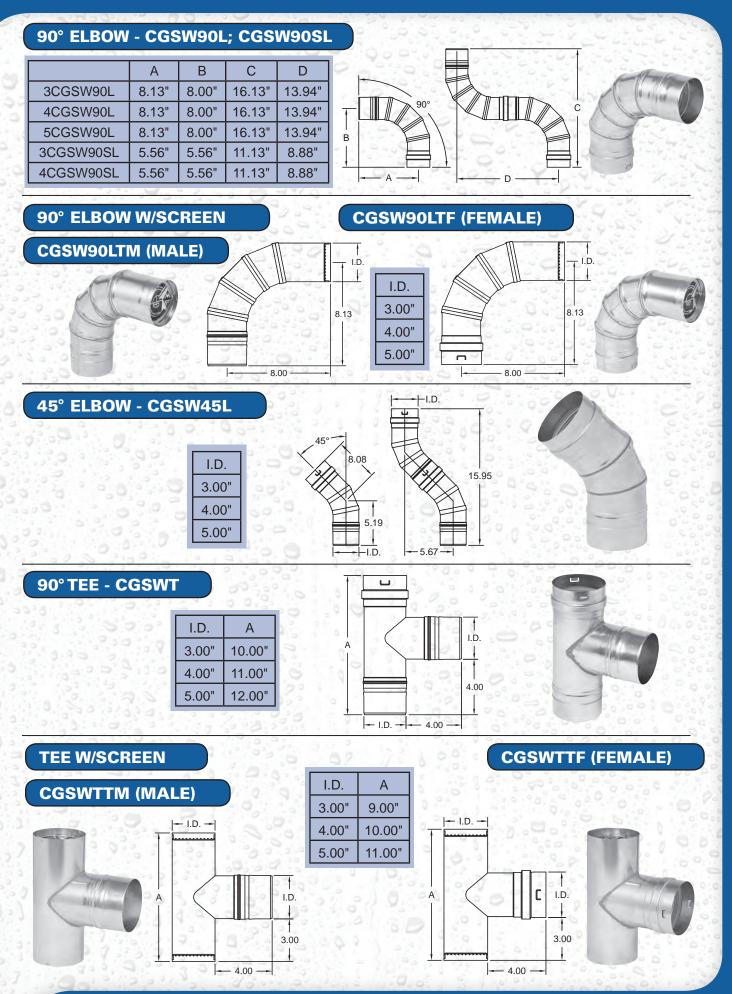
800-835-2830

I.D.

3.00" 4.00" 5.00" 8.43

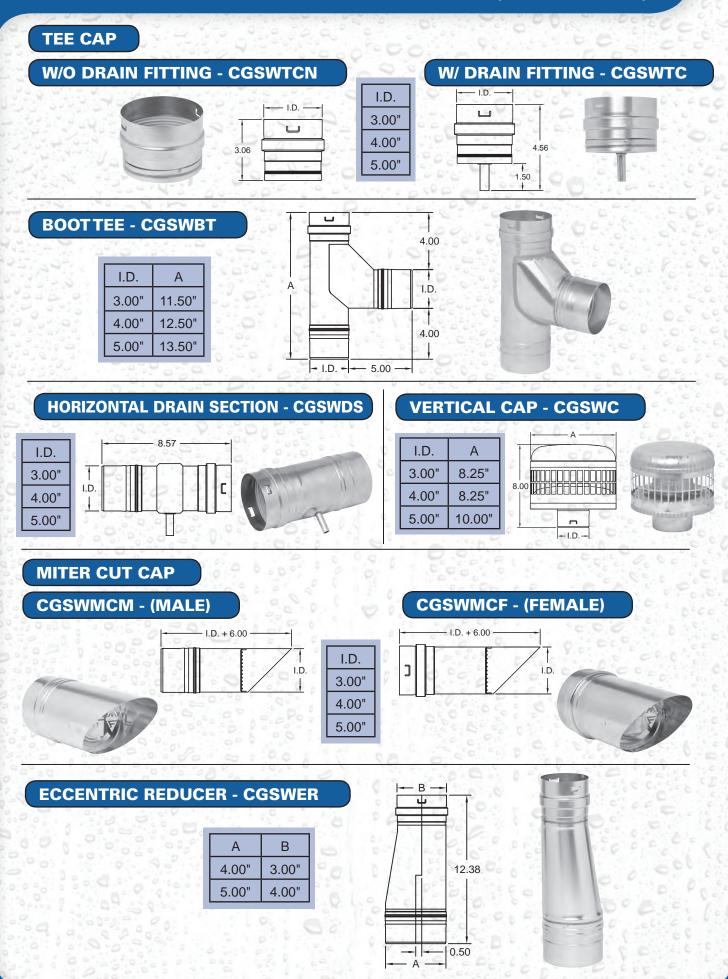
-I.D.

**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.



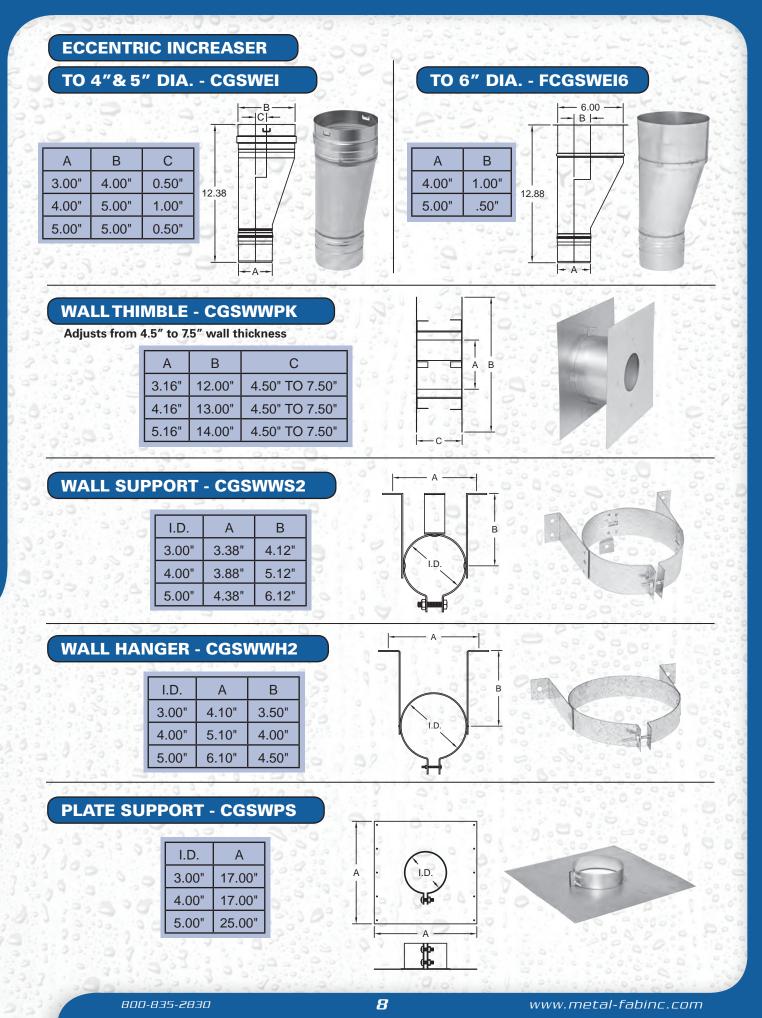
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**NOTE:** Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.

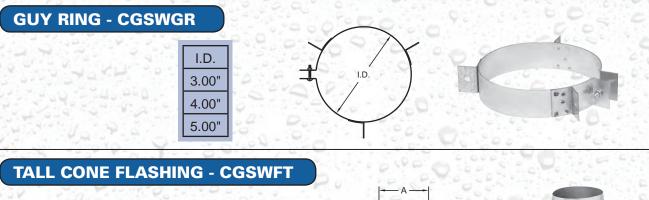


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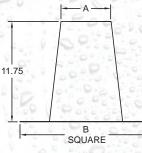
**NOTE:** Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.

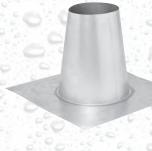


**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.



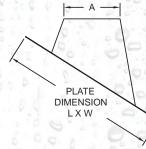
A 2	
А	B SQUARE
3.50"	14.63"
4.50"	14.63"
5.50"	19.63"
1.	





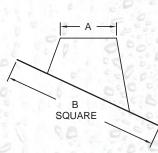
### 6/12 TO 12/12 PITCH FLASHING - CGSWF-12

A	PLATE DIMENSION (L x W)		
3.50"	20.00" x 20.00"		
4.50"	21.00" x 28.00"		
5.50"	21.00" x 28.00"		

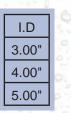


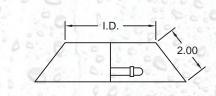
### 2/12 TO 5/12 PITCH FLASHING - CGSWF

B SQUARE
14.63"
14.63"
19.63"



### **STORM COLLAR - CGSWSC**

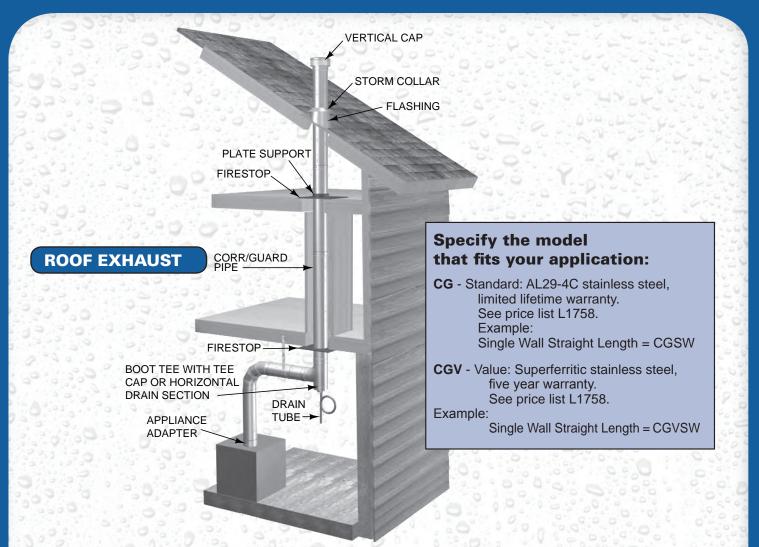


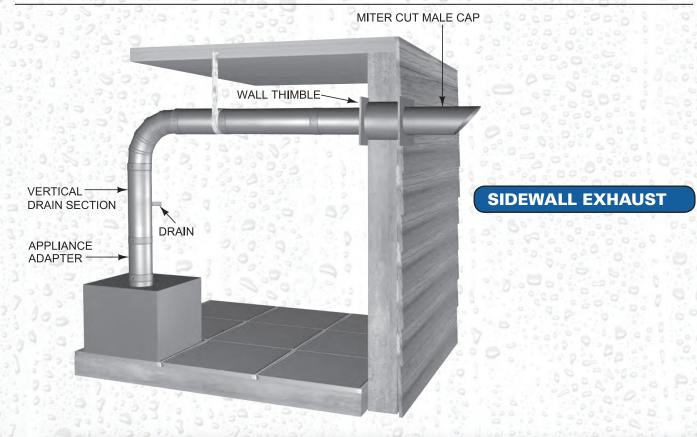




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### **DOUBLE WALL CORR/GUARD APPLICATION DRAWINGS**

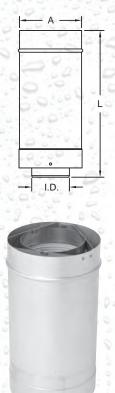




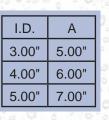
**NOTE:** Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.

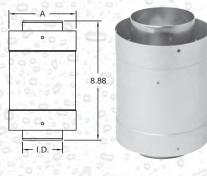
### **STRAIGHT LENGTH - CG**

### I.D. А L 3.00" 5.00" 5.66" 3.00" 5.00" 11.66" 5.00" 3.00" 17.66" 3.00" 5.00" 23.66" 3.00" 5.00" 35.66" 5.00" 47.66" 3.00" 4.00" 6.00" 5.66" 4.00" 6.00" 11.66" 4.00" 6.00" 17.66" 4.00" 6.00" 23.66" 4.00" 6.00" 35.66" 4.00" 6.00" 47.66" 5.00" 7.00" 5.66" 5.00" 7.00" 11.66" 5.00" 7.00" 17.66" 5.00" 7.00" 23.66" 5.00" 7.00" 35.66" 5.00" 7.00" 47.66"



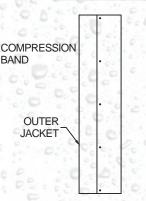
### MALE TO MALE ADAPTER - CGDMA





# STRAIGHT LENGTH W/SCREEN CGHTM (MALE) I.D 3.00" 4.00" 5.00" CGHTF (FEMALE) VARIABLE LENGTH CGVL (VL10) CGVL (VL22)

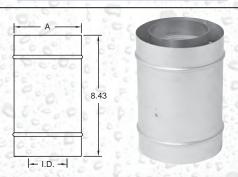
# 



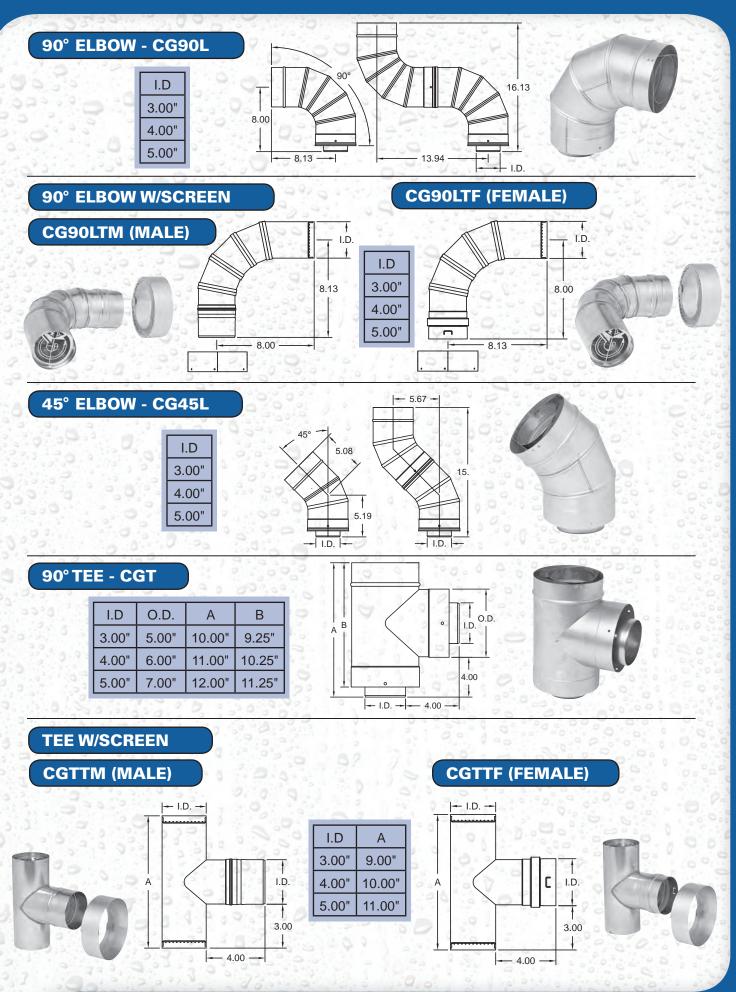
VL10	I.D.	L
	3.00"	7.50" TO 10.00"
0	4.00"	7.50" TO 10.00"
60	5.00"	7.50" TO 10.00"
	1	
VL22	3.00"	7.50" TO 22.00"
- 0	4.00"	7.50" TO 22.00"
1	5.00"	7.50" TO 22.00"

### FEMALE TO FEMALE ADAPTER - CGDFA

. Q .	0.11	
I.D.	А	
3.00"	5.00"	2
4.00"	6.00"	
5.00"	7.00"	
2 H U C	100	



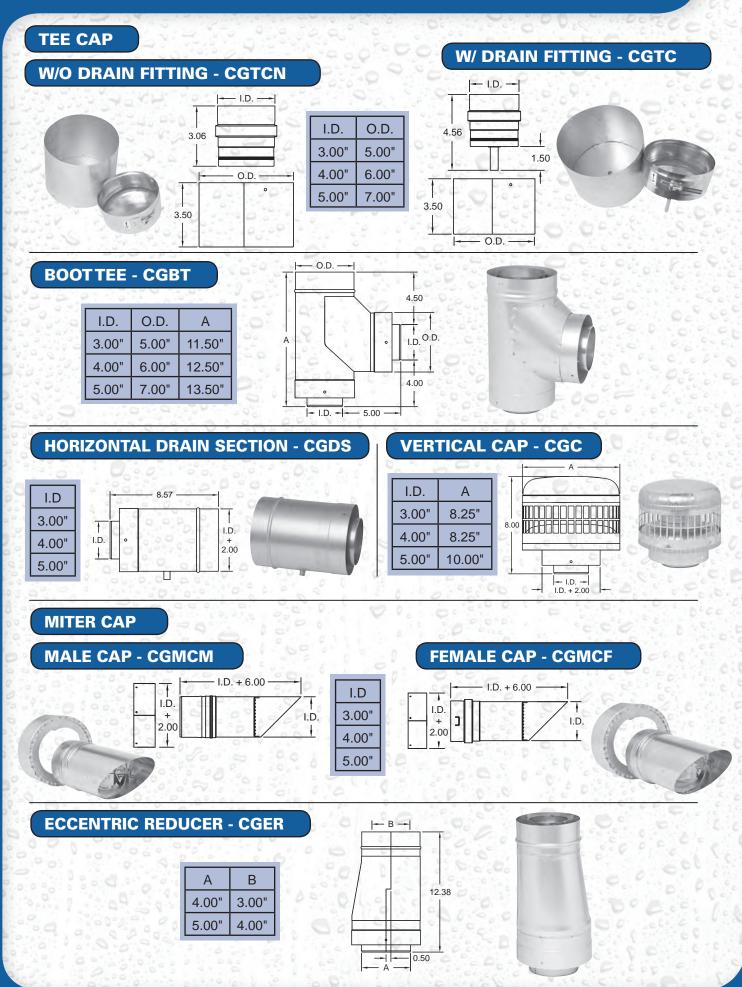
**NOTE:** Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.



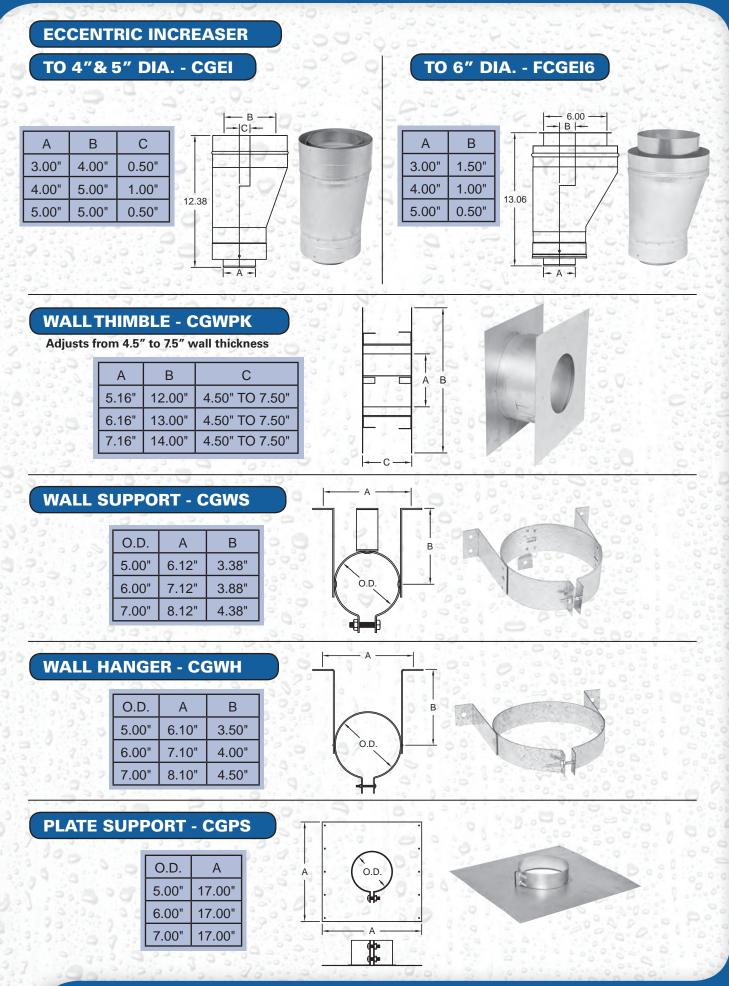
800-835-2830

12

**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.



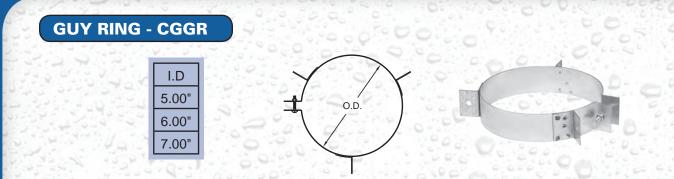
**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.



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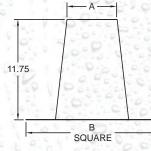
14

**NOTE:** Corr/Guard pipe overlaps 2.25" when joined together, therefore assembled length is 2.25" less than listed length.



### **TALL CONE FLASHING - CGFT**

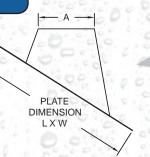
ì	- · · · · ·	
	А	<b>B SQUARE</b>
	5.50"	14.63"
	6.50"	17.50"
	7.50"	19.00"
2	7.50"	19.00"





### 6/12 TO 12/12 PITCH FLASHING - CGF-12

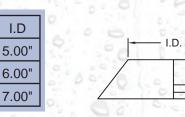
1		
	А	PLATE DIMENSION (L x W)
	3.50"	20.00" x 20.00"
	4.50"	21.00" x 28.00"
	5.50"	21.00" x 28.00"

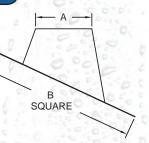


### 2/12 TO 5/12 PITCH FLASHING - CGF

		1.2.2
А	B SQUARE	1
5.50"	14.63"	1
6.50"	17.50"	2
7.50"	19.00"	0
	5.50" 6.50"	5.50"         14.63"           6.50"         17.50"

### **STORM COLLAR - CGSC**





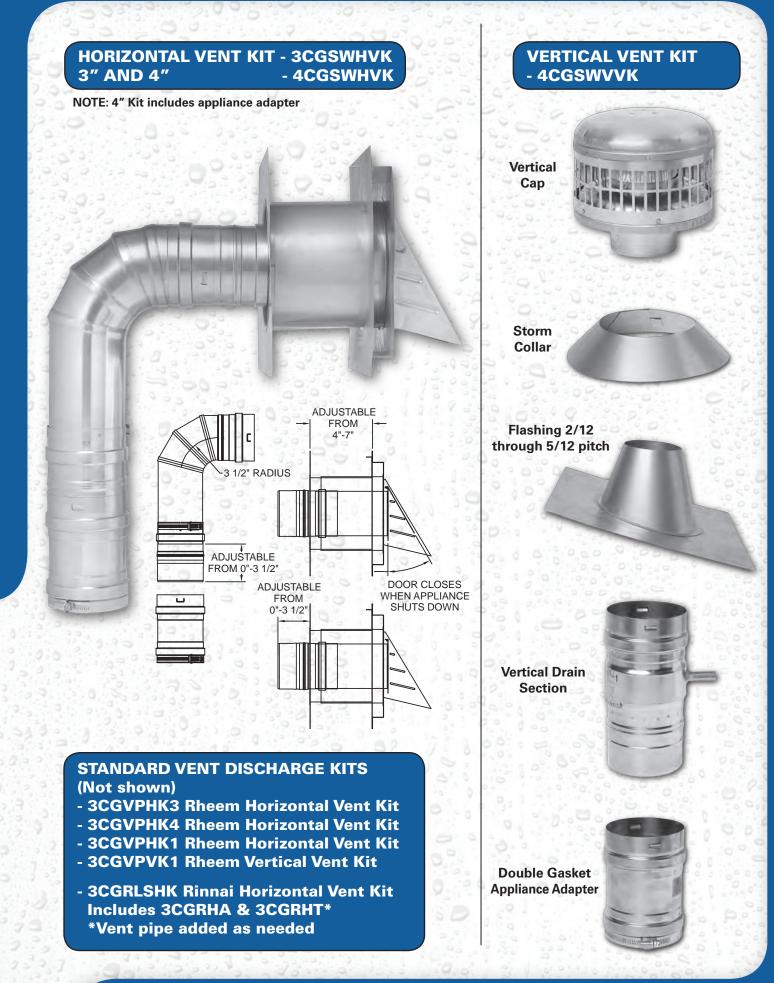
2.00

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### **CORR/GUARD KITS**

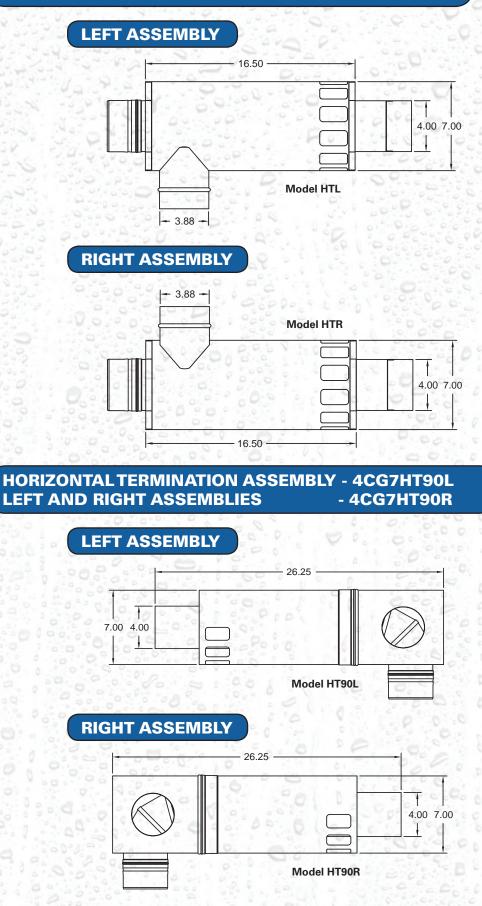
**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.



### **CORR/GUARD KITS**

**NOTE:** Be sure to specify the model that fits your specification, prefix CG or CGV.

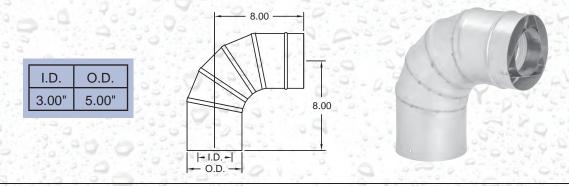
### 4/7 COAXIAL HORIZONTAL TERMINATION - 4CG7HTL LEFT AND RIGHT ASSEMBLIES - 4CG7HTR



800-835-2830

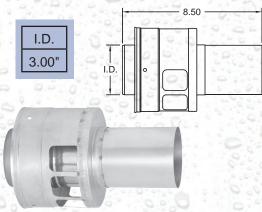
### CORR/GUARD SPECIAL APPLICATIONS NOTE: Be sure to specify the model that fits your specification, prefix CG or CGV.

### HORIZONTAL APPLIANCE ADAPTERS - 3CGRLSH RINNAI HORIZONTAL APPLIANCE ADAPTER



### **HORIZONTAL TERMINATIONS**

- 3CGRHT RINNAI HORIZONTAL TERMINATION
- 3CGVPHT RHEEMI HORIZONTAL TERMINATION
- 3CGVPHT3 RHEEM HORIZONTAL TERMINATION
- 3CGVPHT4 RHEEM HORIZONTAL TERMINATION
- 3CGVTRTRIM RING



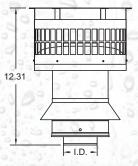
VERTICAL APPLIANCE ADAPTERS 3CGRLSV RINNAI APPLIANCE ADAPTER 3CGPA RHEEM APPLIANCE ADAPTER 3CGVPA RHEEM APPLIANCE ADAPTER





### VERTICAL TERMINATIONS - 3CGRVT RINNAI VERTICAL TERMINATION - 3CGVPVT RHEEM VERTICAL TERMINATION







How does your Special Gas Vent stack up to Metal-Fab? Use this handy chart to evaluate your current supplier.

	Metal-Fab	Heat Fab	ProTech	Z-Flex
1. One-Step Snap Lock	X			
2. Fewest Supports Required	x			
3. No Sag and Wobble	x			
4. Seamless Precision Gasket	x			
5. Continuously Welded Elbows	x			
6. Laser Welded Pipe	x			
7. Consistently Close Tolerances	x			
8. Pressure Rated to 10" W.C.	x			
9. AL29-4C or Equivalent Stainless	x			
10. Limited Lifetime Warranty	x			
11. Friendly Customer Service	x			
12. Shipping in 2-3 Days	x			
13. Regional Warehouses	x			
14. 100% Order Fill	x			
15. E-Mail Order Acknowledgement	x			
16. E-Mail Order Tracking	X			
17. Stretched Wrapped Skids	x			
18. Skid Stickers	x			
19. Skid Lists	x			
20. Convenient Unloading At Your Site	x			
21. Technical Support	X			

# A FULL LINE OF QUALITY PRODUCTS





Easiest installation on the market..Featuring SureLock B-Vent Locking System.

### **TEMP/GUARD®**



All-Fuel Chimney for use with listed wood, coal, oil and gas-fired appliances.

### FIRE & CEILING DAMPERS



Complete line of fire and ceiling radiation dampers, 100% order fill with no backorders.

### AIR-COOLED TEMP/GUARD®



Complete line of Type-B Gas Vent products and accessories.

### **BIOMASS CHIMNEY**



Tested and listed to UL 641, available in 3" and 4" diameters with a positive twist lock connection.

### **GRILLES & REGISTERS**



Grilles, Registers and Diffusers manufactured from heavy gauge steel and hand inspected to ensure quality.



Sure-Seal Direct Vent, for use with approved gas-fired appliances.

FLEXIBLE CHIMNEY LINERS

Comprehensive kits and accessories

for all relining application.

**BLACK STOVEPIPE** 

Single & Double wall components

tested to UL 103.



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