

Houston

2025 - 2026

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Lashley
& Associates, Inc.

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www.lashleyinc.com



Lashley
& Associates, Inc.

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Warehouse Hours of Operation

Monday - Friday: 7:00 AM to 5:00 PM
Saturday: Closed
Sunday: Closed

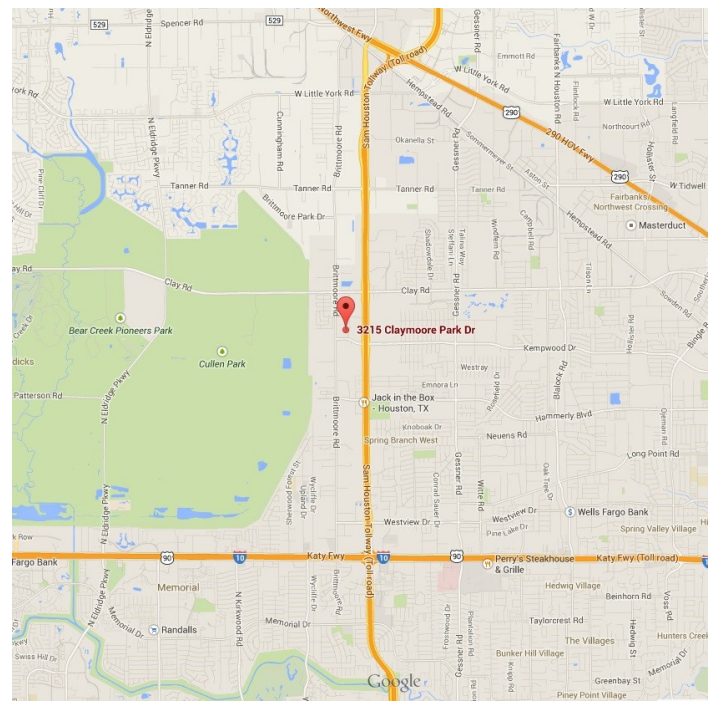
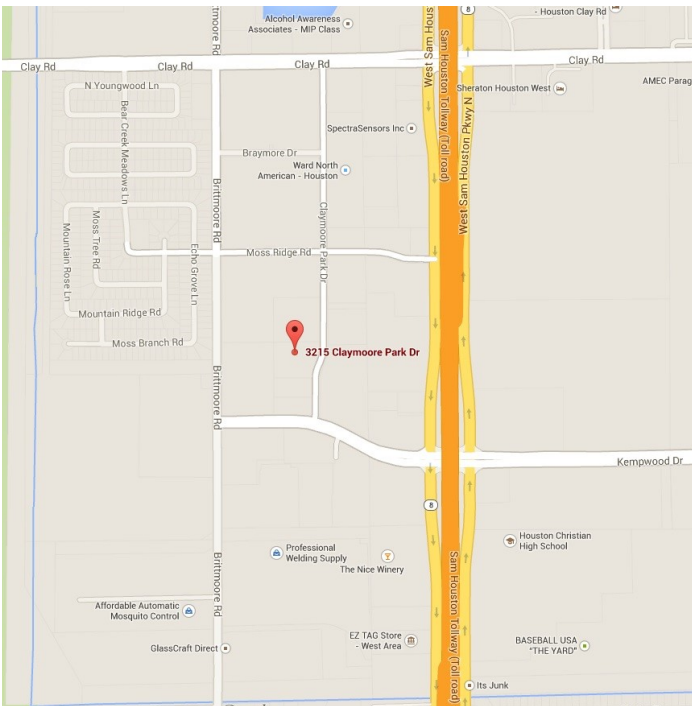


HVAC Contractor Sales Only

Beginning July 1st, 2021, W.L. Lashley & Associates Inc. will begin imposing a 3% customer processing charge which will apply to all credit card payments utilizing the current credit cards we accept: Visa, Mastercard, American Express, and Discover. No transaction fees will be assessed on payments made by cash, check, debit card or ACH.

My Salesman is:

The warehouse and office are located one block west of Beltway 8, between Clay Road and Kempwood Drive.



W.L. Lashley & Associates, Inc.

Terms and Conditions of Sale

ALL ORDERS PLACED BY CUSTOMER WILL BE SUBJECT TO THE TERMS AND CONDITIONS OF SALE SET FORTH BELOW. ANY ADDITIONAL OR DIFFERENT TERMS PROPOSED BY CUSTOMER ARE DEEMED TO BE REJECTED UNLESS EXPRESSLY CONSENTED TO IN WRITING SIGNED BY AN OFFICER OF W.L. LASHLEY & ASSOCIATES, INC.

1.) **ORDERS:** Wholesale Only. All orders subject to acceptance by W.L. Lashley & Associates, Inc. Possession of this wholesale catalog does not constitute the right to purchase from W.L. Lashley & Associates, Inc. Minimum order net is \$25.00.

2.) **PAYMENT TERMS:** For customers with established credit, terms are net thirty (30) calendar days from date of our invoice. For other approved Customers, we accept cash, Visa, MasterCard, AMEX, certified check, or money order prior to shipment or at the time of pickup at our warehouse. All payments must be in U.S. dollars. Past due accounts are subject to a service charge of 1.5% per month.

3.) **COLLECTION FEES:** Customer agrees to pay all costs of collection, including, but not limited to, an attorney's fee equal to thirty percent (30%) of all sums due and outstanding, as well as court costs, if Customer fails or refuses to pay the amount due in accordance to the terms above.

4.) **SALES TAX:** Prices are exclusive of Texas sales tax. W.L. Lashley & Associates, Inc. is required to charge sales tax on orders for which sales tax exemption certificate or resale certificate has not been furnished.

5.) **DELIVERY:** All stock items are normally available for customer pick-up. Orders can be shipped at customer's expense via common carrier, local hauler, or UPS, F.O.B. our Houston, Texas warehouse. Shipping and handling charges will be added to invoice. Title of goods remains with W.L. Lashley & Associates, Inc. until payment in full has been received by W.L. Lashley & Associates, Inc.

Attention: For your protection, please do not accept damaged products. Inspect all shipments carefully before signing & accepting products from any freight company. If products are accepted with damage, freight companies will not pay for the repairs or replacements. Concealed freight damage should be reported to the shipping company immediately.

6.) **WARRANTIES:** (a) Customer may be entitled to the benefit from certain limited warranties provided directly by the manufacturer of the goods purchased. W.L. Lashley & Associates, Inc. assumes no liability for nor any responsibility under said third party warranties unless such liability or responsibility shall be specifically set forth in writing signed by an officer of W.L. Lashley & Associates, Inc. (b) Other than any standard warranties provided by the manufacturers, there are no other warranties provided by W.L. Lashley & Associates, Inc., expressed or implied, and W.L. Lashley &

Associates, Inc. disclaims all warranties, including warranties of merchantability, fitness for a particular purpose, and non-infringement of third party rights. No agent or representative of W.L. Lashley & Associates, Inc. is authorized to give any warranty, guarantee, or make any other statement contrary or inconsistent with this provision. The goods sold by W.L. Lashley & Associates, Inc. will not be engaged in any joint venture and W.L. Lashley & Associates, Inc. has no intention, obligation, or duty to warrant and/or represent the quality, performance and condition of such deliverables on their behalf.

7.) **RETURNS:** No stock items may be returned without prior written authorization. Requests to return stock items must be made within sixty (60) calendar days of purchase and must include our original invoice number. The returned goods must be new, in original undamaged packaging, and are subject to inspection. Returned goods are subject to a minimum twenty-five percent (25%) re-stocking fee. Items other than those shown in this catalog are special order items and are not returnable and cannot be cancelled once order is placed.

8.) **NOTICE OF CLAIM:** No action by Customer shall be brought at any time against W.L. Lashley & Associates, Inc. unless written notice of any claim alleged to exist is delivered by Customer to an officer of W.L. Lashley & Associates, Inc. within sixty (60) calendar days after the event complained of first becomes known or should have become known to Customer, whichever is earlier.

9.) **LIMITATION OF LIABILITY:** W.L. Lashley & Associates, Inc.'s liability in all events is limited to, and shall not exceed, the purchase price paid. Except as set forth herein, W.L. Lashley & Associates, Inc. shall not be liable for any loss or damages, direct, indirect, incidental or consequential.

10.) **JURISDICTION:** Customer hereby waives trial by jury and the right thereto in any action proceeding, arising out of, under or by reason of purchase from W.L. Lashley & Associates, Inc. Customer's contractual relationship with W.L. Lashley & Associates, Inc. constitutes an agreement made in Texas and is governed by the laws of Texas. At W.L. Lashley & Associates, Inc.'s election, any action arising from such agreement may be litigated in Texas, and Customer by purchasing from W.L. Lashley & Associates, Inc. consents to the jurisdiction and venue of any local, state, or federal court located in Texas. Any suit, action, or proceedings filed by Customer against W.L. Lashley & Associates, Inc. shall be instituted in a Texas State court located in Harris County, Texas or, if Federal Court jurisdiction is applicable, in a Federal Court located in Texas.

11.) **CHANGE OF OWNERSHIP NOTIFICATION:** The principals of the Customer agree to notify W.L. Lashley & Associates, Inc. by certified mail of any pending change of ownership of the Customer and further agree to be liable for all purchases should they fail to comply with said notification.

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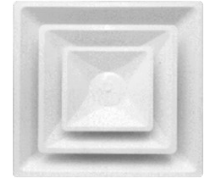
METALAIRE

Lay-In Square Cone Diffuser

- ◆ Steel or Aluminum Construction
- ◆ Round Neck Sizes, Standard 24 x 24 Module
- ◆ 360° Fixed Air Pattern
- ◆ White Finish

Available Accessories

TBPF Surface Mount Frames
BDS Dampers
EXT Extension Collars
SNAP58 Extra Snap-In Cone



Steel Construction

Model 5700

NECK SIZE				
06	08	10	12	14

12x12 Module

Model 5700

NECK SIZE	
06	08

Aluminum Construction

Model 5700AL

NECK SIZE				
06	08	10	12	14

12x12 Module

Model 5700AL

NECK SIZE
08

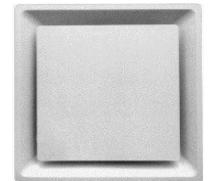
METALAIRE

Lay-In Square Plaque Diffuser

- ◆ Steel Construction
- ◆ Round Neck Sizes, Standard 24 x 24 Module
- ◆ 360° Fixed Air Pattern
- ◆ White Finish

Available Accessories

TBPF Surface Mount Frames
BDS Dampers
EXT Extension Collars



Model 5750

NECK SIZE				
06	08	10	12	14

12x12 Module

Model 5750

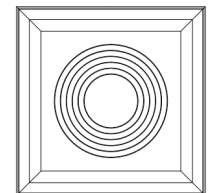
NECK SIZE
08

METALAIRE

Molded R-6 Fiberglass Insulated Back Pan

Model FGBP

- ◆ For 24 x 24 Lay-in Modules
- ◆ Fits Models 5700, 5750



Specs and dimensions are subject to change without notice

METALAIRE

Lay-In Square Louver Face Diffuser

- ◆ Steel or Aluminum Construction
- ◆ Square Neck Sizes, Standard 24 x 24 Module
- ◆ Four-Way Fixed Air Pattern
- ◆ White Finish

Aluminum Construction

Model 5500

NECK SIZE (WIDTH X HEIGHT)				
06 x 06	09 x 09	12 x 12	15 x 15	18 x 18

Steel Construction

Model 5500S6

NECK SIZE (WIDTH X HEIGHT)				
06 x 06	09 x 09	12 x 12	15 x 15	18 x 18

Available Accessories

TBPF Surface Mount Frames
D5 Dampers
Square to Round Adapters



METALAIRE

Surface Mount Square Louver Face Diffuser

- ◆ Steel Construction
- ◆ Square Neck Sizes
- ◆ Four-Way Fixed Air Pattern
- ◆ White Finish
- ◆ Flat Frame Ceiling Opening is Listed Size + 3 1/4"
- ◆ Beveled Frame Ceiling Opening is Neck Size + 3/8"

Flat Frame

Model 5500S1

WIDTH X HEIGHT			
06 x 06	09 x 09	12 x 12	15 x 15

Beveled Frame

Model 5500S2

WIDTH X HEIGHT				
06 x 06	09 x 09	12 x 12	15 x 15	18 x 18

Available Accessories

D5 Dampers
Square to Round Adapters



Specs and dimensions are subject to change without notice

METALAIRE

Lay-In Perforated Supply Diffuser

- ◆ Steel Construction
- ◆ Curved Blades in Neck
- ◆ Round Neck Sizes, Standard 24 x 24 Module
- ◆ Four-Way Air Pattern
- ◆ White Finish
- ◆ Removable Face

Steel Construction

Model 7600

NECK SIZE				
06	08	10	12	14

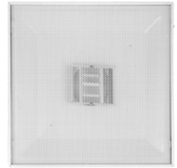
Black Steel Backpan with White Aluminum Face

Model 7600AF

NECK SIZE				
06	08	10	12	14

Available Accessories

TBPF Surface Mount Frames
BDS Dampers
EXT Extension Collars



METALAIRE

Lay-In Perforated Supply Diffuser

- ◆ Steel Construction
- ◆ Deflectors on Back of Face
- ◆ Round Neck Sizes, Standard 24 x 24 Module
- ◆ Four-Way Air Pattern
- ◆ White Finish
- ◆ Removable Face

Model 7500

NECK SIZE				
06	08	10	12	14

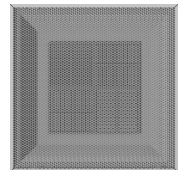
12x12 Module

Model 7500

NECK SIZE
06

Available Accessories

TBPF Surface Mount Frames
BDS Dampers
EXT Extension Collars



AMERICAN METAL PRODUCTS

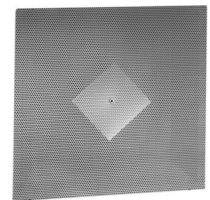
Lay-In Perforated Supply Diffuser

Model 4235

- ◆ Steel Construction
- ◆ Stamped Deflector Pattern Controller
- ◆ R-6 Ductboard Back
- ◆ White Finish
- ◆ Standard 24 x 24 Module

Available Accessories

100 B or 100BD Ductboard Collars



Specs and dimensions are subject to change without notice

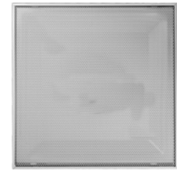
METALAIRE

Lay-In Perforated Return Diffuser

- ◆ Steel or Aluminum Construction
- ◆ Square and Round Neck Sizes, 24 x 24 or 12 x 12 Module
- ◆ White Finish

Available Accessories

TBPF Surface Mount Frame
OBD and BDS Dampers



Steel Construction, Round Neck

Model 7600R

NECK SIZE					
06	08	10	12	14	16

12x12 Module

Model 7600R

NECK SIZE
06

Steel Construction, Square Neck

Model 7650R

NECK SIZE (WIDTH X HEIGHT)				
08 x 08	10 x 10	12 x 12	14 x 14	22 x 22

24x12 Module

Model 7650R

NECK SIZE
22 x 10

24x24 Module Aluminum Face Construction, Square Neck

Model 7650AFR

NECK SIZE
22 x 22

12x12 Module

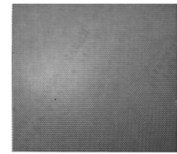
Model 765AFR

NECK SIZE
10 x 10

METALAIRE

Lay-In Perforated Face Ceiling Panel

- ◆ Steel or Aluminum Construction
- ◆ White Finish



Steel Construction

Model SPRTB

PANEL SIZE	
24 x 12	24 x 24

Aluminum Construction

Model PRTB

PANEL SIZE
24 X 24

USAIRE

Lay-In Square Cone Diffuser

- ◆ Steel Construction
- ◆ Round Neck Sizes, Standard 24 x 24 Module
- ◆ 360° Fixed Air Pattern
- ◆ Includes R6 Insulated Fiberglass Back Pan
- ◆ White Finish



Steel Construction

Model 4706

NECK SIZE				
06	08	10	12	14

Specs and dimensions are subject to change without notice

METALAIRE

Surface Mount Plaster Frame

- ◆ Aluminum Construction
- ◆ Steel Construction
- ◆ White finish



Model TBPF or Model STBPF

FRAME SIZE		
12 x 12	24 x 12*	24 x 24

METALAIRE

Round Cone Ceiling Diffuser with a Beveled Face

- ◆ Steel Construction
- ◆ Adjustable Horizontal or Vertical Air Pattern
- ◆ White Finish
- ◆ Ceiling opening listed neck size +1"

Available Accessories BDS Dampers



Model 3100SA2

SIZE	08	10	12	14
NECK DIAMETER	7 3/4	9 3/4	11 3/4	13 3/4
OUTER DIAMETER	16 1/8	21 7/8	21 7/8	28 3/4

Specs and dimensions are subject to change without notice

METALAIRE

T-Bar Supply Plenum Slot Diffuser

- ◆ Steel Construction
- ◆ Heavy Duty, Adjustable, Aluminum Pattern Controller
- ◆ 1 ½” Slot Width, Single Slot, 2 ½” Face
- ◆ 24” Length
- ◆ 48” Length

Available Accessories
PPF Surface Mount Frame
See below for more.



Model PHPSI24

Inlet Size
06
08*

Model PHPSI48

Inlet Size
06
08*
10*

*Oval inlets

Surface mount trim: Available in 24” and 48” length.

Tape & Float Plaster Frames: Available in 48” length.



Specs and dimensions are subject to change without notice

METALAIRE

Single Deflection Sidewall Supply Register

- ◆ Aluminum Construction
- ◆ Multi-Shutter Damper
- ◆ Vertical Face Bars
- ◆ White Finish



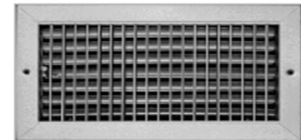
Model V4002M

WIDTH X HEIGHT							
08 x 04	10 x 04	12 x 04	14 x 04	16 x 04	18 x 06	20 x 04	24 x 04
08 x 06	10 x 06	12 x 06	14 x 06	16 x 06	18 x 08	20 x 06	24 x 06
08 x 08	10 x 08	12 x 08	14 x 08	16 x 08		20 x 08	24 x 08
	10 x 10	12 x 10				20 x 10	*24 x 10
		12 x 12					24 x 12

METALAIRE

Double Deflection Sidewall Supply Register

- ◆ Aluminum Construction
- ◆ Opposed Blade Damper
- ◆ Vertical Front Bars
- ◆ White or Satin Silver Finish



White Finish

Model V4004

WIDTH X HEIGHT											
06 x 04	08 x 04	10 x 04	12 x 04	14 x 04	16 x 06	18 x 04	*20 x 04	24 x 04	30 x 06	36 x 06	48 x 12
06 x 06	08 x 06	10 x 06	*12 x 05	14 x 06	16 x 08	18 x 06	20 x 06	24 x 06	30 x 10	36 x 10	
	08 x 08	10 x 08	12 x 06	14 x 08	16 x 10	18 x 08	20 x 08	24 x 08	30 x 12	36 x 12	
		10 x 10	12 x 08	14 x 10	16 x 12	18 x 10	20 x 10	24 x 10	30x08		
			12 x 10			18 x 12	20 x 12	24 x 12			
			12 x 12								

Satin Silver Finish

Model AV4004

WIDTH X HEIGHT				
10 x 06	12 x 06	14 x 06	16 x 08	*24 x 08
10 x 08	12 x 08	14 x 08	16x06	24 x 10
				24 x 12

* Size to be discontinued.

See sales associate for special pricing.

Specs and dimensions are subject to change without notice

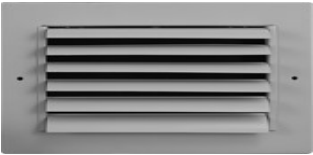
METALAIRE

Surface Mount Curved Blade Ceiling Supply Register

- ◆ Aluminum Construction
- ◆ Opposed Blade Damper
- ◆ Adjustable Curved Blades
- ◆ White Finish

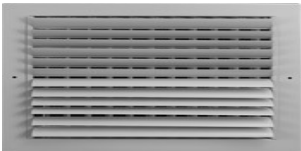
One Way
Model L1

WIDTH X HEIGHT				
08 x 04	10 x 06	12 x 06	14 x 06	*16 x 06
08 x 08	10 x 08	12 x 08	14 x 08	
	10 x 10	12 x 12		



Two Way
Model LT1

WIDTH X HEIGHT				
06 x 06	08 x 04	10 x 06	12 x 12	*14 x 06
	08 x 08	10 x 10		



Three Way
Model LS31

WIDTH X HEIGHT					
06 x 06	08 x 04	10 x 06	12 x 06	14 x 06	16 x 06
	08 x 06	10 x 08	12 x 08	14 x 08	16 x 08
	08 x 08	10 x 10	12 x 12		



Four Way
Model LS41

WIDTH X HEIGHT						
06 x 06	08 x 08	10 x 10	12 x 12	14 x 14	16 x 16	18 x 18



Specs and dimensions are subject to change without notice

METALAIRE

Spiral Duct Grille

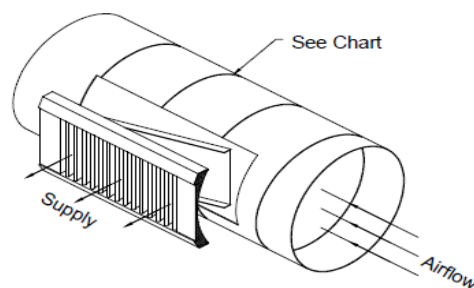
- ◆ Aluminum Construction
- ◆ Double Deflection
- ◆ Extractor with Wire Handle
- ◆ Mill Finish

Model 4004SP

Size	Pipe Diameter	CFM @ 800 FPM
12 x 04	08" - 24"	203
12 x 06	12" - 24"	328
24 x 06	12" - 24"	705
16 x 08	20" - 36"	614
20 x 08	20" - 36"	775
24 x 08	20" - 36"	936

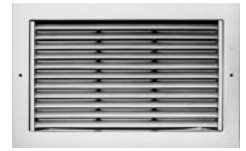
** Size to be discontinued.
See sales associate for special pricing.*

Specs and dimensions are subject to change without notice



METALAIRE
Return Air Grille

- ◆ Aluminum or Steel Construction
- ◆ 45° Deflection
- ◆ 3/4" Blade Spacing
- ◆ Surface Mount or Lay-In
- ◆ White Finish



Aluminum Construction, Surface Mount

Model RH											
WIDTH X HEIGHT											
06 x 06	08 x 04	10 x 06	12 x 06	14 x 06	*16 x 06	18 x 10	*20 x 06	24 x 12	30 x 12	36 x 12	48 x 12
	08 x 06	10 x 08	12 x 08	14 x 12	16 x 08	18 x 12	20 x 10	24 x 16	30 x 14	36 x 18	48 x 18
	08 x 08	10 x 10	12 x 12	14 x 14	16 x 12	18 x 18	*20 x 12	24 x 18	30 x 16	36 x 24	48 x 24
			12 x 18		16 x 16	18 x 30	20 x 16	24 x 20	30 x 20	36 x 36	48 x 36
			12 x 24			18 x 36	20 x 20	24 x 24	30 x 24		48 x 48
			12 x 30				20 x 30	24 x 30	30 x 30		
			12 x 36					24 x 36			
								24 x 48			

Aluminum Construction, Lay-in - Model RHTB

NECK	10 x 10	22 x 10	22 x 22	22 x 46	46 x 22
MODULE	12 x 12	24 x 12	24 x 24	24 x 48	48 x 24

Steel Construction, Lay-in - SRHTB

NECK	22 x 22
MODULE	24 x 24

* Size to be discontinued.
See sales associate for special pricing.

Specs and dimensions are subject to change without notice

Need Gas or Electric Heaters?

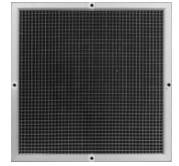
Lashley & Associates has the all the vendors you need!



METALAIRE

Egg Crate Return Air Grille

- ◆ Aluminum Construction
- ◆ ½" x ½" x ½" Aluminum Grid Core
- ◆ Lay-in or Surface Mount
- ◆ White Finish



Surface Mount

Model CC5

WIDTH X HEIGHT								
06 x 06	08 x 08	10 x 10	12 x 12	14 x 14	16 x 16	18 x 18	24 x 12	24 x 24

Lay-in

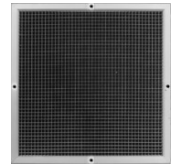
Model CC5TB

NECK	10 x 10	22 x 10	22 x 22	22 x 46
MODULE	12 x 12	24 x 12	24 x 24	24 x 48

METALAIRE

Lay-in Egg Crate Return Air Filter Grille

- ◆ Aluminum Construction
- ◆ ½" x ½" x ½" Grid Aluminum Grid Core
- ◆ Lay-in or Surface Mount
- ◆ White Finish



Model CC5FTB

FILTER RACK	20 x 20	44 x 20
MODULE	24 x 24	48 x 24

METALAIRE

Door Grille

- ◆ Aluminum Construction
- ◆ Sight-proof Core, with Inverted "V" Shaped Louvers
- ◆ 1 ¼" Flat Border, on Both Sides
- ◆ White Finish



Model DGDF

WIDTH X HEIGHT				
12 x 08*	16 x 16	*18 x 12	20 x 20	24 x 12
12 x 12		18 x 18	20 x 30	24 x 18
		18 x 24		24 x 24
				24 x 30

* Size to be discontinued.
See sales associate for special pricing.

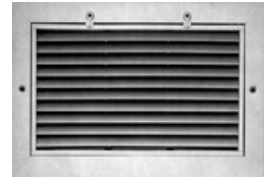
Specs and dimensions are subject to change without notice

METALAIR

Return Air Filter Grille

- ◆ Aluminum Construction
- ◆ Lay-in or Surface Mount
- ◆ Hinged Face with ¼ Turn Thumb Latches
- ◆ Uses 1" Filters
- ◆ White Finish

Available Accessories
Fiberglass Filters, 1"
Select sizes



Surface Mount, White Finish

Model RHF

WIDTH X HEIGHT									
12 x 12	16 x 20	18 x 18	20 x 16	24 x 10	25 x 16	30 x 10	32 x 20	36 x 12	48 x 24
12 x 18	16 x 25	18 x 24	20 x 20	24 x 12	25 x 20	30 x 12	32 x 25	36 x 18	
12 x 24		18 x 30	20 x 25	24 x 16	25 x 25	30 x 14		36 x 24	
12 x 36		18 x 36	20 x 30	24 x 24	25 x 32	30 x 16			
			20 x 32	24 x 30		30 x 18			
			20 x 40	24 x 36		30 x 20			
				24 x 48		30 x 24			

Lay-in, White Finish - Model RHFTB

FILTER RACK	20 x 20	44 x 20
MODULE	24 x 24	48 x 24

** Size to be discontinued.
 See sales associate for special pricing.*

Specs and dimensions are subject to change without notice

Steel Construction, Lay-in - SRHFTB

NECK	20 x 20	44x20
MODULE	24 x 24	48x24

USAIRE

Lay-in Filter Grille

Model **1420F**

- ◆ Stamped Steel Construction
- ◆ R-6 Ductboard Plenum Back
- ◆ Uses 1" Filters 20x20
- ◆ White Finish
- ◆ Standard 24 x 24 Module

Available Accessories

100B Collars

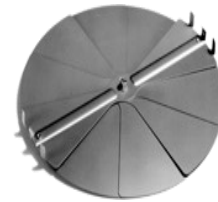
Fiberglass Filters, 1"



USAIRE

Radial Shutter Damper

- ◆ Steel Construction
- ◆ Screwdriver Adjustable
- ◆ Mill Finish



Model RSD

DIAMETER			
06	08	10	12

METALAIRE

Butterfly Damper

Available Accessories

BDSTH Plastic Handles

- ◆ Galvanized Steel Construction
- ◆ Mill Finish



Model BDS

DIAMETER				
06	08	10	12	14

Specs and dimensions are subject to change without notice

METALAIRE

Opposed Blade Damper
Model OBD

- ◆ Steel Construction
- ◆ Screwdriver Slot Operator
- ◆ Mill Finish

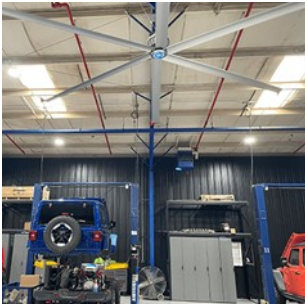
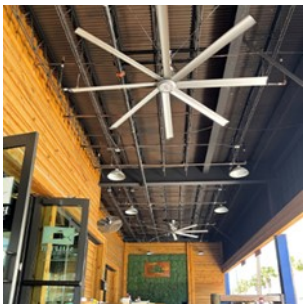


Model OBD

WIDTH X HEIGHT				
06 x 06	08 x 08	10 x 10	12 x 12	22 x 22

** Size to be discontinued.
See sales associate for special pricing.*

Specs and dimensions are subject to change without notice



HIGH VOLUME LOW SPEED TECHNOLOGY.

SkyBlade Fans High Volume Low Speed (HVLS) Fans are specially designed to move more air at lower operating speeds. They don’t just look cool, they deliver top efficiency to heating and cooling systems by reducing their run time, cycles and improving overall occupant comfort and morale... Really, there’s documented proof – and we want to share it with you.

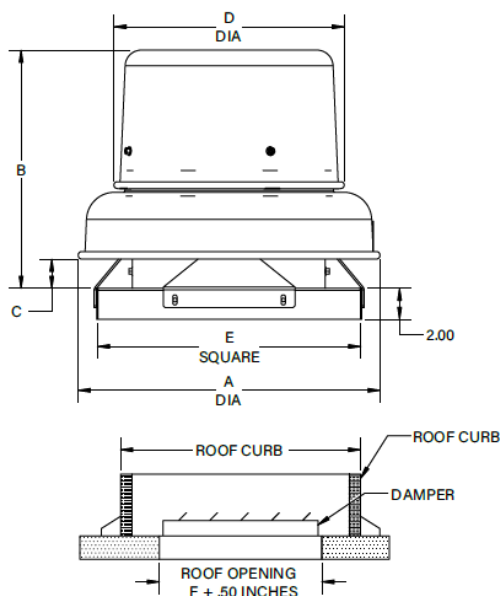
Custom ordered and ships fast!

Contact Lashley & Associates to discuss your HVLS fan projects.

Twin City Fan Company

Downblast Centrifugal Exhaust Ventilator

The VC Centrifugal Roof Exhauster is designed specifically for roof mounted applications, exhausting relatively clean air. Fans feature high efficiency, backward curved, non-overloading, centrifugal impellers precisely matched to a deep spun venturi.



* Damper not available on restaurant construction.



Model VC
with GridSmart™ EC Motor

Benefits

- Efficiencies up to 85%
- Constant efficiency as the motor speed is varied
- Up to 66% energy savings over traditional PSC motors
- Performance range comparable to a belt driven fan with reduced maintenance benefits of a direct drive fan
- 80% usable turndown range as compared with 40% maximum on PSC motors
- Soft start gives fans smooth, quiet start
- Lower operating temperatures result in longer life and reduces energy consumption
- Heavy-duty ball bearings are permanently lubricated
- Elimination of VFD results in lower initial cost

EC Motor Options

1/8 HP to 1 HP

- 1/8 HP—1 HP: 115V, 208V or 230V single-phase
- ODP or TENV enclosure
- 0-10VDC control leads as standard
- Available with remote mounted speed control dial or GridPoint controller, depending on the motor



1/8 HP to 1 HP
GridSmart™ EC Motors



GridPoint Controller

VC 083

RPM	0.000" SP			0.100" SP			0.125" SP			0.250" SP			0.375" SP			0.500" SP		
	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sone
500	110	0.001	0.5															
600	132	0.001	1.0															
700	154	0.002	1.5															
800	176	0.003	2.2	97	0.004													
950	210	0.005	3.4	155	0.006	2.4	134	0.006	2.4									
1150	254	0.009	4.9	212	0.011	4.0	199	0.011	3.9									
1350	298	0.015	6.4	265	0.017	5.6	255	0.017	5.6	192	0.018	4.8						
1425	314	0.018	7.1	284	0.02	6.3	275	0.02	6.3	219	0.022	5.5						
1500	331	0.021	7.7	303	0.023	7.3	294	0.023	6.7	244	0.025	6.1	159	0.024	5.7			
1650	364	0.027	9.0	339	0.03	9.2	332	0.031	8.5	289	0.033	7.6	233	0.034	7.0			
1750	386	0.033	10.1	363	0.036	10.6	356	0.036	9.8	317	0.039	8.5	270	0.04	8.0	195	0.039	7.8

VCU/VCUB 089

RPM	0.000" SP			0.125" SP			0.250" SP			0.375" SP			0.500" SP			0.625" SP			0.750" SP			0.875" SP			1.000" SP		
	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones
860	289	0.008	2.7	221	0.009	1.8																					
1050	352	0.014	4.0	304	0.016	3.3	230	0.017	2.7																		
1140	383	0.018	4.7	341	0.02	3.9	277	0.022	3.5	173	0.021	3.2															
1160	389	0.019	4.9	349	0.021	3.9	287	0.023	3.6	193	0.022	3.4															
1300	436	0.026	5.9	402	0.029	5.6	350	0.032	4.9	290	0.033	4.5	178	0.03	4.4												
1350	453	0.03	6.3	421	0.032	6.2	372	0.035	5.2	317	0.037	4.9	232	0.036	4.7												
1500	503	0.041	7.6	475	0.044	7.9	436	0.047	6.1	388	0.05	5.9	334	0.051	5.7	252	0.049	5.4									
1550	520	0.045	8.0	493	0.048	8.3	457	0.051	6.4	411	0.054	6.2	361	0.056	5.9	293	0.055	5.7									
1650	554	0.054	8.8	529	0.057	9.7	497	0.061	7.2	454	0.064	7.0	411	0.067	6.7	358	0.068	6.4	282	0.065	6.2						
1700	570	0.059	9.3	546	0.063	10.0	517	0.066	7.8	476	0.07	7.3	434	0.073	6.8	386	0.074	6.7	322	0.073	6.5						
1750	587	0.064	9.8	564	0.068	10.6	536	0.072	8.6	497	0.075	7.8	456	0.079	7.3	412	0.081	7.2	357	0.08	6.7	274	0.076	6.9			
1800	604	0.07	10.3	581	0.074	11.2	555	0.078	9.5	519	0.081	8.3	479	0.085	7.9	438	0.087	7.6	388	0.088	7.2	320	0.085	7.0			

VCU/VCUB 098

	0.000" SP			0.125" SP			0.250" SP			0.375" SP			0.500" SP			0.625" SP			0.750" SP			0.875" SP			1.000" SP		
RPM	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones
860	387	0.012	3.4	317	0.014	2.5																					
1050	472	0.021	4.7	421	0.024	4.1	345	0.027	3.3																		
1140	512	0.027	5.3	467	0.031	4.9	403	0.034	4.2	313	0.035	3.3															
1160	521	0.028	5.4	477	0.032	5.2	415	0.035	4.4	330	0.037	3.6															
1300	584	0.04	6.5	546	0.044	6.9	496	0.048	5.7	432	0.051	5.0	346	0.051	4.3												
1350	607	0.045	7.1	570	0.049	7.4	523	0.053	6.1	464	0.057	5.4	390	0.058	4.8												
1500	674	0.061	8.5	642	0.066	9.3	603	0.071	7.3	555	0.075	7.0	498	0.079	6.1	429	0.079	5.7	313	0.076	5.4						
1650	742	0.082	10.0	713	0.087	10.9	680	0.092	9.7	639	0.098	8.5	592	0.102	7.8	539	0.105	7.1	475	0.105	6.7	381	0.103	6.4			
1700	764	0.089	10.5	736	0.095	11.3	704	0.1	10.3	666	0.106	9.0	622	0.11	8.6	572	0.114	7.4	514	0.115	7.2	438	0.114	6.7			
1750	787	0.098	11.0	760	0.103	12.3	729	0.109	11.2	693	0.114	9.5	651	0.119	9.1	604	0.123	8.3	550	0.13	7.8	486	0.13	7.2	389	0.122	7.0
1800	809	0.106	11.9	783	0.112	12.4	754	0.118	11.9	720	0.123	10.2	679	0.13	9.6	635	0.13	9.0	585	0.14	8.2	527	0.14	7.9	450	0.14	7.5

VC 120

RPM	0.000" SP			0.100" SP			0.125" SP			0.250" SP			0.375" SP			0.500" SP			0.625" SP			0.750" SP			0.875" SP			1.000" SP		
	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sones	CFM	BHP	Sone	CFM	BHP	Sone	CFM	BHP	Sone	CFM	BHP	Sone	CFM	BHP	Sones
500	405	0.006	1.3																											
600	486	0.011	2.4	309	0.013	1.7	195	0.01																						
700	567	0.017	3.3	437	0.02	2.8	387	0.02	2.6																					
860	697	0.031	4.9	605	0.036	4.8	574	0.037	4.5	313	0.033	3.9																		
1000	810	0.049	6.5	737	0.055	6.5	714	0.056	6.2	560	0.059	5.5																		
1140	923	0.072	8.2	861	0.079	8.3	843	0.081	8.2	729	0.086	7.3	563	0.086	6.7															
1350	1094	0.12	10.9	1043	0.13	11.3	1029	0.13	11.1	947	0.14	10.3	841	0.14	9.6				464	0.122	8.7									
1725	1397	0.25	15.7	1359	0.26	15.8	1349	0.26	16.4	1294	0.28	15.8	1229	0.29	14.7	1153	0.3	14.6	1065	0.3	13.6	961	0.3	13.5	833	0.29	12.9	641	0.27	12.9
1800	1458	0.28	16.7	1421	0.3	16.7	1412	0.3	17.2	1360	0.31	17.0	1300	0.32	15.7	1230	0.33	15.6	1151	0.34	14.8	1057	0.34	14.4	950	0.34	14.1	812	0.33	13.8

**Don't see what you're
looking for?**

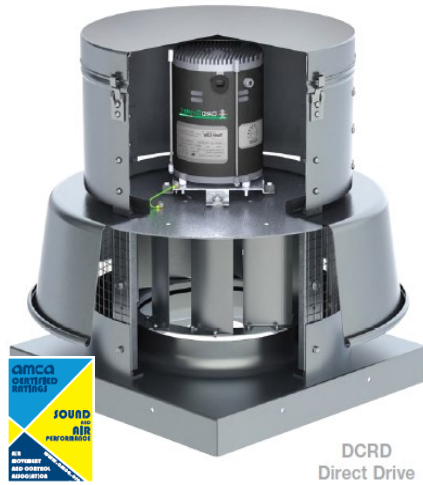
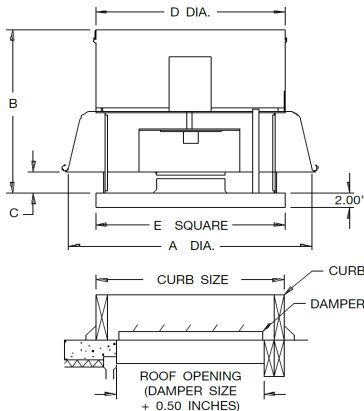
**Ask us about our special
order options!**

Twin City Fan Company

Downblast Centrifugal Exhaust Ventilator

Model DCRD Centrifugal Exhaust fans are direct driven fans designed for roof-mounted applications exhausting relatively clean air. They feature a spun aluminum housing and a non-overloading, backward-inclined aluminum wheel. Motors are enclosed in a weather-tight compartment, separated from the exhaust airstream. Model DCRD fans are UL-listed and licensed to bear the AMCA Certified Ratings Seals for air and sound performance.

- ◆ Roof Mounted
- ◆ Direct Drive EC Motor
- ◆ Hurricane Rated



Items Included with Unit:

115/60/1 Motor

Pre-wired Disconnect Switch

Speed Control

Back draft Damper

Available Accessories

* Roof Curb (RCG)

* 120V Power Pack for Back draft Damper (715473)

* Remote Speed Control

Module (ECMSC)

EC MOTOR SIZES	PSC MOTOR SIZES	FAN DIMENSIONS					CANTED CURB SIZE	DAMPER SIZE	AVG. SHIP WT. (LBS.)
		A	B	C	D	E			
060BE/070BE	060B/070B	18.50	15.63	2.06	15.12	17.00	15.5x15.5	10x10	30
080BE	080B	18.50	15.63	2.06	15.12	17.00	15.5x15.5	10x10	32
085BE/090BE/095BE	085B/090B/095B	21.00	19.31	2.63	15.12	17.00	15.5x15.5	10x10	43
100BE	100B	21.00	17.31	2.63	15.12	17.00	15.5x15.5	10x10	48
120BE	120B	27.50	22.38	3.63	22.00	20.00	18.5x18.5	14x14	50
130BE	130B	27.50	23.25	4.44	22.00	24.00	22.5x22.5	18x18	65
140BE	140B	27.50	23.50	4.69	22.00	24.00	22.5x22.5	18x18	67
150BE	150B	30.44	26.75	4.63	24.00	24.00	22.5x22.5	18x18	77
160BE	160B	30.44	27.25	5.19	24.00	24.00	22.5x22.5	18x18	82
170BE	170B	38.38	29.25	4.06	30.00	30.00	28.5x28.5	24x24	95
180BE	180B	38.38	30.25	5.06	30.00	30.00	28.5x28.5	24x24	100

D-4051F

Notes:

1. All dimensions are in inches unless otherwise noted.
2. Dimensions are not to be used for construction.
3. Outside dimensions of dampers are nominal.
4. Outside dimensions of roof curb should be 1" to 1.50" less than inside curb cap dimension 'E', depending on thickness of flashing material used. If curb hinges are used, specify 1.50" difference.
5. Self-flashing roof curbs are 1" larger than canted curbs.

EC		PSC		RPM	STATIC PRESSURE (INCHES W.G.)																					
SIZ E	MTR HP	SIZ E	MTR HP		0		0.100		0.125		0.250		0.375		0.500		0.625		0.750		0.875		1.000			
					CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP		CFM BHP	
080B E	1/6	080B	1/8	950	294		176		137																	
					0.00	3.0	0.01	2.5	0.01	2.7																
				1150	356		262		236																	
					0.01	4.4	0.01	3.9	0.01	4.1																
				1350	418		340		319		198															
					0.01	5.8	0.02	5.2	0.02	5.1	0.01	5.2														
				1425	442		367		348		240															
					0.01	6.4	0.02	5.8	0.02	5.6	0.02	5.6														
				1500	465		395		376		277															
					0.02	6.9	0.02	6.4	0.02	6.2	0.02	6.0														
				1575	488		422		404		312															
					0.02	7.4	0.02	7.2	0.02	6.7	0.02	6.9														
1650	512		448		432		345		240																	
	0.02	7.9	0.03	7.9	0.03	7.5	0.03	7.7	0.03	7.3																
085B E	1/6	085B	1/8	1750	542		483		468		387		296													
					0.03	8.9	0.03	8.9	0.03	8.4	0.03	8.4	0.03	7.9												
				950	401		331		311		185															
					0.02	4.0	0.02	3.4	0.02	3.4	0.02	3.4														
				1150	485		430		414		328		214													
					0.04	5.8	0.04	5.7	0.04	5.2	0.04	5.3	0.04	5.0												
				1350	570		524		512		443		364		268											
					0.06	7.7	0.06	7.7	0.06	7.7	0.06	6.6	0.06	7.0	0.06	6.7										
		1425	601		558		547		483		412		328		202											
			0.07	8.4	0.07	8.4	0.07	8.4	0.07	7.3	0.07	7.8	0.07	7.3	0.06	7.1										
		1500	633		592		581		522		457		381		291											
			0.08	8.9	0.08	8.9	0.08	8.9	0.08	7.9	0.09	8.4	0.08	7.6	0.08	7.9										
		1575	665		626		616		560		499		431		353		244									
			0.09	9.6	0.09	9.6	0.10	9.6	0.10	8.6	0.10	8.5	0.10	8.9	0.10	8.4	0.08	8.4								
		1650	696		660		650		596		540		479		407		325									
			0.10	10.2	0.11	10.2	0.11	10.2	0.11	9.6	0.11	9.1	0.11	9.6	0.10	9.0	0.11	9.1								
---	---	---	---	1750	738		704		695		647		594		538		475		405		321					
					0.12	11.1	0.13	11.1	0.13	11.1	0.13	10.8	0.13	10.1	0.14	10.4	0.13	10.4	0.13	10.1	0.12	10.2				

Continued on next page...

EC MOTOR		PSC		RPM	STATIC PRESSURE (INCHES W.G.)														
SIZE	MTR HP	SIZE	MTR HP		0	0.100	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000					
					CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP	CFM BHP				
090BE	1/6	090B	1/8	950	519	430	403	235											
				0.02 4.0	0.02 3.5	0.02 3.5	0.02 3.5												
				1150	628	558	538	422	273										
				0.04 5.7	0.04 5.6	0.04 5.3	0.04 5.3	0.04 5.0											
				1350	737	679	663	574	467	340									
				0.06 7.6	0.06 7.6	0.06 7.6	0.07 6.8	0.07 6.8	0.07 6.8										
				1425	778	723	709	627	530	417	253								
				0.07 8.3	0.07 8.3	0.08 8.3	0.08 7.4	0.08 7.7	0.08 7.3	0.07 7.2									
				1500	819	767	754	678	589	488	370								
				0.08 8.9	0.09 8.9	0.09 8.9	0.09 8.1	0.10 8.4	0.09 7.7	0.09 8.0									
				1575	860	811	798	728	646	553	448	310							
				0.09 9.6	0.10 9.6	0.10 9.6	0.11 8.7	0.11 8.7	0.11 8.8	0.11 8.6	0.10 8.6								
				1650	901	854	842	776	701	616	521	413							
				0.11 10.4	0.11 10.4	0.11 10.4	0.12 9.8	0.13 9.3	0.13 9.8	0.12 9.2	0.12 9.5								
		---	---	1750	956	912	900	840	771	694	609	516	409						
		0.13 11.5	0.13 11.5	0.13 11.5	0.14 11.0	0.15 10.2	0.15 10.8	0.15 10.5	0.15 10.2	0.14 10.3									
095BE	1/4	095B	1/8	950	700	574	538	283											
				0.03 4.6	0.03 4.0	0.03 4.1	0.03 3.6												
				1150	848	747	719	564	323										
				0.04 6.6	0.05 6.3	0.05 6.0	0.05 6.0	0.04 5.3											
				1350	995	911	889	767	623	411									
				0.07 8.7	0.08 8.7	0.08 8.3	0.08 7.8	0.08 7.5	0.07 7.1										
				1425	1050	972	951	837	709	534	304								
				0.08 9.5	0.09 9.5	0.09 9.5	0.10 8.7	0.10 8.9	0.09 7.8	0.07 7.5									
				1500	1106	1031	1012	905	789	644	443								
				0.10 10.6	0.11 10.6	0.11 10.6	0.11 9.8	0.11 9.9	0.11 8.4	0.10 8.4									
				1575	1161	1090	1072	972	864	736	568	368							
				0.11 11.3	0.12 11.3	0.12 11.3	0.13 11.2	0.13 11.0	0.13 10.5	0.12 9.5	0.10 9.2								
				1650	1216	1149	1131	1038	936	823	682	497							
				0.13 13.6	0.14 13.6	0.14 13.6	0.15 12.8	0.15 11.7	0.15 12.4	0.15 10.1	0.13 10.1								
		---	---	1750	1290	1227	1210	1124	1029	929	812	661	483						
		0.16 14.9	0.16 14.9	0.17 14.9	0.18 14.8	0.18 13.2	0.18 13.5	0.18 12.8	0.17 11.5	0.15 11.4									
		120BE	1/2	120B	1/16*	500	572												
						0.01 1.8													
						700	802	571	489										
						0.02 3.9	0.02 3.4	0.02 3.2											
					1/8*	860	985	806	756	450									
						0.03 5.8	0.04 4.8	0.04 4.7	0.04 4.8										
						1000	1145	995	955	723	418								
						0.05 7.2	0.06 6.7	0.06 6.3	0.07 6.4	0.06 6.4									
1/3*	1160				1328	1201	1168	985	768	496									
	0.08 9.4				0.10 9.4	0.10 9.0	0.10 8.3	0.10 8.0	0.09 8.2										
	1450				1660	1560	1535	1399	1251	1085	902	682							
	0.16 13.2				0.18 13.2	0.18 13.2	0.19 11.9	0.20 12.1	0.20 12.5	0.19 11.8	0.18 11.9								
---	1750				2004	1922	1901	1793	1678	1557	1427	1284	1132	968					
	0.29 18.0				0.31 18.0	0.31 18.0	0.33 17.9	0.34 16.4	0.35 16.7	0.35 17.7	0.35 16.7	0.34 15.7	0.33 16.3						
	500			778	415	276													
1/8	0.01 2.2			0.02 1.9	0.01 1.9														
	700			1089	865	718	364												
	0.04 5.2			0.04 4.6	0.04 4.9	0.04 4.5													
1/4	860			1338	1163	1114	845	456											
	0.07 7.4			0.07 7.0	0.07 6.7	0.08 6.8	0.07 6.8												
	1000			1556	1408	1368	1157	895	552										
	0.11 9.4			0.11 9.4	0.12 8.9	0.12 9.4	0.12 9.0	0.11 9											
1/2	1160			1805	1679	1646	1470	1282	1048	760									
	0.17 12.0			0.18 12.1	0.18 12.1	0.18 11.5	0.19 12.9	0.19 12.1	0.18 12.7										
	1450	2256	2156	2131	1998	1856	1709	1550	1362	1139	904								
	0.33 17.0	0.34 17.0	0.34 17.0	0.35 17.2	0.36 17.1	0.37 18.7	0.37 18.7	0.37 17.2	0.36 18	0.34 18									
130BE	3/4	130B	1/8	1750	2723	2641	2620	2513	2402	2285	2164	2041	1910	1763					
				0.58 22.0	0.59 22.0	0.59 22.0	0.60 22.0	0.62 23.0	0.62 22.0	0.63 23.0	0.64 24.0	0.65 25.0	0.65 24.0						
			1/4	500	884	502	344												
				0.02 2.9	0.02 2.1	0.02 2.1													
			1/8	700	1237	999	931	459											
				0.04 6.3	0.05 5.0	0.05 5.1	0.04 4.6												
			1/4	860	1520	1334	1283	994	573										
				0.08 9.0	0.08 8.3	0.08 7.8	0.09 7.5	0.08 7											
			1/2	1000	1767	1611	1569	1340	1067	688									
				0.13 11.0	0.13 11.0	0.13 10.6	0.13 9.4	0.13 8.7	0.12 9.1										
			---	1160	2050	1917	1882	1695	1488	1248	940								
				0.20 14.3	0.20 14.3	0.20 14.3	0.21 12.1	0.21 12.3	0.21 11.1	0.19 11.6									
			140BE	3/4	140B	1/8	1450	2562	2458	2431	2290	2138	1977	1805	1612	1391	1117		
							0.39 19.6	0.39 19.6	0.40 18.9	0.40 17.4	0.41 17.4	0.41 17.3	0.41 18.4	0.41 17.3	0.39 17	0.38 17			
1/4	1750	3092				3006	2984	2872	2753	2628	2497	2362	2220	2068					
	0.68 26.0	0.69 26.0				0.69 26.0	0.70 25.0	0.70 25.0	0.71 23.0	0.71 23.0	0.72 23.0	0.72 24.0	0.72 24.0						
1/2	500	884				502	344												
	0.02 2.9	0.02 2.1				0.02 2.1													
1/8	700	1237				999	931	459											
	0.04 6.3	0.05 5.0				0.05 5.1	0.04 4.6												
1/4	860	1520				1334	1283	994	573										
	0.08 9.0	0.08 8.3				0.08 7.8	0.09 7.5	0.08 7											
1/2	1000	1767				1611	1569	1340	1067	688									
	0.13 11.0	0.13 11.0				0.13 10.6	0.13 9.4	0.13 8.7	0.12 9.1										
---	1160	2050				1917	1882	1695	1488	1248	940								
0.20 14.3	0.20 14.3	0.20 14.3	0.21 12.1	0.21 12.3	0.21 11.1	0.19 11.6													

Twin City Fan Company

Square Inline Centrifugal Supply Fan

Model

- ◆ Duct Mounted
- ◆ Direct Drive
- ◆ Electronically Commutated Motor

Items Included with Unit

- * 115/60/1 EC Motor
- * Pre-wired Disconnect Switch
- * Back draft Damper
- * Spring Isolator Kit

Available Accessories

- Grid Point EC Controller
- Module For Fan Balancing



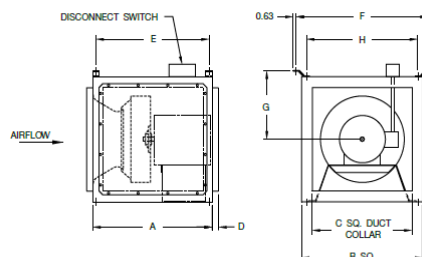
DSI
Direct Drive

Model DSI Square Inline fans are direct driven fans designed for inline applications. They feature a galvanized steel housing with integral duct collars and a centrifugal, backward-inclined aluminum wheel. (EC) electronically commutated motor, rated for continuous duty. Model DSI fans are UL-listed and licensed to bear the AMCA Certified Ratings Seals for air and sound performance.



Benefits

- Efficiencies up to 85%
- Constant efficiency as the motor speed is varied
- Up to 66% energy savings over traditional PSC motors
- Performance range comparable to a belt drive fan with reduced maintenance benefits of a direct drive fan
- 80% usable turndown range as compared with 40% maximum on PSC motors
- Soft start gives fans smooth, quiet start
- Lower operating temperatures result in longer life and reduces energy consumption
- Heavy-duty ball bearings are permanently lubricated
- Elimination of VFD results in lower initial cost



Model	A	B	C	D	Ship WT
090AE	19"	15.33"	11.88"	1"	96
100AE	20.5"	17.81"	13.88"	1"	106
120AE	25.50"	19.38"	15.88"	1"	127
135AE	23"	21.56"	17.88"	1"	132
165AE	26"	26.50"	22.88"	1"	167

*All dimensions shown above are in inches. All weights in pounds. Dimensions may change without notice; consult factory.

EC MOTOR		RPM	MAX BHP	STATIC PRESSURE (INCHES W.G.)											
SIZE	MTR HP			0	0.125	0.25	0.375	0.50	0.625	0.75	1.00	1.25	1.50	1.75	2.00
				CFM and SONE											
090AE	1/4	860	0.02	495 5.9	390 4.4										
		1160	0.05	668 9.8	592 8.2	510 7.9	401 6.4								
		1650	0.14	950 13.0	897 13.0	843 11.2	789 10.3	729 11.1	660 10.7	578 8.5					
		1750	0.17	1008 13.7	958 13.7	907 12.3	856 11.3	803 11.4	742 11.8	673 10.9					
100AE	1/2	860	0.04	787 7.8	666 6.0	520 6.2									
		1160	0.11	1061 13.3	973 12.1	882 10.0	780 10.9	651 9.0							
		1750	0.36	1601 17.8	1543 17.8	1484 17.6	1424 15.9	1365 14.7	1303 14.8	1236 15.6	1083 14.9	877 11.7			
120AE	3/4	860	0.07	1047 5.8	951 5.3	830 5.1	586 4.3								
		1160	0.18	1413 9.3	1344 9.3	1268 8.1	1183 7.7	1079 8.3	923 6.9						
		1750	0.63	2132 17.9	2087 17.9	2041 17.9	1993 17.7	1942 16.5	1889 15.5	1834 14.8	1709 15.6	1551 16.1	1288 14.2		
135AE	1	860	0.13	1437 7.1	1331 6.7	1208 5.9	1041 6.1								
		1160	0.31	1938 11.2	1862 11.2	1780 10.7	1691 9.4	1591 9.4	1471 10.0	1306 8.9					
		1750	1.07	2924 22	2875 22	2824 22	2771 22	2717 21	2660 20	2601 19.0	2476 18.3	2334 19.4	2161 19.6	1918 17.5	
165AE	1	860	0.33	2898 10.1	2683 9.9	2499 8.9	2323 9.2	2069 9.4	1773 8.2						
		1160	0.81	3909 16.5	3744 16.5	3592 15.6	3452 14.7	3327 14.2	3199 14.8	3044 15.7	2640 13.7	2152 13.5			

Motor is Electronically Commutated Motor. 1750 RPM EC/TEFC motors. 1160 RPM maximum.

1. Performance certified is for Installation Type B: Free inlet, ducted outlet.
2. Performance ratings do not include the effects of appurtenances (accessories).
3. The sound ratings shown are loudness values in fan sones at 1.5m (5 ft.) in a hemispherical free field calculated per AMCA International Standard 301.
4. Values shown are for Installation Type B: free inlet hemispherical sone levels.



Twin City Fan

Spun Aluminum Gravity Ventilator

Model GRV

◆ Roof Mounted

Model GRV Gravity Ventilator are intake/relief vents designed for use in both gravity and mechanical ventilation systems. They feature spun aluminum structural components bolted to a rigid aluminum support structure.



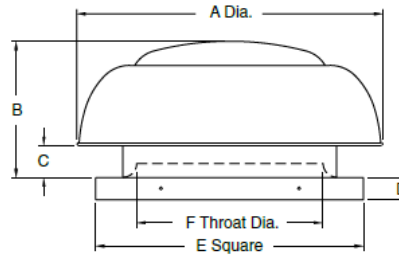
Model GRV

Items Included with Unit

Bird screen

Available Accessories

Roof Curb (RCG)



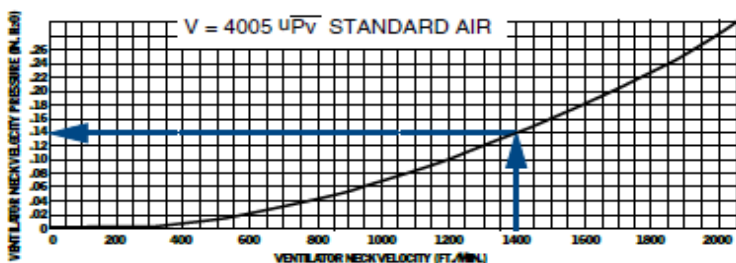
*All dimensions shown are in inches. All weights in pounds. Dimensions may change without notice; consult factory .

Size	A	B	C	D	F	E Sq.	Roof Open. Sq.	Ship. Wt.	Stock Curb Size
090B	22.50"	8.25"	1.50"	2"	9.00"	16.50"	12"	17 lbs	15"x15"
120B	27.50"	11.25"	2"	2"	12.13"	24"	19.50"	20"	22.50"x 22.50"
160B	27.50"	12.25"	3"	2"	16.25"	24"	19.50"	25"	22.50"x 22.50"

Relief Performance Data

Size	Throat Dia.(Sq. In.)	Neck Area (Sq. Ft)	Pressure Drop (in WG)							
			0.31	0.62	0.93	0.125	0.187	.250	.312	0.375
			CFM							
9	9"	.44	255	355	430	500	610	710	790	865
12	12.10"	0.80	460	650	785	910	1110	1290	1440	1575
16	16.25"	1.44	830	1165	1410	1640	2000	2320	2590	2835

Static Resistance of GRV Relief and/or Intake Ventilators



1. Divide CFM by ventilator neck area to find neck velocity.
2. Locate this neck velocity at bottom of chart. Read vertically upward to intersection of curve, then horizontally to left-hand margin. Read neck velocity pressure at this point.
3. To find system resistance, multiply neck velocity pressure by appropriate resistance factor of unit. (Resistance factor shown below.)

APPLICATION	RESISTANCE FACTOR
RELIEF	1.55
INTAKE	1.83

BROAN

High Capacity Ventilation Fan

Available Accessories
 Replacement Grilles
 Speed Control (57 and 72)
 Inline Adaptors

- ◆ Duct Horizontally or Vertically, or Inline with a Separate Adapter
- ◆ Impact Resistant Blower Wheel
- ◆ 120 V, Single Phase, 60 Hz Motor

- ◆ Standard Plug Disconnect
- ◆ Backdraft Damper
- ◆ Galvanized Steel Housing

Models:
L100E, L150E, L200E, L250E,



- ◆ 14" x 14" face size
- ◆ White plastic grille
- ◆ 8" duct for L100—L300

Models:
L400, L500, L700



- ◆ 23 1/4" x 14" face size
- ◆ White steel grille
- ◆ 18 1/2" x 4 1/2" duct

Catalog Number	Max Watts	RPM @ .125"	Max. Amps @60 Hz	0.00" SP		0.100" SP		0.125" SP		0.250" SP		0.375" SP		0.500" SP		0.625" SP		0.750" SP		0.875" SP		1.00" SP	
				CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones
L100E	87	640	1.1	136	0.5	115	0.8	109	0.9	93	1.3	80	1.8	65	2.3	44	3.0	12	3.2				
L150E	100	710	1.3	181	1.3	161	1.4	157	1.5	141	2.2	132	2.6	124	3.1	114	3.6	94	4.1	62	4.6		
L200E	127	740	1.8	231	1.6	214	1.8	210	1.7	196	2.3	186	2.9	177	3.5	165	4.1	144	4.9	113	5.3	51	5.3
L250E	166	830	2.1	272	2.1	261	2.3	259	2.2	250	2.9	242	3.3	233	3.9	218	4.4	201	4.8	165	5.5	99	5.8
L300E	212	905	2.6	312	2.8	309	2.9	308	2.9	303	3.3	296	3.5	287	3.9	273	4.3	254	4.7	219	5.1	125	5.6
L400	146	735	1.4	480	2.0	442	2.4	434	2.3	388	2.8	344	3.3	299	3.8	229	4.5	182	4.8	114	5.4	33	5.6
L500	232	810	2.2	538	3.0	520	3.1	514	3.3	491	3.6	463	4.0	434	4.4	389	5.0	339	5.7	282	6.2	186	6.7
L700	313	960	2.9	722	4.5	704	4.6	701	4.7	667	4.8	640	5.0	607	5.2	571	5.6	534	6.2	453	7.1	333	7.2

**Performance data with Inline Adapter*

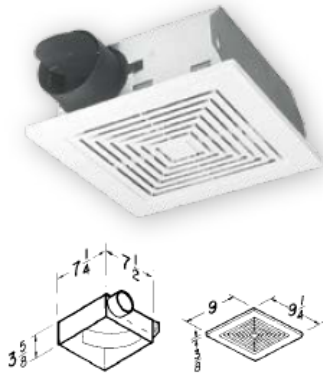
L100E	87	760	1.1	121	0.5	108	0.7	106	0.7	1.1	93	1.4	86	1.8	70	2.1	44	2.4	17	2.6		
L150E	100	920	1.3	153	0.9	148	1.0	147	1.1	1.4	134	1.6	125	1.9	111	2.1	91	2.2	54	2.4	18	2.6
L200E	127	865	1.8	205	1.7	196	1.9	195	1.9	2.1	185	2.3	175	2.4	158	3.0	135	3.3	96	3.4	47	3.4
L250E	166	1005	2.1	248	2.0	245	2.3	245	2.3	2.6	235	2.8	224	3.2	208	3.4	183	3.6	141	3.9	84	3.8
L300E	212	1145	2.6	300	2.9	294	3.0	293	3.1	3.3	274	3.4	259	3.5	243	3.6	214	3.7	168	4.0	113	3.9
L400	146	775	1.4	450	1.4	415	1.6	406	1.6	1.9	313	2.2	271	2.6	223	2.9	167	3.4	90	3.6	6.0	3.9
L500	232	890	2.2	546	2.4	526	2.4	519	3.4	3.7	472	3.9	447	3.8	407	3.9	364	4.0	306	4.3	232	4.3
L700	313	1090	2.9	704	3.6	686	3.8	681	3.7	3.9	631	4.0	604	4.2	575	4.3	533	4.4	480	4.7	412	5.0

BROAN

Ceiling/Wall Ventilation Fan

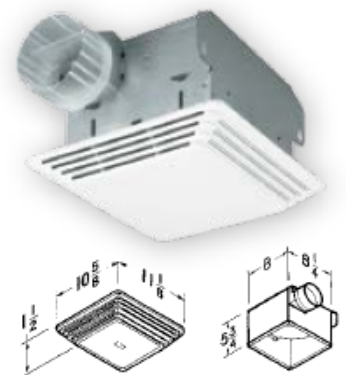
671 and 688

- ◆ Powerful centrifugal blower wheel
- ◆ Compact galvanized steel housing
- ◆ White polymeric face grille
- ◆ Wall or ceiling mount



A110

- ◆ Centrifugal blower wheel and 4-pole motor deliver high exhaust capacity at low sound levels
- ◆ Galvanized steel housing
- ◆ White polymeric face grille
- ◆ Ceiling mount



Model	Volts	Amps	Sones	CFM	Duct Size
688	120	0.9	4.0	50	3
671	120	1.15	6.0	70	3
A110	120	1.3	4.0	110	4

BROAN

Speed Controls

Models **SC100W**, **72**, **80L**

- ◆ White
- ◆ Model SC100W: 6 Amps
- ◆ Model 72: 6 Amps
- ◆ Model 80L : 3 Amps

SC100W



72



80L



BROAN

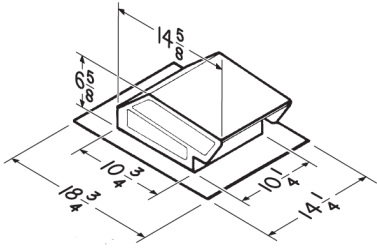
White Replacement Grilles

Model	Fan	Manufacturer
97011723	688, 671	Broan
97009347	A110	Broan

BROAN

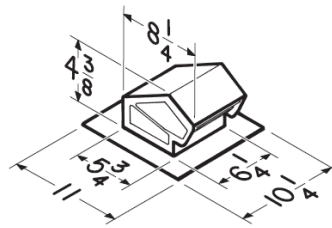
Roof Cap

Model 634



- ◆ 24 gauge CRCQ steel, black electrically-bonded epoxy finish
- ◆ Built-in backdraft damper and bird screen
- ◆ For 3 1/4" x 10" or up to 8" round duct

Model 636



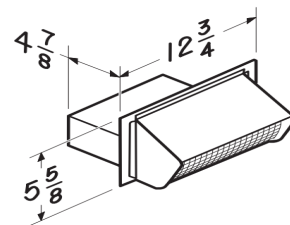
- ◆ 24 gauge CRCQ steel, black electrically-bonded epoxy finish
- ◆ Built-in backdraft damper and bird screen
- ◆ For 3" or 4" round duct

BROAN

Wall Vent

Model 639

- ◆ For 3 1/4" x 10" Duct
- ◆ Spring-Loaded Backdraft Damper
- ◆ Built-in Bird screen
- ◆ 24 Gauge CRCQ Steel, Black Electrically-Bonded Epoxy Finish



Specs and dimensions are subject to change without notice

LINX

Single Wall Spiral Pipe

- ◆ Gauge and Construction for Applications up to 10" W.G. of Positive Pressure
- ◆ Union Made

Pipe Dimension	Gauge of Metal		Construction		Duct/Duct Connection	Duct/Fitting Connection
	Spiral Pipe	Fittings	Spiral Pipe	Fittings		
3 - 14	26	24	Spiral Lockseam	Lap/Spot Seal	4" Coupling	2" Slip-Fit Collar
16 - 18	24	22	Spiral Lockseam	Lap/Spot Seal	4" Coupling	2" Slip-Fit Collar

Model	Description	Size							
SRNCI	Pipe—sold per 10' piece	04	06	08	10	12	14	16	18
NP	Duct Coupling	04	06	08	10	12	14	16	18
ES	End Cap	04	06	08	10	12	14	16	18
BS90	Die Stamped 90°	04	06	08	10	12			
BS45	Die Stamped 45°	04	06	08	10	12			
BSF90	Gored 90°						14	16	18
BSF45	Gored 45°						14	16	18
RC	Reducer		6 to 4	8 to 6	10 to 8	12 to 10	14 to 12	16 to 14	18 to 16

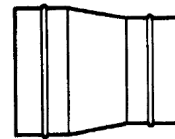
**Straight Lengths
SRNCI**



**Duct Coupling
NP**



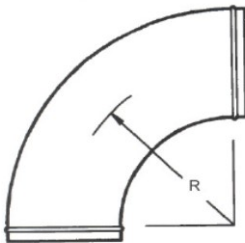
**Reducer
RC**



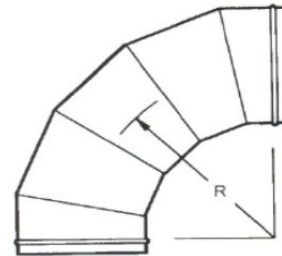
**End Cap
ES**



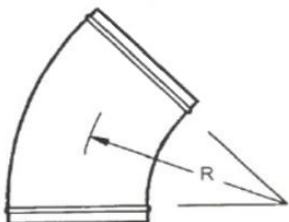
**90° Die Stamped Elbow—Long Radius
BS90**



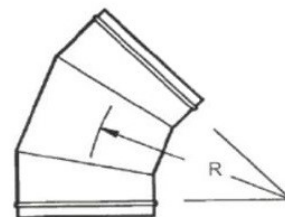
**90° Gored Elbow
BSF90**



**45° Die Stamped Elbow—Long Radius
BS45**



**45° Gored Elbow
BSF45**



AMERICAN METAL PRODUCTS

AmeriVent®

Double Wall Type B Gas Vent Pipe

- ◆ UL Listed
- ◆ Corrosion-resistant Galvanized Steel and Aluminum Double Wall Construction
- ◆ Snap-lock Coupling Ends
- ◆ Lightweight
- ◆ Flashing Fits 0/12 to 5/12 Pitch Roof

Specs and dimensions are subject to change without notice

	4"	5"	6"	7"	8"	9"	10"	12"	14"
6"L Pipe									
12"L Pipe	04E12	05E12	06E12		08R12	09R12	10R12	12R12	14R12
18"L Pipe	04E18	05E18	06E18		08R18	09R18	10R18	12R18	
24"L Pipe	04E24	05E24	06E24	*07R24	08R24	09R24	10R24	12R24	14R24
3'L Pipe	04E3	05E3	06E3		08R3	09R3	10R3	12R3	14R3
4'L Pipe	04E4	05E4	06E4	*07R4					
5'L Pipe	04E5	05E5	06E5		08R5				
12"L Adj. Pipe	04E12A	05E12A	06E12A		08R12A				
18"L Adj. Pipe						09R18A	10R18A	12R18A	14R18A
90° Adj. Elbow	04EAL	05EAL	06EAL	*07RAL	08RAL				
45° Adj. Elbow	04E45	05E45	06E45	*07R45	08R45	09R45	10R45	12R45	14R45
Tee	04ET	05ET	06ET		08RT	09RT*	10RT	12RT	*14RT
Rain Cap	04EC	05EC	06EC	*07RC	08RC	09RC	10RC	12RC	14RC
Draft Hood Conn.	04EDC	05EDC	06EDC	*07RDC	08RDC	09RDC*	10RDC	12RDC	
Vent Collar	04EVC	05EVC	06EVC	*07RVC	08RVC	09RVC	10RVC	12RVC	
Storm Collar	04ESC	05ESC	06ESC	*07RSC	08RSC	09RSC	10RSC	12RSC	14RSC
Flashing	04EF	05EF	06EF	*07RF	08RF	09RF	10RF	12RF	14RF
Pipe Hanger	04VPH	05VPH	06VPH	*07VPH					



Pipe



Adj. Pipe



Tee

Tee Cap



Adjustable Elbow



Storm Collar

Flashing



Rain Cap

Pipe Hanger



Vent Collar



Draft Hood Conn.

** Size to be discontinued.
See sales associate for special pricing.*

INCREASER	4"	5"	6"	7"	8"	9"	10"	12"
5"	05X4EI							
6"	06X4EI	06X5EI						
7"	*07X5EI		*07X6EI					
8"	08X4RI	08X5RI	08X6RI	*08X7RI				
9"	*09X8RI							
10"			10X6RI	*10X7RI	10X8RI	10X9RI		
12"					12X8RI	12X10RI		
14"					*14X8RI	14X10RI		14X12RI



Increaser

Product Application Guide			
Description:	Type "B" Gas Vent	Outside Diameter:	3" to 6" * 7" to 24" **
Application:	Listed gas appliance with a draft hood, or listed for Type "B" gas vent.	Insulation:	¼" air 3" to 6"
Fuel Types:	Natural or LP gas	Clearance to Combustibles:	1" (unenclosed chimney)
Exhaust Pressure:	Neutral or negative		
Exhaust Temperature: continuous/intermittent	400° Maximum	Clearance to Noncombustible:	½" or distances required to allow for proper installation and maintenance.
Diameter:	3" to 24"	Accepted by:	AGA, NFPA, HUD, NBC, UBC
Materials:	Inner: .012" aluminum 3" to 6" .014" aluminum 7" to 18" .018" aluminum 20" to 30" Outer: 26 ga galvanized Steel 3" to 24"	Listed By	Underwriters Laboratories, Inc.

*½" larger than listed size.

**1" larger than listed size.

* Size to be discontinued.

See sales associate for special pricing.

Specs and dimensions are subject to change without notice

Van-Packer

Chimney & Venting Products

Flangeless Outlet Adapter:

Pats: D10FOAB & D12FOAB

Use on appliance collars without a flange. Part includes: one (1) flangeless outlet adapter, and two (2) vee band halves.



Straight Section :

Parts: D1018, D12STRC18, D10STR42, D12STR42

Straight Section features flanges for ease of installation in both vertical and horizontal runs. Part includes: one (1) 18" or 42" long section, two (2) vee band halves, and one (1) draw band.



Variable Length Section:

Parts: D10VLSC & D12VLSC

Use the Variable Length Section for custom length sections. Part includes : One (1) locking collar, two (2) vee bands halves, slip liner, and cover band. Length ranges from 4 1/2 to 19 1/2.

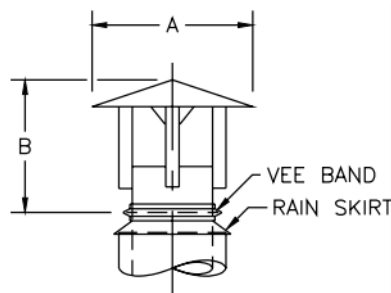


Double Cone Rain Cap:

Parts: D10RCS & D12RCS

The Double Cone Rain Cap is for vertical terminations. Part includes: one (1) double cone rain cap, two (2) vee band halves and one (1) rain skirt.

Section ID	A	B
10	20	14 1/4
12	24	16 7/16



Van-Packer

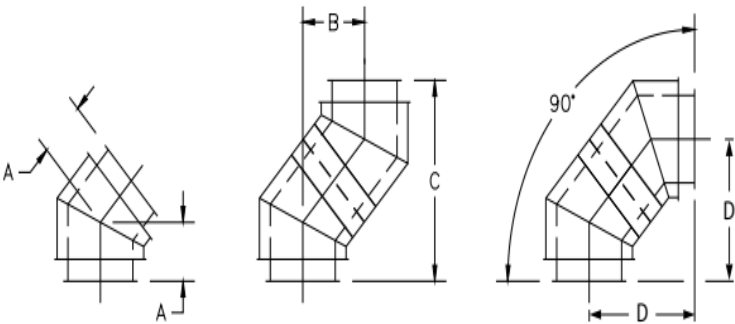
45 Degree Elbow:

Parts: D1045E & D1245E

Part includes: one (1) 45 degree elbow, two (2) vee-band halves, and one (1) draw band.



ID	A	B	C	D
10	4 7/8	6 7/8	16 9/16	11 3/4
12	5 1/4	7 7/16	18	12 3/4



Specs and dimensions are subject to change without notice

Silicone Sealant:

Part: 101087A

Van-Packer’s UL approved sealants shall be used on all joints. Proper joint assembly is essential. Follow the assembly instructions exactly as written. It is required to check the joints and seams for gas tightness when using the venting system with a Category III or IV appliance.

MITEK
Snap-Lock Pipe

Standard Gauges

- ◆ 3" to 12" diameter—30 gauge
- ◆ 14" to 18" diameter—28 gauge
- ◆ 20" + diameter—26 gauge

Straight Lengths—Model 100

5' LENGTHS										3' LENGTHS		
03	04	05	06	07	08	09	10	12	14	16	18	20



Adjustable 90° Elbow—Model 125

DIAMETER												
03	04	05	06	07	08	09	10	12	14	16	18	20



Tapered Round to Round Adapter—Model 400

DIAMETER X DIAMETER											
04 x 03	05 x 04	06 x 04 06 x 05	07 x 06	08 x 06 08 x 07	09 x 08	10 x 06 10 x 08 10 x 09	12 x 06 12 x 08 12 x 10	14 x 08 14 x 10 14 x 12	16 x 10 16 x 14	18 x 16	



Transition Boot—Model 201V

DUCT SIZE	DIMENSIONS
06	10"W x 3 1/4"H x 6" round
10	4 1/2"W x 18 1/2"H x 10" round

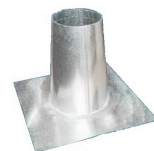


- ◆ Galvanized steel construction

Single Wall Flashing—Model J4

DIAMETER					
04	06	08	10	12	14

- ◆ For flat roof



Banded Cap Gravity Ventilator—Model BC

DIAMETER					
04	06	08	10	12	14



Vent Cap—Model VC

DIAMETER				
04	06	08	10	12



Specs and dimensions are subject to change without notice

** Size to be discontinued.
See sales associate for special pricing.*

Wye Connectors—Model Y

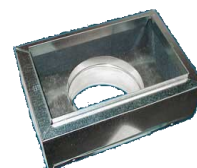
TRUNK DIAMETER x BRANCH DIAMETERS			
04 x 04 x 04	06 x 04 x 04 06 x 06 x 06	07 x 06 x 06	08 x 06 x 06 08 x 08 x 06 08 x 08 x 08



TRUNK DIAMETER x BRANCH DIAMETERS				
10 x 08 x 06	12 x 08 x 08	14 x 10 x 10	16 x 14 x 14	18 x 16 x 16
10 x 08 x 08	12 x 10 x 08	14 x 12 x 10		
10 x 10 x 08	12 x 10 x 10	14 x 12 x 12		
10 x 10 x 10				

R-6 Insulated Grille Box—Model IB6

LENGTH x WIDTH x COLLAR						
06 x 06 x 05	08 x 04 x 04	08 x 06 x 06	08 x 08 x 06	10 x 06 x 06	10 x 08 x 06	10 x 10 x 06
06 x 06 x 06	08 x 04 x 05	08 x 04 x 06	08 x 08 x 08	10 x 06 x 08	10 x 08 x 08	10 x 10 x 08
	08 x 04 x 06					10 x 10 x 10



LENGTH x WIDTH x COLLAR					
12 x 06 x 06	12 x 08 x 08	12 x 12 x 08	*14 x 06 x 08	14 x 08 x 08	16 x 06 x 09
*12 x 06 x 07		12 x 12 x 10		14 x 08 x 09	
12 x 06 x 08		12 x 12 x 12			

- ♦ 4" tall without tabs
- ♦ 1 1/2" R-6 duct liner

Wall Vent—Model WV

DIAMETER				
03	04	06	08	10



- ♦ 3" to 6": Aluminum construction
- ♦ 8" to 10": Galvanized steel construction
- ♦ Bird screen available on 8" and 10"
- ♦ Damper included

* Size to be discontinued.

See sales associate for special pricing.

Specs and dimensions are subject to change without notice

DACE MANUFACTURING

Adapters, Extension Collars, and Duct board Collars

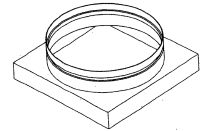
Round to Round Adapters: 2" Deep with 2" Collar— Model 265

DIAMETER X DIAMETER				
06 x 04	08 x 06	10 x 06	12 x 10	14 x 12
06 x 05	08 x 07	10 x 08		
		10 x 09		



Square to Round Adapters: 2" Deep with 2" Collar—Model SR2

INLET						
08	10	12	14	16	18	20

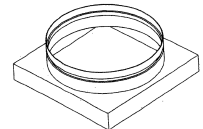


♦ 22" x 22" base

Square to Round Adapters: 4" Deep with 2" Collar—Model SR4

LENGTH x WIDTH x COLLAR				
06 x 06 x 06	08 x 08 x 06	09 x 09 x 06	10 x 10 x 06	12 x 12 x 08
	08 x 08 x 08	09 x 09 x 08	10 x 10 x 08	12 x 12 x 10
		09 x 09 x 09	10 x 10 x 10	12 x 12 x 12

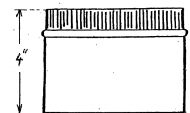
LENGTH x WIDTH x COLLAR				
14 x 14 x 10	15 x 15 x 10	18 x 18 x 08	20 x 20 x 14	22 x 10 x 06
14 x 14 x 12	15 x 15 x 12	18 x 18 x 10	20 x 20 x 16	22 x 10 x 08
14 x 14 x 14	15 x 15 x 14	18 x 18 x 12	20 x 20 x 18	22 x 10 x 10
		18 x 18 x 14		
		18 x 18 x 16		



* Size to be discontinued.
See sales associate for available discounts.

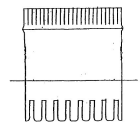
Extension Collars: 4" Deep—Model EXT

DIAMETER					
06	08	10	12	14	16



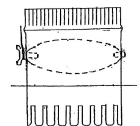
Ductboard/Dovetail Collar - Model 100B

DIAMETER								
06	08	09	10	12	14	16	18	20



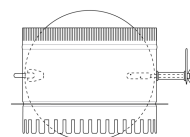
Ductboard Collar with Damper - Model 100BD

DIAMETER										
05	06	07	08	09	10	12	14	16	18	20



Ductboard Collar with Damper and Build-out - Model DBSCS

DIAMETER				
06	08	10	12	14



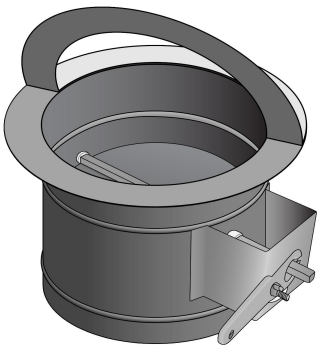
DACE MANUFACTURING

Stick-On Collars

◆ 26/24 Standard Gauge Galvanized Steel

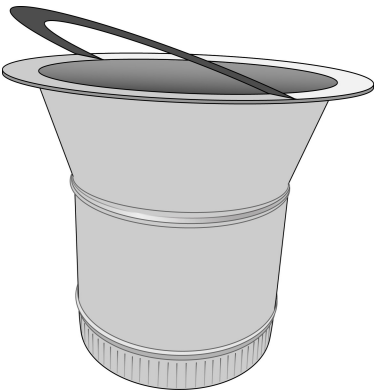
Model FTD3- Stick-On Flange Collar with 2” Build-Out and Gasket

DIAMETER					
06	08	10	12	14	16



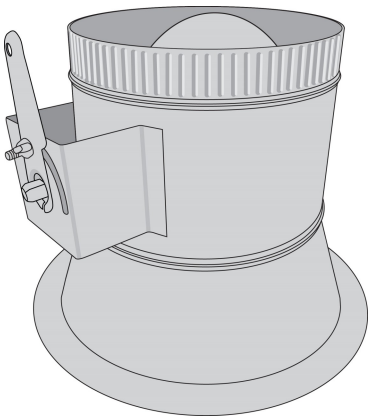
Model CBFG- Conical Stick-On Flange Collar with Gasket

DIAMETER				
06	08	10	12	14



Model CBFGD3-Conical Stick-On Flange Collar with 2” Build-out and Gasket

DIAMETER				
06	08	10	12	14



PEPPERTREE AIR SOLUTIONS

Sheet Metal Fittings

- ◆ 26/24 Standard Gauge Galvanized Steel
- ◆ 24/22 Gauge Galvanized Steel for Conical Collars
- ◆ Union Made

MODEL	DIAMETER							
CS		06	08	10	12	14	16	18
CSD3		06	08	10	12	14		
SOC		06	08	10	12	14	16	
SOCD	04	06	08	10	12	14	16	18
SOCD1		06	08	10	12	14	16	18
SOCD3		06	08	10	12	14	16	
SLD3		06	08	10	12	14		

Conical Spin-In Collars

Model CS

- ◆ 7.5" overall body length
- ◆ 1" expanded radius



Model CSD3

- ◆ 10" overall body length
- ◆ 1" expanded radius
- ◆ 2" build-out
- ◆ 3/8" square rod, U bolt, nylon bushing, and locking quadrant



Spin-In Collars

Model SOC

- ◆ Spin-in collar without damper

Model SOCD

- ◆ With damper



Model SOCD1

- ◆ With damper
- ◆ 2" build-out, shaft extender, cover, and handle



Model SOCD3

- ◆ With damper
- ◆ 2" build-out
- ◆ 3/8" square rod, U bolt, nylon bushing, and locking quadrant

Connecting Collars

Model SLD3

- ◆ With damper
- ◆ 2" build-out, shaft extender, cover, and handle
- ◆ 3/8" square rod, U bolt, and nylon bushing



Specs and dimensions are subject to change without notice

PEPPERTREE AIR SOLUTIONS

Flexible Duct

Non-Insulated - Model D

DIAMETER					
04	06	08	10	12	14

- ◆ High pressure rated vinyl-coated fiberglass cloth
- ◆ 20" WC positive pressure

High Pressure R-6 Insulated - Model CM

DIAMETER					
06	08	10	12	14	16

- ◆ High pressure rated with a reinforced trilaminate core
- ◆ Reinforced metalized vapor barrier
- ◆ 20" WC positive pressure

Acoustic R-6 Insulated - Model HM

DIAMETER						
06	08	10	12	14	16	18

- ◆ Medium pressure rated with a spirally wound CPE core
- ◆ Reinforced metalized vapor barrier
- ◆ Acoustic rated
- ◆ 6" WC positive pressure



ATCO

Flexible Duct

- ◆ UL-181 Class 1 Air Ducts (only Models 036 and 031)

R-6 Insulation - Model 036

DIAMETER											
04	05	06	07	08	09	10	12	14	16	18	20

- ◆ Tri-directional fiberglass scrim reinforced, metalized polyester outer jacket around insulated core
- ◆ 6" W.G. positive pressure for 4" - 12" diameters and 4" W.G. positive pressure for 14" - 20" diameters
- ◆ 25' lengths



R-8 Insulation - Model 031

DIAMETER							
06	07	08	09	10	12	14	16

- ◆ Tri-directional fiberglass scrim reinforced, metalized polyester outer jacket around insulated core
- ◆ 6" W.G. positive pressure for 4" - 12" diameters and 4" W.G. positive pressure for 14" - 20" diameters
- ◆ 25' lengths

Non-insulated - Model 020

DIAMETER							
03	04	05	06	08	10	12	14

- ◆ Corrugated aluminum
- ◆ 6" W.G. positive pressure
- ◆ 8' lengths

** Size to be discontinued.
See sales associate for special pricing.*

Specs and dimensions are subject to change without notice

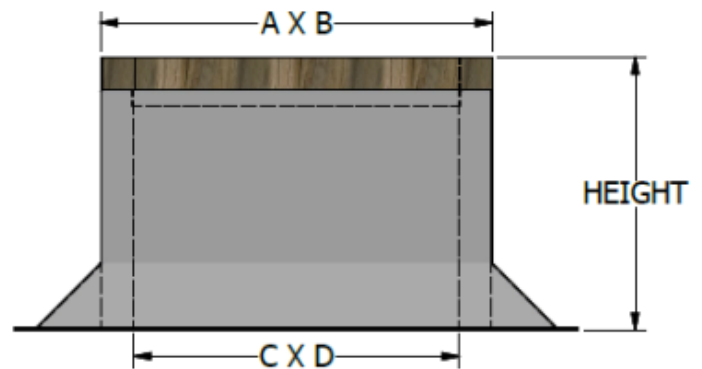
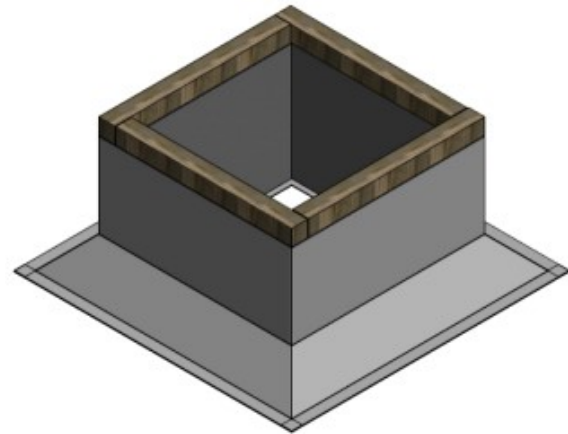


Roof Curbs

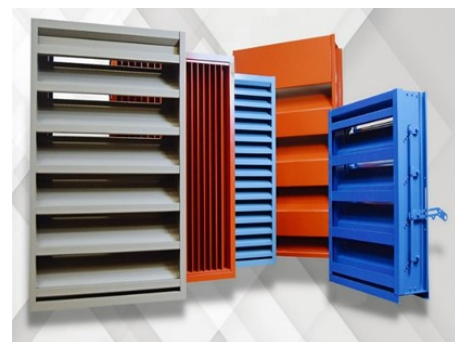
- ◆ 18 Gauge Steel Construction with 1 ½", 3lbs Insulation
- ◆ 3" Cant Strip
- ◆ Damper Tray
- ◆ 1 ½" Wood Nailer
- ◆ Continuously Welded Corners, Prepared and Coated with Corrosion Inhibiting Compound

AXB	DAMPER TRAY SQ.	HEIGHT	CXD
15"	10"	14	12
15.5"	10"	14	12
18.5"	11.75"	14	15 1/4
22.5"	15.75"	14	19 1/4

Specs and dimensions are subject to change without notice



POTTORFF



Need Life Safety Dampers or Louvers QUICK?

Call Lashley & Associates!

JL INDUSTRIES

Access Doors

Available Accessories

LOCKJL Cylinder Lock

KEY Spare Key for Lock

Fire-rated - Model FD

DOOR SIZE (WIDTH x HEIGHT)							
08 x 08	12 x 12	16 x 16	18 x 18	24 x 24	24 x 36	30 x 30	36 x 36

- ♦ 2-hr fire rated-for walls and ceilings
- ♦ Frame is 16 gauge steel, 1" flange
- ♦ Flush door is 20 gauge steel, 2" thick with continuous hinge
- ♦ Universal turn ring and key lock
- ♦ For wall and ceiling opening $\frac{5}{8}$ " larger than door size
- ♦ White powder coat finish



General Purpose, Screwdriver Cam Latch - Model TM

DOOR SIZE (WIDTH X HEIGHT)										
06 x 06	08 x 08	10 x 10	12 x 12	14x14	16 x 16	18 x 18	20 x 24	24 x 24	30 x 30	36 x 36
			12 x 16		16 x 20			24 x 36		
			12 x 18					24 x 48		

Cylinder Lock - Model TML

DOOR SIZE (WIDTH X HEIGHT)		
12 x 12	24 x 24	24 x 36



Stainless Steel - Model TMS

DOOR SIZE
12 x 12

- ♦ For use with masonry, tile, wallboard, etc
- ♦ Frame is 16 gauge steel, 1" flange
- ♦ Flood door is 16 gauge steel with 90° continuous, concealed hinge
- ♦ For opening $\frac{5}{8}$ " larger than door size
- ♦ White powder coat finish

Specs and dimensions are subject to change without notice

JL INDUSTRIES

Access Doors

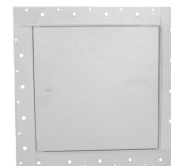
Available Accessories

LOCKJL Cylinder Lock

KEY Spare Key for Lock

Concealed Drywall for Walls and Ceilings - Model TMW

MODEL SIZE				
10 x 10	14 x 14	18 x 18	22 x 22	24 x 24



- ♦ For concealed appearance with wallboard
- ♦ Frame is 16 gauge steel with 1" drywall bead
- ♦ Flush door is 16 gauge steel with continuous, concealed hinge
- ♦ Flush screwdriver-operated steel cam
- ♦ For opening $\frac{5}{8}$ " larger than door size
- ♦ White powder coat finish

Concealed Plaster for Walls and Ceilings - Model TMP

DOOR SIZE
24 X 24



- ♦ For concealed appearance with plaster
- ♦ Frame is 16 gauge steel with 1 $\frac{5}{8}$ " plaster guard
- ♦ Flush door is 16 gauge steel with a continuous, concealed hinge
- ♦ Flush screwdriver-operated steel cam
- ♦ For opening $\frac{5}{8}$ " larger than door size
- ♦ White powder coat finish

DACE MANUFACTURING

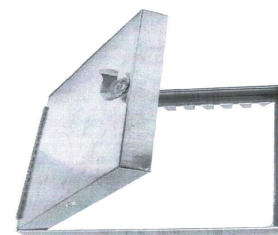
Duct Access Doors for Sheet Metal

These insulated duct access doors are used to provide economical access to the areas required.
They can be installed quickly and easily

Model ADC and ADH

DOOR SIZE									
ADC (CAM LOCKS)	06 x 06	08 x 08	10 x 10	12 x 12	14 x 14	16 x 16	18 x 18	20 x 20	24 x 24
ADH (HINGED)	06 x 06	08 x 08	10 x 10	12 x 12	14 x 14	16 x 16	18 x 18	20 x 20	24 x 24

- ♦ 28/26 Gauge Galvanized Steel Door
- ♦ 24 Gauge Die-Formed Galvanized Steel Frame
- ♦ Polyethylene Gaskets
- ♦ $\frac{5}{8}$ " Machine Notched Tabs
- ♦ Plated Steel Cam Locks
- ♦ R-6 Insulation
- ♦ $\frac{1}{4}$ " Hemmed Edge

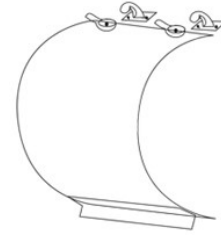


Specs and dimensions are subject to change without notice

POTTORFF INDUSTRIES

Round Duct Access Door

- ◆ 20 Gauge Galvanized Steel Door Panel with Continuous Zinc Plated Steel Hinge
- ◆ Plated Steel Latches and Neoprene Gasket
- ◆ Door Panel: 12 x 10
- ◆ Duct Opening: 10 x 08



Model RAD duct access doors employ a roll formed door panel to provide access to ductwork utilized in low to medium pressure and velocity applications.

Model RAD

DUCT SIZE				
06	08	10	12	14

POTTORFF INDUSTRIES

Grease or High Temperature Duct Access Door

- ◆ 22 Gauge Galvanized Steel Door Panel with 16 Gauge Stamped Black Iron Backing Plate
- ◆ Ceramic Fiber Gasket, Duct to Duct
- ◆ 2300°F Max Temperature
- ◆ Zinc Coated Wing Nuts



Model DMHT access doors employ a full removable dual-panel door to provide access to ductwork utilized in low, medium, and high pressure and velocity applications exposed to high temperatures.

Model DMHT

WIDTH x HEIGHT	
10 x 06	12 x 08

DURO DYNE

Round Insulated Access Door

- ◆ 20 Gauge Galvanized Steel
- ◆ Up to 20 W.G. Positive Pressure
- ◆ High Impact Plastic Knobs
- ◆ Closed Cell Neoprene Gasket



MODEL NUMBER	DURO DYNE PART #	DOOR SIZE	MIN. DUCT SIZE	MAX. DUCT SIZE
MRADI4811	21137	04 x 08	08	11
MRADI81214	21144	08 x 12	12	14
MRADI121618	21151	12 x 16	16	18

Specs and dimensions are subject to change without notice

POTTORFF INDUSTRIES

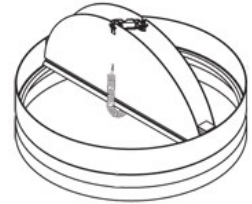
Ceiling Radiation Dampers

- ◆ 165°F Fusible Link
- ◆ Radiation Dampers: UL-555C Listed
- ◆ Fire Dampers: UL-555 Listed

Round Radiation Damper - Model CFDR

DIAMETER				
06	08	10	12	14

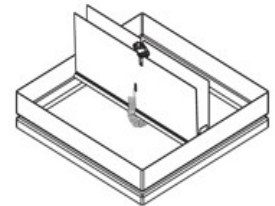
- ◆ 22 gauge galvanized butterfly blade
- ◆ For horizontal installation behind ceiling grilles in 3 hour rated assemblies



Square Radiation Damper - Model CFD

WIDTH x HEIGHT							
06 x 06	08 x 08	10 x 10	12 x 12	15 x 15	18 x 18	22 x 22	24 x 24

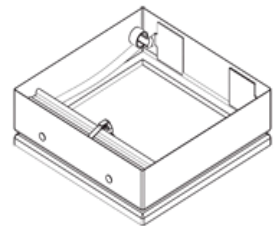
- ◆ 22 gauge galvanized butterfly blade
- ◆ For horizontal installation behind ceiling grilles in 3 hour rated assemblies
- ◆ Sheetrock on blades for sizes 12" and larger



Square Radiation Damper - Model CFD410A

WIDTH x HEIGHT			
18 x 18	20 x 20	22 x 22	24 x 24

- ◆ Folded ceramic curtain style blade
- ◆ For horizontal installation behind ceiling grilles in 3 hour rated assemblies

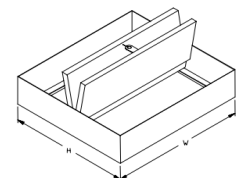


SAFE AIR

Radiation Damper

Model CFD420

- ◆ 22 gauge galvanized steel construction
- ◆ Ceramic blanket on blades
- ◆ 165°F fusible link
- ◆ Fits in 24x24 grille necks
- ◆ UL-555C Listed for 3 hour rated grilles assemblies



Specs and dimensions are subject to change without notice

POTTORFF INDUSTRIES

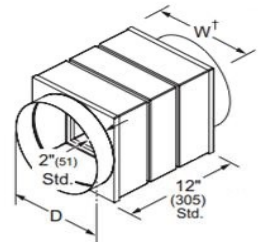
Fire Dampers

- ◆ 165°F Fusible Link
- ◆ Fire Dampers: UL-555 Listed

Round Connection Static Fire Damper, Type A - Model VFDS

DIAMETER				
06	08	10	12	14

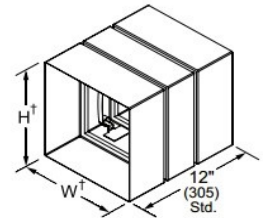
- ◆ 24 gauge curtain style blade and a 20 gauge 12" sleeve
- ◆ For 2 hour rated vertical installation in walls and horizontal installation in floors/ceilings
- ◆ Includes (2) 1 1/2" x 1 1/2" picture frame angles



Square Connection Static Fire Damper, Type A - Model VFDS

WIDTH x HEIGHT									
06 x 06	08 x 08	10 x 10	12 x 12	14 x 12	14 x 14	16 x 12	18 x 12	24 x 12	24 x 24

- ◆ 24 gauge curtain style blade and a 20 gauge 12" sleeve
- ◆ For 2 hour rated vertical installation in walls and horizontal installation in floors/ceilings
- ◆ Includes (2) 1 1/2" x 1 1/2" picture frame angles



ELSIE MANUFACTURING

UL Listed 165°F Fusible Links

Models **FLS39** and **FLS2165**

MODEL	LENGTH
FLS39	1.5"
FLS2165	2.625"

- ◆ Hooks Included



Access Door Inspection Label

Models **LABEL** and **LABELFD**

- ◆ Model LABEL: Red Letters on White Background, 5" x 5"
- ◆ Model LABELFD: White Letters on Red Background, 4" x 1 1/4"

- ◆ 100 per Roll
- ◆ Also Sold individually

FIRE DAMPER

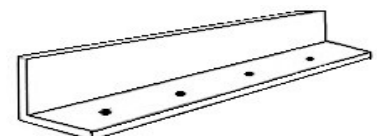


POTTORFF INDUSTRIES

Angle Iron

Model **AI**

- ◆ 16 Gauge Steel
- ◆ Pre-punched Holes
- ◆ 10' Length
- ◆ 1 1/2" x 1 1/2"



Specs and dimensions are subject to change without notice

METALAIRE

Dampers

Motorized Round Damper - Model QORD

DIAMETER	08	10	12	14
LENGTH	09	11	14	14

- ♦ Durable galvanized steel construction
- ♦ Power open/power close, 24V
- ♦ Single blade design allows for maximum air control



24V Spring Return Damper - Model RZRD

DIAMETER				
06	08	10	12	14

- ♦ Durable galvanized steel construction
- ♦ Shipped spring open
- ♦ Motor can be removed and reinstalled for spring closed operation
- ♦ Mid-torque spring return motor
- ♦ Gasketing included



thermaduct[®]
HIGH EFFICIENCY AIR DISTRIBUTION

Patented rectangular exterior ducting solution that offers high R-values and low air leakage. It provides the duct, the insulation and cladding all in one high performance product and offers extremely low air leakage. All these benefits are protected by a strong, UV stable 1000 micron vinyl cladding and built to meet or exceed the SMACNA Phenolic Duct Standards.

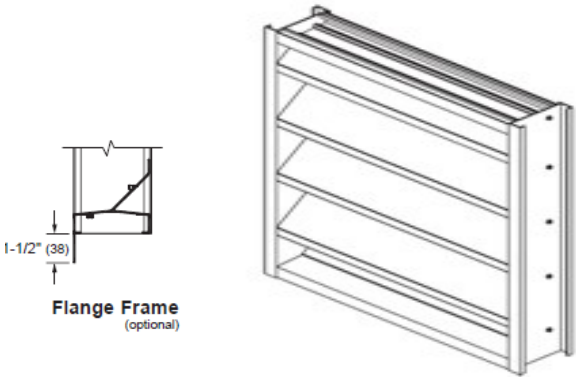
Call Lashey & Associates to discuss how Thermaduct can help on your project.



POTTORFF INDUSTRIES

Extruded Aluminum Louver

- ◆ Aluminum Construction
- ◆ 4" Deep Frame, J-style Blades at 45°, with Bird screen
- ◆ 1 ½" Flange Frame
- ◆ Approximately ½" Undersized
- ◆ Mill Finish
- ◆ AMCA Certified for Air Performance and Water Penetration Ratings



Model EFJ445

SIZE			
12 x 12	18 x 18	24 x 12	24 x 24

MAX CFM	12 x 12	18 x 18	24 X 12	24 X 24
INTAKE	200	580	460	1150
EXHASUT	370	1055	840	2085

POTTORFF INDUSTRIES

Backdraft Dampers

- ◆ Gravity Operated Formed Style Blades
- ◆ Vertical or Horizontal Mount
- ◆ Extruded Aluminum Channel Frame
- ◆ Mill Finish
- ◆ Approximately ¼" Undersized
- ◆ Exhaust or Intake Applications
- ◆ Rated up to 1250 FPM

Model BD50

SIZE	
12 x 12	24 x 24



Specs and dimensions are subject to change without notice

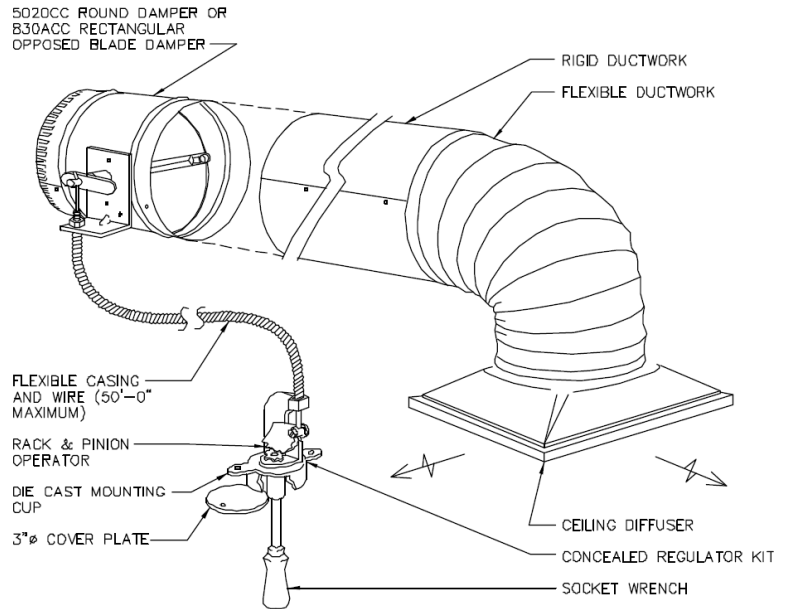
YOUNG REGULATOR

Bowden Cable Control System

MODEL	DESCRIPTION
BCW	50' Bowden Cable Wire
BC03012	Bowden Control Wrench

Balancing dampers located in inaccessible spaces are easily controlled with the Young Regulator Bowden Remote Cable Assemblies. Access is concealed in the ceiling, inside plenums, or moved to a convenient area such as a nearby mechanical room or above a lay in ceiling.

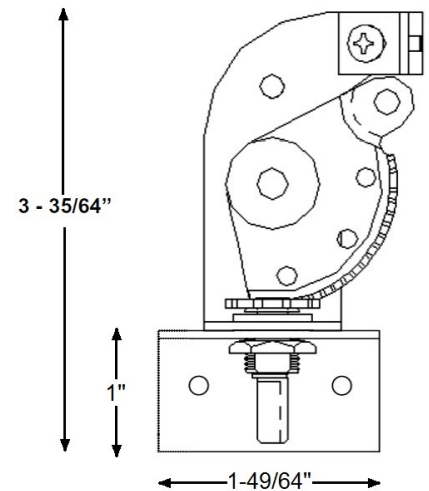
The BCW cable runs from a steel rack and pinion locking controller to a damper where the rotary motion of the rack and pinion controller is converted to a push-pull motion with a lever arm.



Model BC27027538

- Used to control dampers from a variety of places, such as the diffuser frame, inside a plenum, and through the face of a floor grille
- Control kit can be used with internally or externally controlled round or rectangular dampers

Construction	
Bowden Cable	.054" stainless steel control wire encapsulated in 1/16" flexible galvanized spiral wire sheath
Control Kit	14 gauge galvanized steel rack and pinion gear drive
Gear Drive Torque	Capable of delivering 35 in. lbs of push/pull torque
Control Shaft	D-style flatted 1/4" diameter with 265° rotation provided 1 1/2" linear travel capability
Control Kit Mounting Bracket	18 gauge galvanized steel
Dampers by others	For dampers with 1/2" round or 3/8" square damper shaft



* Product to be discontinued.
See sales associate for special pricing.

Couplings



MODEL	DESCRIPTION
607LASH	For 1/2" Round Rod
617LASH	For 3/8" Square Rod

301 Concealed Ceiling Regulators



For 3/8" rods

MODEL	DESCRIPTION
301CH	Chrome Cover
301PL	Primer Cover

315 Regulators for Thick Ceilings to 1 1/8"



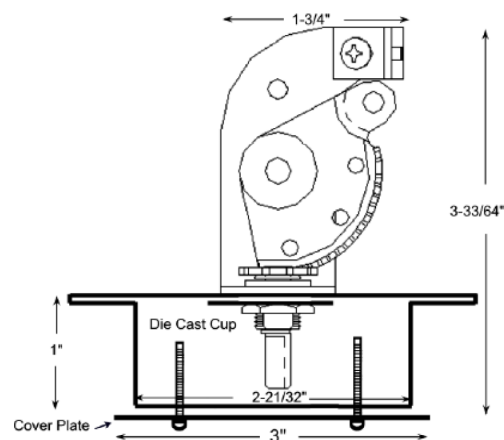
For 3/8" rods

MODEL	DESCRIPTION
315CH	Chrome Cover
315PL	Primer Cover

Model BC27030138 - Concealed Ceiling Regulator with Cup and 3" Cover Plate

- Control kit is designed to be imbedded in a sheetrock or gypsum board ceiling so that the unit is flush with the finish surface
- Removable cover plate allows access to the controller

Construction	
Bowden Cable	.054" stainless steel control wire encapsulated in $\frac{1}{16}$ " flexible galvanized spiral wire sheath
Control Kit Housing and Cover Plate	2 $\frac{5}{8}$ " diameter die cast aluminum cup with 3" diameter zinc plated cover
Control Kit	14 gauge steel rack and pinion gear drive
Gear Drive Torque	Capable of delivering 35 in. lbs of push/pull torque
Control Shaft	D-style flattened $\frac{1}{4}$ " diameter with 265° rotation providing 1 $\frac{1}{2}$ " linear travel capability
Cover Plate Screws	Quantity (2) of 6-32 x $\frac{5}{8}$ "
Dampers by others	For dampers with $\frac{1}{2}$ " round or $\frac{3}{8}$ " square damper shaft

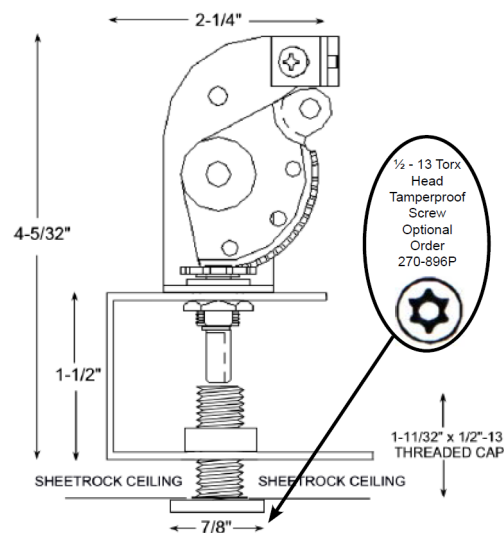


Specs and dimensions are subject to change without notice

Model BC27089638 - Concealed Ceiling Regulator with $\frac{7}{8}$ " Threaded Cap

- Control kit is designed to mount atop a "C" bracket that fastens to a ceiling support stud above the ceiling, with the threaded cap flush with the finished surface
- Threaded screw cap allows access to the controller

Construction	
Bowden Cable	.054" stainless steel control wire encapsulated in $\frac{1}{16}$ " flexible galvanized spiral wire sheath
Control Kit Bracket and Threaded Cap	18 gauge steel "C" bracket to be fastened above the ceiling, and $\frac{7}{8}$ " diameter cold rolled steel zinc plated threaded cap
Control Kit	14 gauge steel rack and pinion gear drive
Gear Drive Torque	Capable of delivering 35 in. lbs of push/pull torque
Control Shaft	D-style flattened $\frac{1}{4}$ " diameter with 265° rotation providing 1 $\frac{1}{2}$ " linear travel capability
Dampers by others	For dampers with $\frac{1}{2}$ " round or $\frac{3}{8}$ " square damper shaft



* Product to be discontinued.
See sales associate for special pricing.

Cover Plates

MODEL	DESCRIPTION
CH	301 Chrome Plate
PL	301 Primer Plate
31511C*	315 Chrome Plate

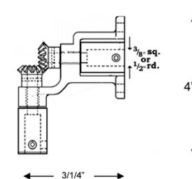
Damper Rods



For $\frac{3}{8}$ " sq. rods
661B sold in pairs

MODEL	DESCRIPTION
660	Steel rod, 24"L
661B	Universal joint

927 Miter Gears Model 927C



Die Cast Gears
 $\frac{3}{8}$ " square shaft

Ecofoot

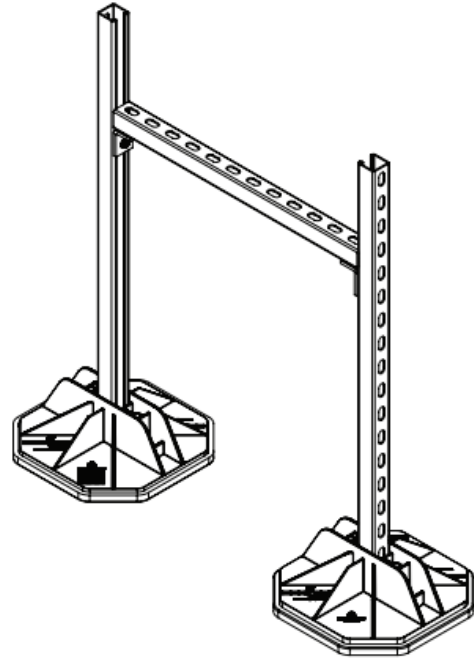
Duct and Pipe Support

The QuickFrame 120 & 175 is designed to support duct, pipe, or cable tray at almost any desired height. The support is designed to be non-penetrative and can be installed on almost all roofing systems. The weight of the mounted product will determine the spacing of the EcoFoot bases.

QF-120 Dimensions: 12" x 12 x 4

QF-175 Dimensions: 17.5" x 17.5 x 3"

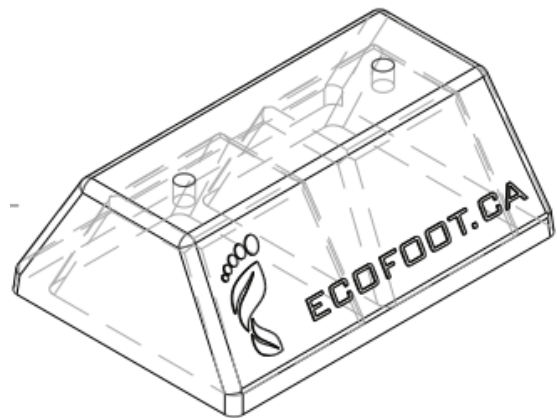
Kit includes EcoFoot base, vibrational mat, 90 deg. brackets, bolts and spring nuts.
*Unistrut not included.



EcoBlok

The EcoBlok is designed for applications with light support requirements. The EcoBlok can accommodate standard 1-5/8" strut, for all accessories and standard fittings. The design and materials of the EcoBlok provide vibration dampening , perfect for protecting the rooftop and reducing vibration noise below.

Dimensions: 9" x 6.25" x 3.3"



Always refer to local code

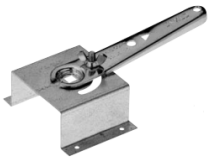
DURO DYNE
Hardware/Parts

Splitter Damper Bracket
Model SRP40 #8034



1/4" shaft size

Standoff with Economy Handle
Model ESO200 #7211



3/8" square shaft, 2" stand height

Open End Bearing Cast Alloy
Model SB138 #8027



3/8" square shaft size
Sold per box of 25

Stampline Regulator
Model KR3 #8058



3/8" dial regulator

Damper Rod
Model BKP6 #2020



1/2" diameter pin and 6" long

Quadline Damper Quadrant
Model KL7R #8064



1/2" round Shaft Loc quadrant

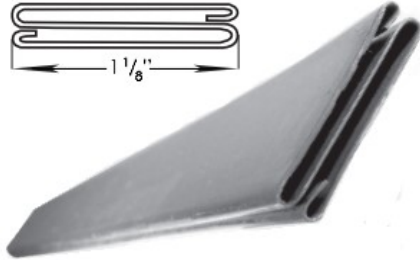
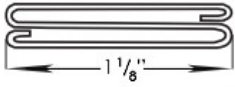
** Product to be discontinued.
See sales associate for special pricing.*

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DURO DYNE

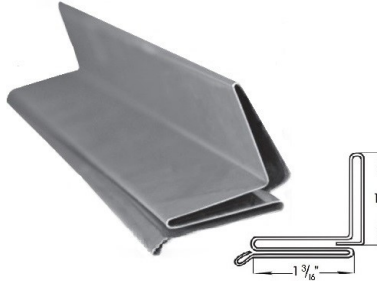
Flange, Cleats, and Corners

Flat S Lock
Model HS #13256



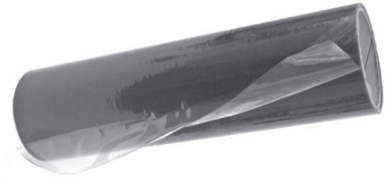
- ♦ 24 gauge steel
- ♦ For the connection of lighter ductwork applications
- ♦ 10' length per piece

Standing S Lock



- ♦ 10' length per piece
- ♦ **Model SS, #13214**
1" 1 5/8"

Dyn-O-Wrap
Model DW24200 #13380



- ♦ Excellent adhesion to ductwork, yet easily removable without leaving residue
- ♦ 24" x 200' roll

** Product to be discontinued.
See sales associate for special pricing.*

Specs and dimensions are subject to change without notice

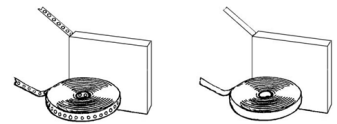


SUPPORTING THE WIDEST RANGE OF MARKETS IN THE FAN INDUSTRY.

Call Lashley & Associates for all your fan needs!

MITEK

Hanger Straps



MODEL	TYPE	WIDTH (IN.)	LENGTH OF ROLL (FT.)
STRAP	Perforated	$\frac{3}{4}$	100
STRAP150	Non-Perforated	1 $\frac{1}{2}$	100

Nylon Ties

Model **L36175**



- ◆ 50 Pieces per Bag, Sold per Bag
- ◆ 36" Length

DURO DYNE

Dyna-Tite Cable Locks

Model **CL23**



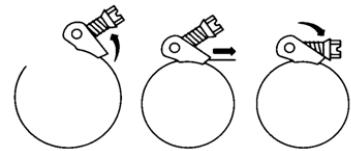
- ◆ Sold 10 per Pack

MODEL	DURO DYNE NUMBER	DIAMETER	LENGTH OF ROLL (FT.)	MAX LOAD (LB.)
WC4	30204	$\frac{1}{8}$	500	250
WC6	30206	$\frac{3}{16}$	250	640

DACE MANUFACTURING

Stainless Steel Clamps

Model **LS**



DIAMETER					
06	08	10	12	14	16

DESIGN POLYMERIC

Sealant

Available Accessories

BRUSH 2" Bristle Brush

Recommended for sealing joints, seams, duct wall penetrations, and connections on flexible duct

Model DP1010

- ♦ A smooth, water based, premium quality, UL-723 Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use

Model DP1020

- ♦ A fiber reinforced, water based, premium quality, UL-723 Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use



SHURTAPE

Duct Tape

- ♦ Models AF973, AF982, PC609, PC609B, PC857, PC857S, and SF686 Tested in Accordance with UL-723

Model AF100

- ♦ 2 mil aluminum UL-181 Listed foil tape has an acrylic adhesive used for joining and sealing fiberglass ductboard and Class 1 Flex Duct
- ♦ Provides an air-tight seal
- ♦ Silver with red letters



2 ½" x 60 yard roll

Model AF973

- ♦ 2 mil dead-soft aluminum foil tap used to seal and join aluminum backed duct wrap, to create water and vapor barriers, and as a metal repair tape for temporary metal repair
- ♦ Silver



2" x 50 yard roll

Model AF984

- ♦ FSK tape-VL 723 used to seal, seam, and join scrim reinforced pipe and duct insulation, and can be used in all weather conditions
- ♦ Silver



3" x 60 yard roll

Models PC609 and PC609B

- ♦ Contractor grade cloth duct tape used for sealing metal and flex duct work, and patching and mending thermal insulation
- ♦ Model PC609: Silver; Model PC609B: Black



2" x 60 yard roll

Models PC857 and PC857S

- ♦ UL-181B-FX Listed cloth duct tape used to seal, seam, and join Class 1 Flex Duct systems, HVAC applications, and installing air ducts and air connectors
- ♦ Model PC857: Gray; Model PC857S: Silver



2" x 60 yard roll

Model SF686

- ♦ UL-181B-FX Listed ShurMASTIC® indoor/outdoor roll mastic foil tape used for air-tight and moisture-free sealing of Class 1 Flex Duct, sheet metal, PVC coated duct and duct wrap vapor barriers
- ♦ Silver



2" x 60 yard roll

JOHNS MANVILLE

Duct Wrap

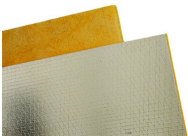


A brown, lightweight, highly resilient, blanket-type thermal insulation formaldehyde-free duct wrap. It is supplied with an FSK vapor barrier with a 2” stapling tab and is manufactured from rotary-process fiber glass.

MODEL	R-VALUE	SIZE (THICKNESS X WIDTH X LENGTH)
MVLDW25	R-6.5	2.20”x48”x75”

JOHNS MANVILLE

Duct Board



A duct board that is produced from durable glass fibers, bonded with a thermosetting resin. The exterior surface features a fire-resistant FSK facing extending the full width of the male edge. It is molded with double-density, male/female edges for secure connections.

MODEL	R-VALUE	SIZE (THICKNESS X WIDTH X LENGTH)
MVLDB150	R-6.5	1 ½” x 48” x 10’

Fire Blanket

Model **BLANKET**

◆ Thermal Ceramic

◆ 30” x 30”



For supply or return air grilles or diffusers when located in fire-rated lay-in ceilings.

DURO DYNE

Tools and Accessories

Steel Tinner's Hammer
Model HAMMER18 #838396



18 oz
11 3/4" length

Self Adhesive Hangers

Sold per pack of 100



Model	Num.	Length	Use
SAH134	#26069	1.75	1 1/2" - 1 1/2# dens.
SAH250	#26071	2.5	2" ins

Super Saber Self Piercing Screws

Model SAT812 #14160



8 x 1/2

Sold per bucket of 1000

** Product to be discontinued.
See sales associate for special pricing.*

Drill Screw Chucks



DCL14 #16008 1/4" head
2 5/8" overall length
DCL516 #16009 5/16" head
2 5/8" overall length

Aerosol Adhesive



Model ASAW #5015

ProPoint Self Drilling Screws



Model PPT1034 #14190 10 x 3/4
Sold per bucket of 1000
Model PPT812 #14185 8 x 1/2
Sold per bucket of 1000

METALAIRE™



Need custom Grilles, Registers, Diffusers or Air Terminal Units?

Lashley & Associates can get these FAST for you!

MALCO PRODUCTS

Tools

**Cushioned-Gripped Serrated Duct Knife
Model DK6S**

- ♦ Double edged, cutlery grade steel blades
- ♦ Resharpenable
- ♦ Cushion grip
- ♦ 6" length



**Manual Cut-Off Tie Tool with Grip
Model TY4G**

- ♦ Manual cut off lever
- ♦ Vinyl cushion grips with hand stops
- ♦ 6" length



CONNEXT Magnetic Hex Hand Drivers

- ♦ 10 ½" overall length
- ♦ **HHD1**
¼" hex, red color code



**Locking Duct Stretcher
Model DS3**

- ♦ Durable steel frame
- ♦ Offset handle
- ♦ 12" length



** Product to be discontinued.
See sales associate for special pricing.*

**Don't see what you're looking for?
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Lashley & Associates is proud to be a Manufacturer's Representative and Distributor for the following companies:

Acme Engineering

Gas Detection Monitors for CO, CO2, NO2, Ammonia, VOC

Air Concepts

Drum Louver, Punkah Louver, Air Nozzles, Factory Ventilation Outlets, Specialty Grilles

Air Mate

Residential Grilles, Registers and Diffusers

American Metal Products

Type B Gas Vent, Double Wall Construction, Chimney Connector System, Temperature Engineered System

American Air Filter (AAF)

Gas Phase Filtration Equipment and Media

Arrow United Industries

Architectural Louvers, Control Dampers, Industrial Dampers, Acoustical Louvers, Penthouses, Brick Vents

Atco Rubber Products, Inc.

UL Listed Flexible Duct, Insulated and Un-Insulated Aluminum Flexible Duct

AtmosAir

Bi-Polar Ionization Technology to Improve Indoor Air Quality by Inhibiting the Growth of Mold, Control the Spread of Airborne Bacteria and Viruses, Eliminate Odors, Neutralize VOC's, and Significantly Reduces Airborne Particles.

MARS

Air Doors / Curtains

Broan Manufacturing Company

Exhaust Fans, Range Hoods, Heaters, Indoor Air, Attic Ventilators

Complete Curb Products

Roof Curbs, Curb Adapters, Package Adapters, Equipment Supports

Denlar Hoods

Commercial Style Fire Suppression for Residential Grade Appliances for Dorms, Multi-Family, Community Centers, Schools, Fire Stations

Design Polymerics

Sealants and Adhesives

DuraVent

"Fas-N-Seal" Stainless steel Double Wall Gas Vent

Duro Dyne

Weld Pins, Insulation Fastening Material, Air Regulation Control Equipment, Zone Control, Flex Duct Connector

Skyblade

Commercial & Industrial HVLS Fans (formally known as Kelly Fans)

J. L. Industries

Wall and Ceiling Access Doors, Fire Extinguishers and Cabinets, Security Access Doors

Johns Manville

Pipe and Equipment Insulation

M & M Manufacturing

Duct Pipe, Elbows, Register Boxes, Reducers, Collars, Drain Pans, Vane Rail, Vane Runner

Markel

Electric Unit Heaters, Cabinet Heaters, Ceiling Heaters Architectural Sill Line Convectors, Baseboard Heaters, Convention Heaters, Duct Heaters –Open Coil/Finned Tube Radiant & Infrared, Specialty-Wash Down Heaters, Wall Heaters, Air Curtains

Metalaire

Air Terminal Units, Grilles, Registers, and Diffusers

Milcor

Roof Hatches, Smoke Vents, Sidewalk Doors, Metal Access Panels

Nederman

Dust, Mist and Fume Extraction. Snorkels, Extraction Arms, Filter Systems, High Vacuum Units, Vacuum Blasters, Welding/ Grinding Exhaust Systems, Vehicle Exhaust Systems, Hose reels

Nord-Fab

Quick-Fit Spiral Ductwork for Dust, Mist, Fume and Smoke Collection.

Pate Company

Roof Curbs, Pipe Curb Assembly, Equipment Supports, Combination Equipment Base, Pipe Roller Supports

Peppertree Air Solutions

The “Original Flexmaster”; UL-181 Listed and Union Made Air Duct, Specialty Duct / Hose for Material Handling, A/C Ventilation, Medium & High Temperatures, Chemical Fume, Exhaust Fume, Stainless Steel and Aluminum Triple-Locked Formed and Leak Proof Seams; Hospital Grade. Sheet Metal Fittings, Access Doors and Accessories.

Pottorff

Fire Dampers, Fire/Smoke Dampers, Radiation Dampers, Wood Truss Radiation Dampers, Louvers, Control Dampers, Access Doors, Sound Control Products, Attenuators, Sound Panels

Prihoda

Custom Fabric, Colors & Designs, UL Listed Duct & Diffuser Systems with Antimicrobial Effect and Antistatic Designed.

Protech Systems

Stainless Steel Double Wall Type “B” Vent Pipe

Reliable, Inc.

Architectural Louvers & Grilles

Selkirk

Chimney, Venting & Fireplace Products; also Grilles, Registers & Diffusers

Reznor

Gas Unit Heaters & Duct Furnaces, Hydronic Unit Heaters, Oil Fired Unit Heaters, Infrared Radiant Heaters, Direct Fired Make-Up Air Heaters

ThermaDuct

Pre-engineered Outdoor Duct Systems, R-8 thru R-24 Insulation Value

US Aire

Residential and Commercial Grilles, Registers and Diffusers

Van Packer

Chimney and Exhausting Products, Elbow, Sealant

Young Regulator

Regulators, Remote Control Systems, Motorized Damper Systems

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OUR MISSION:

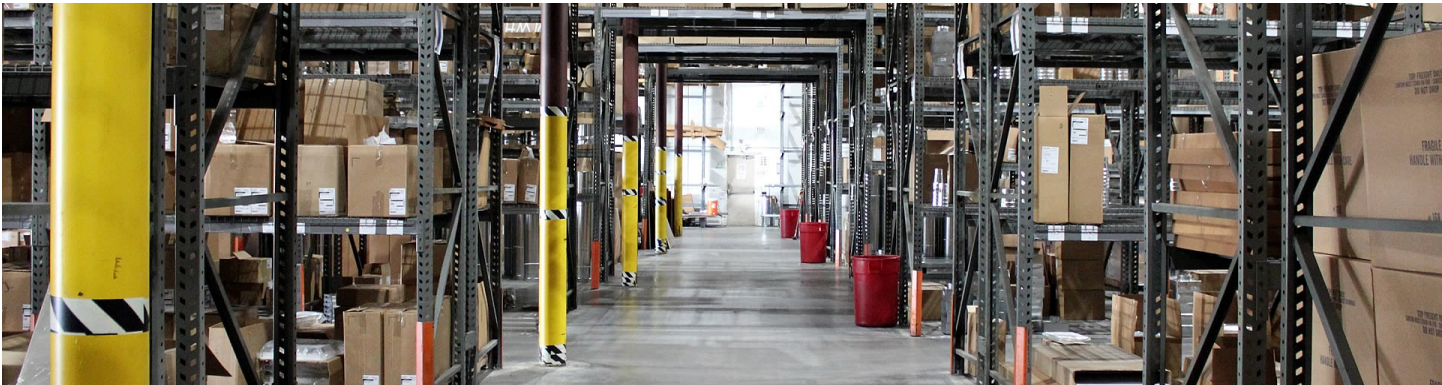
To provide products to the HVAC industry at a fair price that reflects both quality and the value added service we provide, while maintaining profitability to fund continued growth.

OUR VISION:

To be the best at what we do and to be the preferred supplier to our existing and new customers.

To achieve this vision, we believe we must:

- **Be fair, ethical, and honest with our customers and suppliers**
- **Show respect for our employees, recognizing that they are the key to our continued success**
- **Enhance our employees' skills through continual training**
- **Be curious, imaginative, and courageous in challenging our current thinking**
- **Make continuous improvement a way of life**





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