

# **CV** Inline and Roof Mounted Fans

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# INTRODUCTION

Loren Cook Company's Centri-Vane<sup>®</sup> and Centri-Vane<sup>®</sup> Stretch are constructed of aluminum and designed for straight-through air flow. Performance ranges from 50 to 31,200 CFM with static pressures to 6" w.g. The Centri-Vane® belt drive is offered in 9 sizes from 12 to 36 and is available in duct mounted inline and roof mounted supply, exhaust and upblast configurations. The Centri-Vane® direct drive is offered in 7 sizes from 8 to 20 in duct mounted inline configuration.



CVD



CVB



CVS



CVR

CVR-S



- Specially designed mixed-flow wheel provides unique performance with stable operation from free air to shutoff.
- True airfoil blades provide non-overloading horsepower characteristics.
- All aluminum construction reduces unit weight and associated installation costs.
- Adjustable mounting brackets permit mounting in any desired position.
- Compact straight-through design saves valuable floor space compared to a conventional centrifugal blower.
- Straightening vanes insure linear movement of air at the fan discharge providing higher efficiency and lower overall noise levels.
- UL / cUL 705 listing is standard on all Centri-Vane<sup>®</sup> units.
- Models CVB and CVD are licensed to bear the AMCA Certified Ratings Seal for Sound and Air Performance.
- Model CVS is licensed to bear the AMCA Certified Ratings Seal for Air Performance.

# CONSTRUCTION FEATURES



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# CONSTRUCTION FEATURES



**Description:** Fan shall be a spun aluminum, duct mounted, direct driven, mixed-flow fan.

**Certifications:**Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for Sound and Air Performance.

- **Construction:** The fan shall be bolted and welded construction utilizing corrosion resistant fasteners. The spun aluminum housing shall be constructed of minimum .100 thick marine alloy aluminum with inlet and outlet flanges. Straightening vanes shall be utilized for uniform airflow. The adjustable mounting brackets shall be constructed of minimum .125 thick aluminum with extruded rubber isolation between bracket and fan housing. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Wheel: Wheel shall be a non-overloading design utilizing airfoil blades for maximum efficiency. The aluminum airfoil blades shall be welded to a spun aluminum dome. The dome shall be bolted to an aluminum hub assembly. The hub shall be keyed and locked to the fan shaft utilizing two setscrews. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.
- **Motor:** Motor shall be heavy duty type with permanently lubricated sealed bearings and furnished at the specified voltage, phase and enclosure.
- **Product:** Fan shall be model CVD as manufactured by Loren Cook Company of Springfield, Missouri.

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13

G

12-1/4

11-1/4 10-1/4

15-1/8 14-1/8

17-1/8 16-1/4

19-9/16 18-1/4

22-1/2 20-3/8

24-3/8 22-1/2

Dimensions

Α

1

1

1

2

в

15

19-1/8

24-1/2

26-3/8

Size

8 8

10

12 1

14

16 1

18

20

С

16-3/16

22

27-3/4

30-1/2

13-1/4 13-7/16

17-1/8 19-1/4

21-9/16 24-7/8

All dimensions in inches. Weights in pounds.

D

7

8-11/16

9-15/16

11-7/16

12-11/16

14

15-3/4



**Centri-Vane®** 

All Aluminum



#### AMCA WORLDWIED RATINGS SOUND FROMMENT MORENTAL M

Loren Cook Company certifies that the CVD shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Model CVD is furnished standard with UL 705 and  $_{\rm C}$ UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Е

1-5/16

Dia. E Di



Approx

Ship.

Wt.

35

65

82

93

Thickness

of Alum.

.100

.125

Wheel

Diameter

10-1/4

12-15/16

15-9/16

18-1/4

20-15/16

23-9/16

26-1/4

# **CVB** Specifications and Dimension Data

# Centri-Vane® All Aluminum Mixed-Flow Fan Belt Drive





Loren Cook Company certifies that the CVB shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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Model CVB is furnished standard with UL 705 and <sub>C</sub>UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



**Description:** Fan shall be a spun aluminum, duct mounted, belt driven, mixed-flow fan.

- **Certifications:**Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for Sound and Air Performance.
- **Construction:** The fan shall be bolted and welded construction utilizing corrosion resistant fasteners. The spun aluminum housing shall be constructed of minimum .125 thick marine alloy aluminum with inlet and outlet flanges. Straightening vanes shall be utilized for uniform airflow. Extended lube lines shall be furnished for lubrication of fan bearings. Aluminum adjustable motor mounting plate shall utilize threaded studs for positive belt tensioning. The adjustable mounting brackets shall be constructed of minimum .125 thick aluminum with extruded rubber isolation between bracket and fan housing. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Wheel: Wheel shall be a non-overloading design utilizing airfoil blades for maximum efficiency. The aluminum airfoil blades shall be welded to a spun aluminum dome. The dome shall be bolted to an aluminum hub assembly. The hub shall be keyed and locked to the fan shaft utilizing two setscrews. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.
- **Motor:** Motor shall be NEMA Design B with Class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.
- **Bearings:** Bearings shall be designed and tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.
- **Belts and Drives:** Belts shall be oil and heat resistant, static conducting. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.
- **Product:** Fan shall be model CVB as manufactured by Loren Cook Company of Springfield, Missouri.

#### **CVB** Dimension Data

Size	Α	В	С	D	E	F Max.
12	12	17-1/8	19-1/8	9-15/16		
14	14	19-1/8	22	11-7/16	1	11 1/1
16	16	21-9/16	24-7/8	12-11/16	1-5/16	11-1/4
18	18	24-1/2	27-3/4	14		
20	20	26-3/8	30-1/2	15-3/4		12 1/4
24	24	31-1/4	36-1/2	18-5/8		13-1/4
28	28	36	42	21-1/2	1 0/16	
32	32	40-7/8	48	24-7/16	1-9/10	15-1/2
36	36	44-1/4	53-3/8	26-3/4		

Size	G	н	Wheel Diameter	Maximum Motor Frame	Thickness of Alum.	Approx. Ship. Wt Ibs.
12	14-1/8	15-1/8	15-9/16	182T		68
14	16-1/4	17-1/8	18-1/4	1021		81
16	18-1/4	19-9/16	20-15/16	10/T		93
18	20-3/8	22-1/2	23-9/16	1041		175
20	22-1/2	24-3/8	26-1/4	213T	.125	204
24	26-3/4	29-1/4	31-9/16			279
28	30-3/4	34	36-7/8	215T		381
32	35-3/16	38-7/8	42-3/16	2151	2151	495
36	39-3/8	42-1/4	47-1/2			617

All dimensions in inches. Weights in pounds, less motor.

**Description:** Fan shall be a spun aluminum, duct mounted, belt driven mixed-flow fan.

- **Certifications:** Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for Air Performance.
- **Construction:** The fan shall be bolted and welded construction utilizing corrosion resistant fasteners. The spun aluminum housing shall be constructed of minimum .125 thick marine alloy aluminum with inlet and outlet flanges. Straightening vanes shall be utilized for uniform airflow. Extended lube lines shall be furnished for lubrication of fan bearings. Aluminum adjustable motor mounting plate shall utilize threaded studs for positive belt tensioning. The adjustable mounting brackets shall be constructed of minimum .100 thick aluminum. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Wheel: Wheel shall be a non-overloading design utilizing airfoil blades for maximum efficiency. The aluminum airfoil blades shall be welded to a spun aluminum dome. The dome shall be bolted to an aluminum hub assembly. The hub shall be keyed and securely attached to the fan shaft utilizing two setscrews. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.
- **Motor:** Motor shall be NEMA Design B with Class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.
- **Bearings**:Bearings shall be designed and tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.
- **Belts and Drives:** Belts shall be oil and heat resistant, static conducting. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.
- **Product:** Fan shall be model CV-S as manufactured by Loren Cook Company of Springfield, Missouri.

Size	А	В	с	D	E	F	G	н
12	32-7/8	21-7/16	20-1/4	10-3/4	10-23/32	6-3/4	13-1/4	3-5/8
14	36	24-3/16	23	12-1/8	12-3/32	8-1/4	14-3/8	1_1/8
16	39-9/16	27-9/16	26-1/8	13-13/16	13-25/32	10	14-1/2	4-1/0
18	43-5/8	30-7/16	29	15-1/4	15-7/32	11-1/2	15-5/8	3-7/8
20	46-5/8	33-3/16	31-3/4	16-5/8	16-11/32	13	16-3/4	5-170
24	53-3/4	40	37-3/4	19-1/2	20	17	19	4-1/4
28	60-3/4	46	43-1/2	22-1/2	23	20	21	4-1/8
32	67-7/8	51	49-3/8	25-1/2	25-1/2	23	23-1/2	4-3/8
36	73-1/2	57	54-15/16	28-1/4	28-1/2	26	25-3/4	4-5/8

#### **CV-S** Dimension Data

Size	J	L	М	N	ο	Wheel Diameter	Max. Mtr. Frame	Approx. Ship. Wt Ibs.
12			14-5/8	12		15-9/16	182T	95
14			16-5/8	14	9	18-1/4	10/T	114
16	9/16	1	18-5/8	16		20-15/16	1041	130
18			20-5/8	18		23-9/16	010T	245
20			22-5/8	20	10-1/2	26-1/4	2131	285
24		1-3/16	27-1/8	24	1	31-9/16	215T	390
28	11/16	1 11/16	31-1/8	28		36-7/8	254T	533
32	11/10	1-11/10	35-1/8	32	13	42-3/16	OFET	693
36		1-15/16	39-1/8	36		47-1/2	2001	863

All dimensions in inches. Weights in pounds, less motor.

Centri-Vane<sup>®</sup> Stretch All Aluminum Mixed-Flow Fan Belt Drive





Loren Cook Company certifies that the CV-S shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Model CV-S is furnished standard with UL 705 and <sub>C</sub>UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



# **UCV** Specifications and Dimension Data

# Centri-Vane<sup>®</sup> All Aluminum Roof Mounted Upblast Mixed-Flow Fan Belt Drive





Model UCV is furnished standard with UL 705 and  $_{\rm C}$ UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



**Description:** Fan shall be a spun aluminum, belt driven, upblast mixed-flow fan. **Certifications:** Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705).

- **Construction:** The fan shall be bolted and welded construction utilizing corrosion resistant fasteners. The spun aluminum housing shall be constructed of minimum .125 thick marine alloy aluminum. Curb cap shall have continuously welded corners for maximum leak protection. Straightening vanes shall be utilized for uniform airflow. Extended lube lines shall be furnished for lubrication of fan bearings. Aluminum adjustable motor mounting plate shall utilize threaded studs for positive belt tensioning. Fan shall have hinged butterfly discharge dampers of aluminum or steel construction with a rain gutter to prevent rain infiltration. The damper assembly shall be protected by a continuously welded aluminum windband of minimum .064 thick aluminum. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Wheel: Wheel shall be a non-overloading design utilizing airfoil blades for maximum efficiency. The aluminum airfoil blades shall be welded to a spun aluminum dome. The dome shall be bolted to an aluminum hub assembly. The hub shall be keyed and locked to the fan shaft utilizing two setscrews. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.
- **Motor:** Motor shall be NEMA Design B with Class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.
- **Bearings:** Bearings shall be designed and tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.
- **Belts and Drives:** Belts shall be oil and heat resistant, static conducting. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.
- **Product:** Fan shall be model UCV as manufactured by Loren Cook Company of Springfield, Missouri.

Size	Α	В	С	D	Е	F
12	25-1/8	9	16-1/8	19-1/8	15	16
14	29-1/8	10	19-1/8	22	16	18
16	31-9/16	11	21-9/16	24-7/8	17	21
18	36-1/2	12	24-1/2	27-3/4	10	23
20	38-1/2	13	26-1/2	30-1/2	19	25
24	45-3/8	15	31-3/8	36-1/2	21	29
28	52	17	36	42	29	33
32	58-7/8	19	40-7/8	48	30	37
36	64	21	44	53-3/8	32	41

#### **UCV** Dimension Data

Size	G	т	Shaft Diameter	Wheel Diameter	Material Thickness housing/base	Approx. Ship. Wt. - Ibs.
12		20		15-9/16	.100/.100	98
14		24	1	18-1/4		121
16	2	24	<sup>24</sup>   1	20-15/16	100/ 125	143
18		28		23-9/16		208
20	1		26-1/4	.100/.125	274	
24		32	1-3/16	31-9/16		369
28	2	36	1 11/16	36-7/8		491
32		42	1-11/10	42-3/16	125/ 125	625
36		48	1-15/16	47-1/2	.120/.120	767

All dimensions in inches. Weights in pounds, less motor. Drives through 5 H.P. are all variable pitch.

- **Description:** Fan shall be a spun aluminum, hooded, roof mounted, belt driven, mixed-flow exhaust (or supply) fan.
- **Certifications:** Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705).
- **Construction:** The fan shall be bolted and welded construction utilizing corrosion resistant fasteners. The spun aluminum housing shall be constructed of minimum .125 thick marine alloy aluminum with inlet and outlet flanges. The spun aluminum top cap shall be constructed of minimum .064 thick marine alloy aluminum, and the aluminum base shall have continuously welded curb cap corners for maximum leak protection. Straightening vanes shall be utilized for uniform airflow. Extended lube lines shall be furnished for lubrication of fan bearings. Aluminum adjustable motor mounting plate shall utilize threaded studs for positive belt tensioning. An aluminum weatherproof motor cover shall be standard. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Wheel: Wheel shall be a non-overloading design utilizing airfoil blades for maximum efficiency. The aluminum airfoil blades shall be continuously welded to a spun aluminum dome. The dome shall be bolted to a cast or heavy gauge aluminum hub assembly. The hub shall be keyed and secured to the fan shaft with two set screws. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.
- **Motor:** Motor shall be NEMA Design B with Class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.
- **Bearings:** Bearings shall be designed and tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.
- **Belts and Drives:** Belts shall be oil and heat resistant, static conducting. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.
- **Product:** Fan shall be model CVR and CVR-S as manufactured by Loren Cook Company of Springfield, Missouri.

			-			
Size	А	В	С	D	Е	F
12	22-1/8		17-1/8	19-1/8	15	
14	24-1/8	5	19-1/8	22	16	27 15/16
16	26-9/16	5	21-9/16	24-7/8	17	27-15/10
18	29-1/2		24-1/2	27-3/4	10	
20	33-1/4	6 2/4	26-1/2	30-1/2	19	26
24	38-1/8	0-3/4	31-3/8	36-1/2	21	30
28	44	8	36	42	29	42-1/8
32	57-7/8	17	40-7/8	48	30	52
36	61-1/2	17-1/2	44	53-3/8	32	62

## CVR/CVR-S Dimension Data

Size	G	т	Shaft Diameter	Wheel Diameter	Material Thickness housing/base	Approx. Ship. Wt. - Ibs.			
12		20		15-9/16	.100/.100	98			
14		24	1	18-1/4		121			
16	2	24	1	20-15/16		143			
18		28	28	28		23-9/16	100/125	208	
20					20		26-1/4	.100/.125	274
24		32	1-3/16	31-9/16	105/105	369			
28	2	36	1 11/16	36-7/8		491			
32	3	42	1-11/16	42-3/16		625			
36		48	1-15/16	47-1/2	.120/.120	767			
All dimensio	All dimensions in inches Weights in pounds less motor Drives through 5 H P are all variable pitch								

Centri-Vane<sup>®</sup> All Aluminum Roof Mounted Mixed-Flow Fan Exhaust or Supply Belt Drive



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Model CVR and CVR-S are furnished standard with UL 705 and <sub>C</sub>UL 705 listing (Power Ventilator/ ZACT) when furnished with factory supplied motor.

## Exhaust – CVR



# Supply – CVR-S



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# ACCESSORIES

# **Volume Control Damper**



Size	Catalog Number	A Diameter	B Open Height
80	8	8	1-23-32
100	10	10	2
120	12	12	2-3/4
140	14	14	3-13/32
160	16	16	4-3/32
180	18	18	4-3/16
200	20	20	4-9/16
240	24	24	5-27/32
280	28	28	7-9/32
320	32	32	8-1/8
360	36	36	9-5/8

All dimensions in inches.

## **Inlet Vane Damper**



Size	Α	В
12	12-1/4	14-5/8
14	14-1/4	16-5/8
16	16-1/4	18-5/8
18	18-1/4	20-5/8
20	20-1/4	22-5/8
24	24-1/4	26-3/4
28	28-1/4	30-3/4
32	32-1/4	34-3/4
36	36-1/4	38-3/4
All dimensions in inches.		

#### **Flexible Duct Connector**



Size	Α	В	С
8	8-3/16	10-11/16	8-1/2
10	10-3/16	12-11/16	10-1/2
12	12-3/16	14-11/16	12-1/2
14	14-3/16	16-11/16	14-1/2
16	16-3/16	18-11/16	16-1/2
18	18-3/16	20-11/16	18-1/2
20	20-3/16	22-11/16	20-1/2
24	24-3/16	27-3/16	24-1/2
28	28-3/16	31-3/16	28-1/2
32	32-3/16	35-3/16	32-1/2
36	36-3/16	39-3/16	36-1/2

All dimensions in inches.

# **Companion Flange**





Size	Α	В
8	10-11/16	8-3/16
10	12-11/16	10-3/16
12	14-11/16	12-3/16
14	16-11/16	14-3/16
16	8-11/16	16-3/16
18	20-11/16	18-3/16
20	22-11/16	20-3/16
All dimensions in inches.		

Size	Α	В
24	26-11/16	24-3/16
28	30-11/16	28-3/16
32	34-11/16	32-3/16
36	38-11/16	36-3/16

# ACCESSORIES

# **Isolators**

#### **Rubber-in-Shear- Ceiling Mounted**



Unit	Rated Load
RC-75	75
RC-125	125
RC-175	175
RC-300	300

#### **Rubber-in-Shear - Floor Mounted**



Unit	Rated Load
RF-55	55
RF-120	120
RF-220	220
RF-375	375

## **Spring - Ceiling Mounted**

Rated Load	Spring. Rate (Ibs./in.)
35	23
70	51
125	100
245	206
370	370
	Rated Load           35           70           125           245           370

## Free Standing Spring - Floor Mounted



Unit	Rated Load	Spring. Rate (Ibs./in.)
SF-70	70	51
SF-120	120	98
SF-220	220	196
SF-370	370	366

## **Housed Spring - Floor Mounted**



Rated Load	Spring. Rate (Ibs./in.)
120	98
220	196
320	302
370	366
	Rated Load 120 220 320 370

## **Restrained Spring - Floor Mounted**



Unit	Rated Load	Spring. Rate (Ibs./in.)
RS-70	70	51
RS-120	120	98
RS-220	220	196
RS-370	370	366

## **Optional Coatings**

LORENIZED<sup>™</sup> is an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Coating must exceed 1,000 hour salt spray under ASTM B117 test method.

Cook Epoxy Powder is an electrostatically applied, baked epoxy powder coating. Final coating thickness is 2.5 - 3.5 mils. For outdoor applications an optional UV resistant topcoat is available to prevent cosmetic chalking of the coating.

Cook Phenolic Epoxy Powder is an electrostatically applied, baked phenolic epoxy powder coating. Final coating thickness is 2 - 4 mils. For outdoor applications an optional UV resistant topcoat is required to prevent deterioration of the coating.

Cook Easy Clean Powder is an electrostatically applied, baked modified epoxy silicone powder producing a high temperature "nonstick" coating. Final coating thickness is 1.3 - 1.7 mils.

Air Dry Phenolic (Heresite VR-504) is a conventional spray applied phenolic resin coating. Final coating thickness is 4 - 6 mils. For outdoor applications an optional UV resistant topcoat (Heresite UC-5500) is required to prevent deterioration of the coating.

Refer to the corrosion resistance guide in the **Compute-A-Fan**<sup>®</sup> software for a listing of the coatings above and their resistance to a variety of chemicals. Additional special coatings are available.

# ACCESSORIES

#### **Disconnect Switches**

- **NEMA 1** Indoor general purpose.
- NEMA 1 (Lockable) Indoor general purpose with locking capability.
- **NEMA 3R** Exterior mount, rain-tight.
- NEMA 4 Watertight and dust-tight.
- NEMA 7 and NEMA 9 Lockable, indoor, explosion proof.



(lockable)

NEMA 9

## **RCG/RCA Roof Curb**





Sizo	Catalog	Number	E Sa	V Sa	WSa	Roof Opening
5126	Galvanized	Aluminum	1 54.	v 3q.	W 3q.	Roor Opening
12	RCG-18	RCA-18	18-1/2	22-1/2	11-3/4	15-1/2
14, 16	RCG-22	RCA-22	22-1/2	26-1/2	15-3/4	19-1/2
18, 20	RCG-26	RCA-26	26-1/2	30-1/2	19-3/4	23-1/2
24	RCG-30	RCA-30	30-1/2	34-1/2	23-3/4	27-1/2
28	RCG-34	RCA-34	34-1/2	38-1/2	27-3/4	31-1/2
32	RCG-40	RCA-40	40-1/2	44-1/2	33-3/4	37-1/2
36	RCG-46	RCA-46	46-1/2	50-1/2	39-3/4	43-1/2

All dimensions in inches.

## **Additional Accessories:**

• Safety Screen Inlet or Outlet

- Weather Cover
- Belt Guard

## **Application Information (UCV)**

#### Minimum CFM to Open Dampers

Unit	CFM
12	769
14	1166
16	1662
18	2106
20	2601
24	3731
28	5086
32	6650
36	8483



# LOREN COOK COMPANY

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