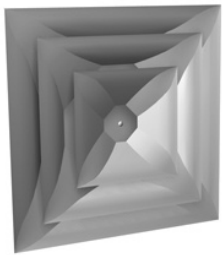


2020 Stock Catalog



Sales Offices

ALBANY, NEW YORK
22 Computer Dr West
Albany, NY 12205
Tel (518) 869-3541
Fax (518) 869-5718

BUFFALO, NEW YORK
132 Cayuga Road
Buffalo, NY 14225
Tel (716) 276-8933

ROCHESTER, NEW YORK
889 Atlantic Avenue
Rochester, NY 14609
Tel (585) 697-0836

SYRACUSE, NEW YORK
6412 Baird Avenue
Syracuse, NY 13206
Tel (315) 471-0105
Fax (315) 471-2045

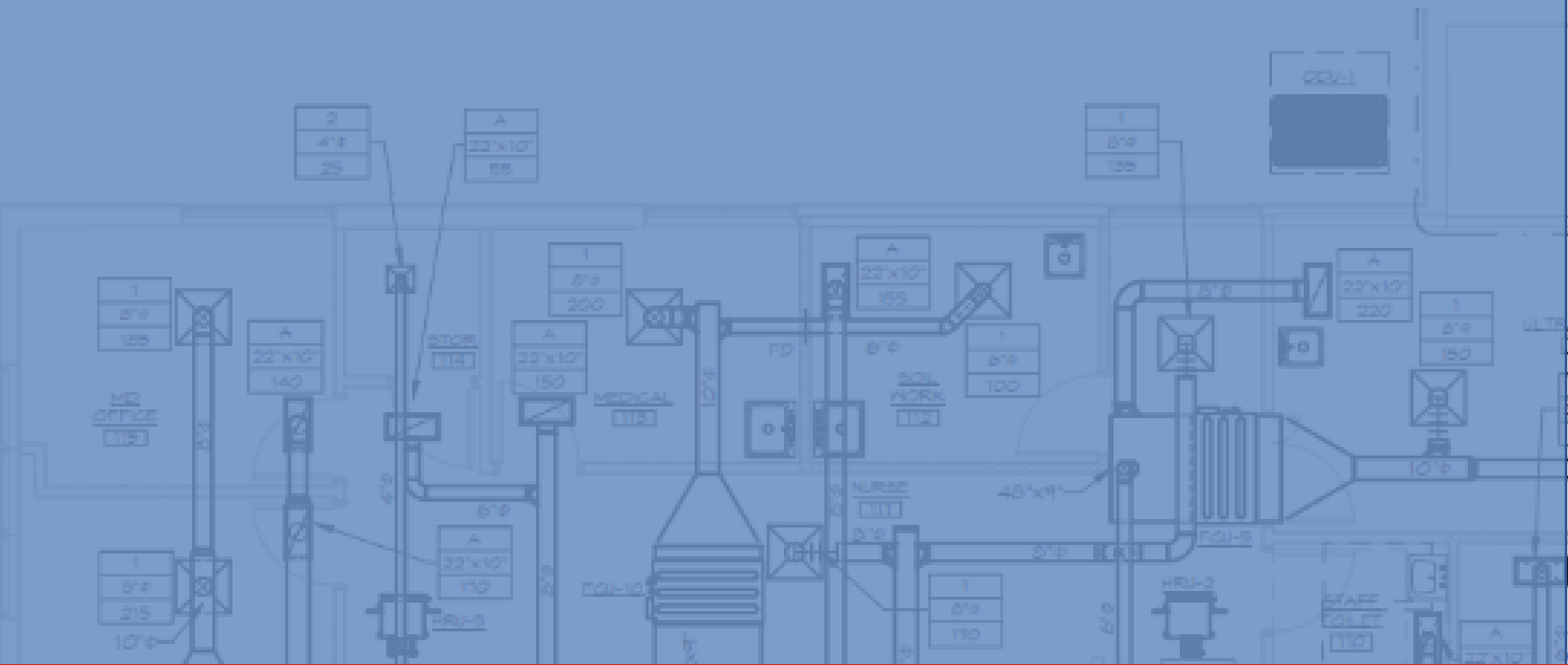
Warehouse Locations: Rochester & Syracuse

IMMEDIATE SHIPPING OR PICKUP AVAILABLE •



• www.rfpeck.com



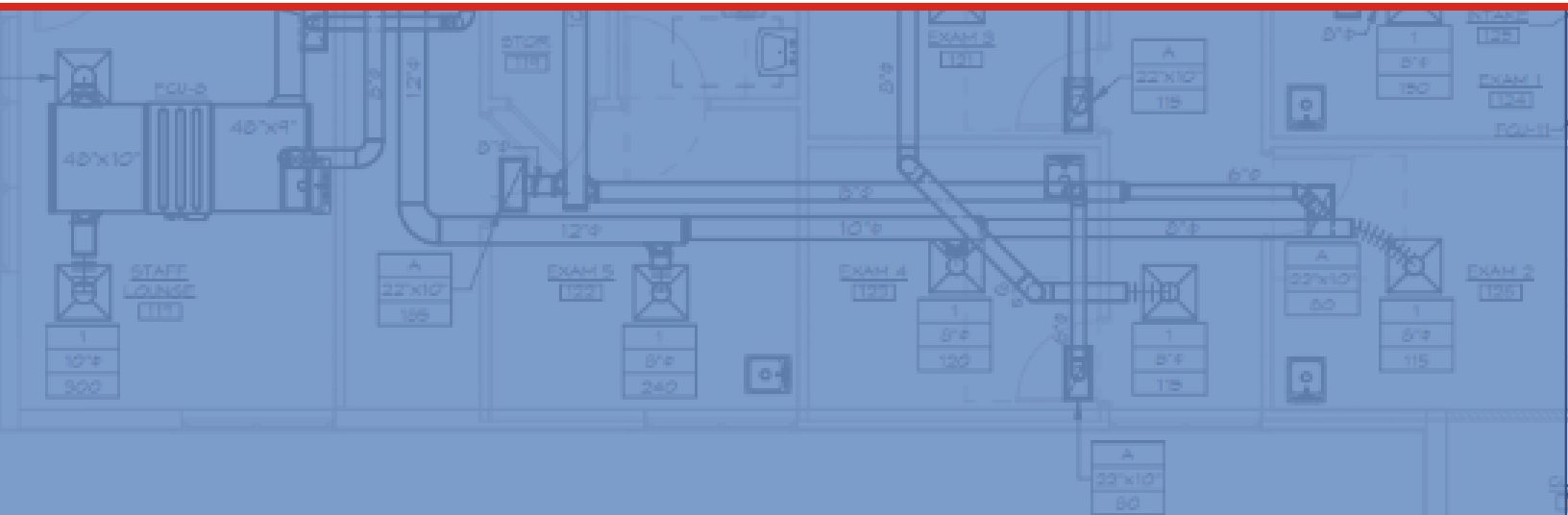


For all equipment use:

.60 Multiplier

Plus freight*

*If not directly picked up from the warehouse



Rochester Warehouse

889 Atlantic Avenue
Rochester, NY 14609
585-697-0836 phone

**** Located between Culver Road and North Winton in Downtown Rochester ****

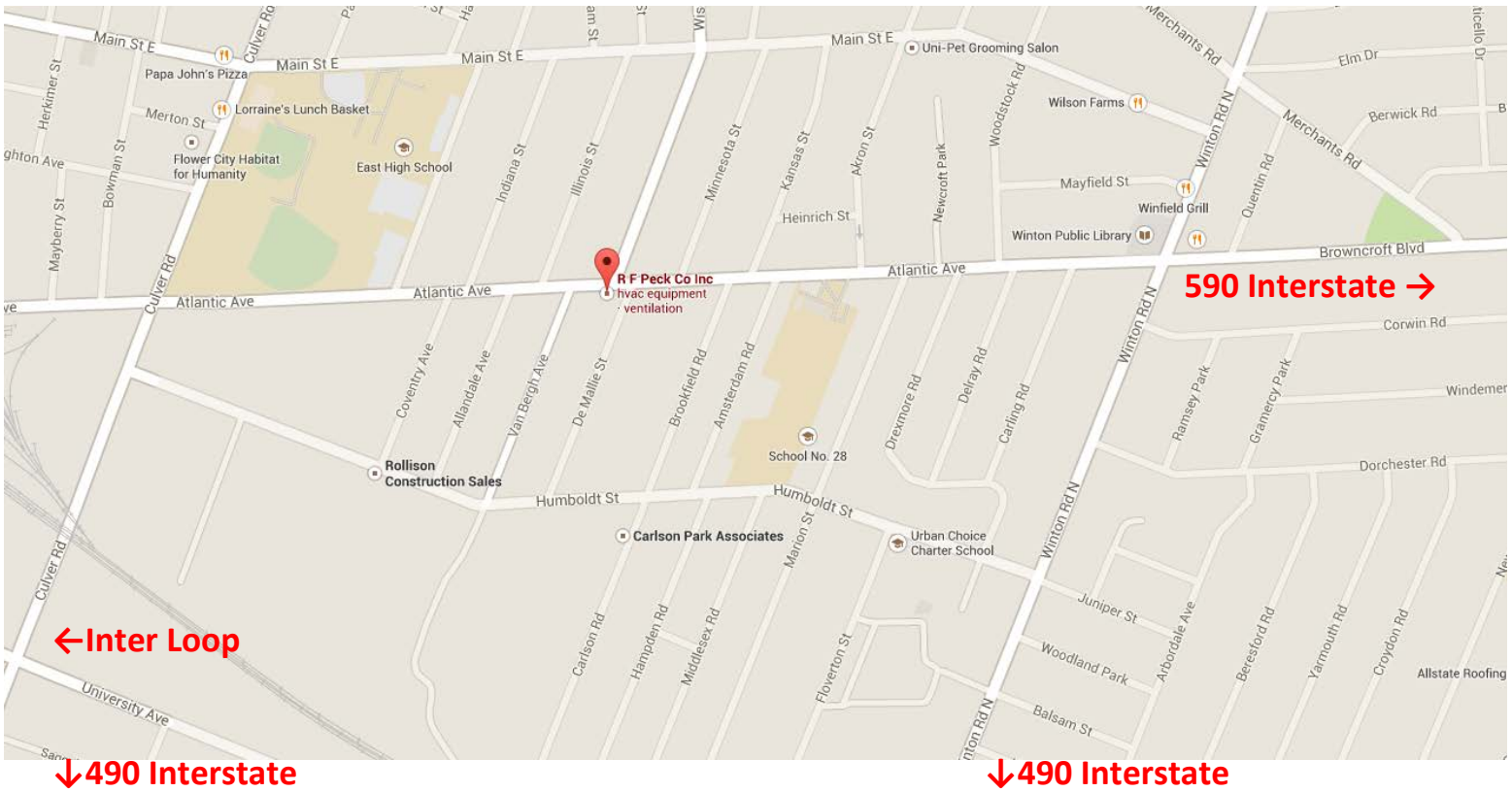


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TERMS & CONDITIONS

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- Returns:** No products shall be returned unless *approved in writing* and will be subject to transportation, handling charges and restocking charges.
- Consequential:** R.F. Peck Co., Inc. shall not be liable for any consequential, incidental or contingent damages whatsoever

Supply Diffusers

SCD



Features:

- Material: Steel
- 3 Concentric Cones
- Optional Damper (pg. 5)
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
11 ¾ x 11 ¾	6	100-200	\$38.34
	8	200-360	\$38.34
23 ¾ x 23 ¾	6	100-200	\$50.00
	8	200-360	\$50.00
	10	360-550	\$50.00
	12	550-780	\$50.00
	14	780-1200	\$50.00

SPD



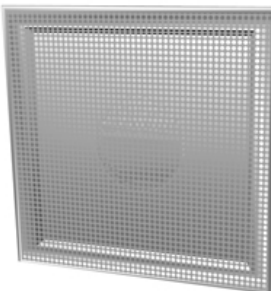
Features:

- Material: Steel
- Easily Removable Plaque Face
- Optional Damper (pg. 5)
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
23 ¾ x 23 ¾	6	100-200	\$55.00
	8	200-360	\$55.00
	10	360-550	\$55.00
	12	550-780	\$55.00
	14	780-1200	\$55.00

Return Diffusers

PDDR



Features:

- Material: Steel
- Hinged Removable Perforated Face with Round Neck
- Optional Round Damper (pg. 5)
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
23 ¾ x 23 ¾	6	100-200	\$47.00
	8	200-360	\$47.00
	10	360-550	\$47.00
	12	550-780	\$47.00

Return Grilles

530

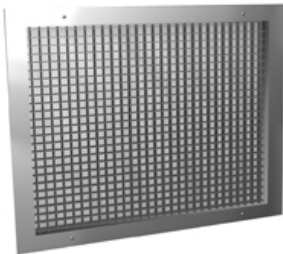


Features:

- Material: Steel
- Fixed Louvers
- White Finish

T-Bar Lay-in		
Neck Size	CFM Range	List Price
22 x 10	320-720	\$45.00
22 x 22	620-1200	\$67.00

80



Features:

- Material: Aluminum
- Egg Crate Face
- White Finish

T-Bar Lay-in		
Neck Size	CFM Range	List Price
22 x 10	320-720	\$46.00
22 x 22	620-1200	\$76.00

80PL



Features:

- Material: Plastic
- Egg Crate Face
- White Finish

T-Bar Lay-in	
Neck Size	List Price
24 x 24	\$16.67
48 x 24	\$26.00

VCR8E



Features:

- Material: Steel
- Round Butterfly Damper
- Mounts to diffuser neck

Neck Size	List Price
6	\$19.00
8	\$20.00
10	\$20.00
12	\$21.00

SQ/RD

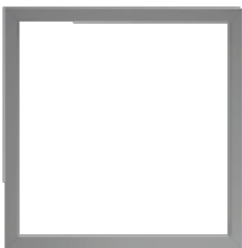


Features:

- Material: Steel
- Fit over diffuser neck
- 3" high square with 3" high collar
- Round neck sizes 1/8" under

Square Dimension	Round Size	List Price
12 x 12	6	\$18.00
	8	\$18.00
	10	\$20.00
	12	\$20.00
22 x 10	6	\$22.00
	8	\$22.00
	10	\$22.00
22 x 22	6	\$28.00
	8	\$28.00
	10	\$28.00
	12	\$28.00
	14	\$28.00

SPF



Features:

- Material: Steel
- For drywall ceilings

Size	List Price
12 x 12	\$28.00
24 x 24	\$38.00

Air Terminal Units & Coils

SDV



Features:

- Material: 22ga zinc coated steel housing
- Mechanically sealed & gasketed, leak resistant construction
- Internal insulation ¾" dual density (meets NFPA 90a & UL 181 requirements)
- Rectangular discharge opening with slip & drive cleat duct connection
- Fiber Free Lining & Control Enclosure
- Gauge taps are standard

Inlet Size	CFM Range	Imperial Units (inches)			List Price
		Outlet	Inlet	Length	
6	0-450	12	8	20 1/8	\$260.00
8	0-800	12	10	20 1/8	\$300.00
10	0-1350	14	12 ½	20 1/8	\$320.00
12	0-2150	16	15	20 1/8	\$340.00

2 Row Coil



Unit Size	Width	Height	MBH*	List Price
6	12	8	15.7	\$180.00
8	12	10	26.4	\$190.00
10	14	12 ½	38.2	\$220.00
12	16	15	52	\$270.00

* Based on 180° EWT/60° EAT



Dampers & Actuators

0130H Fire



Features:

- Square damper with round transition
- Can be mounted vertically or horizontally
- 1-1/2 hour rated

Size	List Price
6"	\$50.00
8"	\$55.00
10"	\$57.00
12"	\$62.00

Ceiling Fans

Gemini



Features:

- Direct Drive
- Gravity Backdraft damper included
- Speed Controller available (below)

Model	Motor RPM	0.00"SP CFM/Sones	0.125" SP CFM/Sones	0.250"SP CFM/Sones	0.375"SP CFM/Sones	.500"SP CFM/Sones	0.625"SP CFM/Sones	0.750"SP CFM/Sones	List Price
GC148	1075	152/2.5	142/2.5	132/2.5	120/2.5	108/3.0	94/3.0	78/3.5	\$200.00

Speed Controller



Device	Control Mode	List Price
Speed Controller	5 amp	\$60.00
Reverse T'stat	Cooling only	\$55.00

Features:

- Available for Direct Drive units
- Can be mounted remotely or at the unit
- Used to adjust unit to desired capacity

Reverse Acting T'Stat



Features:

- Cooling Only
- Mount to standard 2" x 4" vertical box
- Color: Beige/Silver Face



Equipment Rails, Pipe Portals & Roof Curbs

Rails



Features:

- All welded steel support
- 18ga galvanized steel construction
- 12" & 18" high
- 2" Flashing Strip
- Factory Installed Wood Nailer

Length	12"H List	18"H List
3 Feet	\$180.00	\$300.00
5 Feet	\$259.00	\$440.00

Roof Curbs



Features:

- 18" high
- Rigid insulation
- Nominal 2" x 2" wood nailer

Curb O.D.	List Price
12 x 12	\$135.00
17 x 17	\$170.00
19 x 19	\$170.00
23 x 23	\$195.00
29 x 29	\$225.00

Pipe Portals

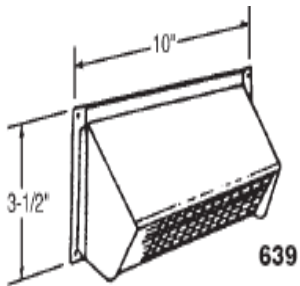


Features:

- 12 x 12 x 12"H & 18"H OD Curb – *priced separately*
- Plastic Cap, 1 or 4 Pipe Silicone Rubber Boot, Stainless Steel Clamp assembly – *priced separately*

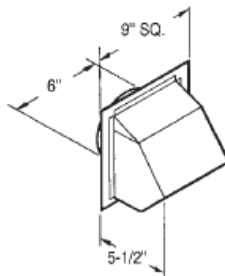
Size	List Price
1 Pipe Cap Assembly	\$190.00
4 Pipe Cap Assembly	\$190.00
12 x 12 x 12"H Curb	\$125.00
12 x 12 x 18"H Curb	\$135.00

Wall Caps



639

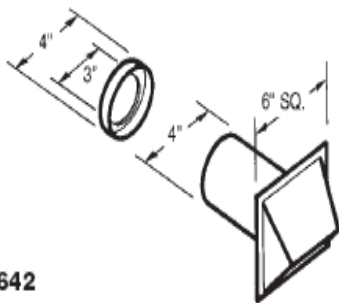
- Steel baked black enamel finish
- Spring-loaded backdraft damper and built-in alum bird screen
- For 3 1/2" x 10" duct



641

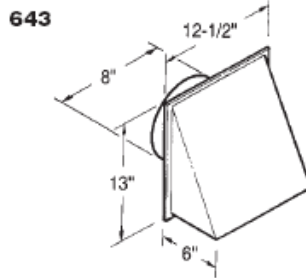
- Aluminum – natural finish
- Built-in backdraft damper
- For 6" round duct

Item	List Price
639	\$41.00
641	\$79.00
642	\$35.00
643	\$110.00



642

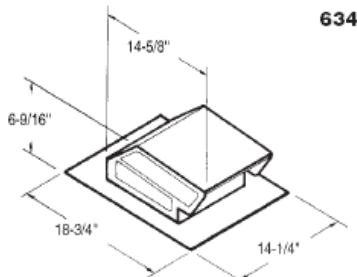
- Aluminum – natural finish
- Built-in backdraft damper
- For 4" round duct (4"-3" transition incl)



643

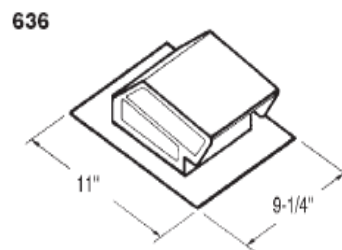
- Aluminum – natural finish
- Built-in backdraft damper
- For 8" round duct

Roof Caps



634

- Steel black electrically bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 10-2/4" x 10 3/4" or up to 10" round



636

- Steel black electrically bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3" or 4" round duct

Item	List Price
634	\$63.00
636	\$35.00



Variable Frequency Drives



Base Drives				
Voltage	HP	Model	List Price	Stock Location*
208V	2	ACH580-01-07A5-2	\$1,100.00	S
208V	5	ACH580-01-017A-2	\$1,320.00	S
208V	10	ACH580-01-031A-2	\$1,900.00	S
480V	3	ACH580-01-04A8-4	\$1,050.00	A/S/R
480V	5	ACH580-01-07A6-4	\$1,200.00	A/S/R
480V	7.5	ACH580-01-012A-4	\$1,340.00	A/S/R
480V	10	ACH580-01-014A-4	\$1,600.00	R
480V	15	ACH580-01-023A-4	\$2,000.00	A/S/R
480V	20	ACH580-01-027A-4	\$2,500.00	A/S/R
480V	25	ACH580-01-034A-4	\$3,250.00	R
480V	30	ACH580-01-044A-4	\$3,800.00	A
480V	40	ACH580-01-052A-4	\$4,600.00	A
480V	50	ACH580-01-065A-4	\$5,800.00	A

ACH580 General Purpose HVAC Variable Frequency Drive. UL Type I Enclosure, Advanced Operator Keypad, 5% Input Swing Choke (Reactor), EMI/RFI Filter, and embedded N2, FLN, Modbus & BACnet included as standard.



Drives with Bypass, Circuit Breaker and Service Switch				
Voltage	HP	Model	List Price	Stock Location*
480V	3	ACH580-VCR-04A8-4+F267	\$2,420.00	A/S/R
480V	5	ACH580-VCR-07A6-4+F267	\$2,650.00	R
480V	7.5	ACH580-VCR-012A-4+F267	\$2,700.00	A/S/R
480V	10	ACH580-VCR-014A-4+F267	\$2,950.00	R
480V	15	ACH580-VCR-023A-4+F267	\$3,420.00	A/S/R
480V	20	ACH580-VCR-027A-4+F267	\$4,100.00	A/S/R
480V	25	ACH580-VCR-034A-4+F267	\$4,850.00	R

ACH580 UH Drive with E-Clipse Bypass, UL Type I Enclosure, Main Circuit Breaker, Operator Advanced Bypass Keypad, Output & Bypass Contractors, Drive Input Service Switch, Pass Through Bypass I/O including N2, FLN, Modbus & BACnet included as standard

*Location **A: Albany** **S: Syracuse** **R: Rochester**
 22 Computer Dr West **6412 Baird Avenue** **889 Atlantic Avenue**

Factory Authorized Start-up Not Included**

Warranty (w/o Factory Authorized Start-up): 1 year Factory Warranty includes parts only

****Start Up:** For an additional cost we can provide factory certified start up. Certified start up includes 2 year parts and labor warranty. Please contact your R.F. Peck representative for details

Syracuse Warehouse

6412 Baird Avenue
Syracuse, NY 13206
315-471-0105 phone
315-471-2045 fax

**** Warehouse entrance is on North Ave., off of New Court Ave. on backside of building ****

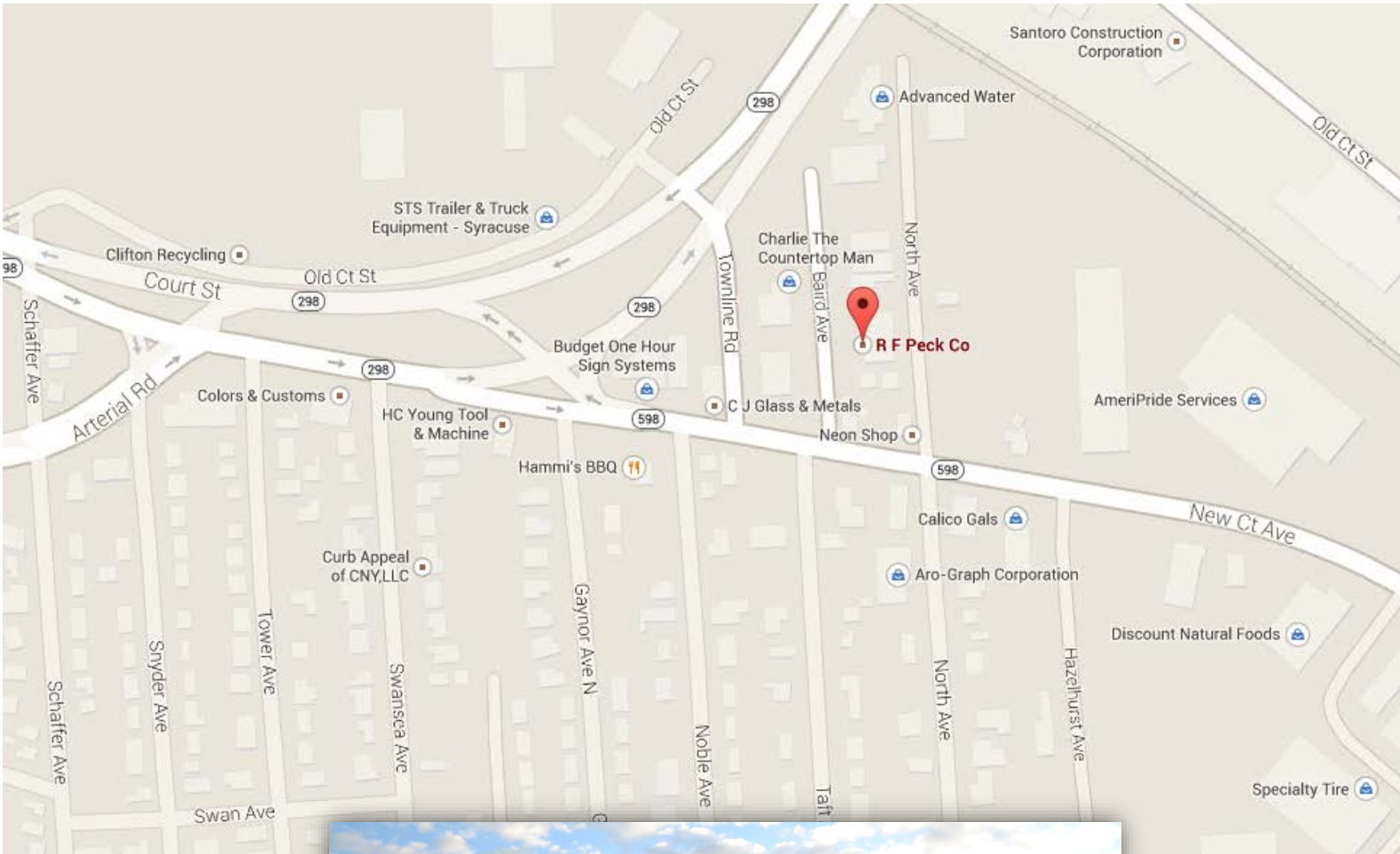


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Supply Diffusers

SCD



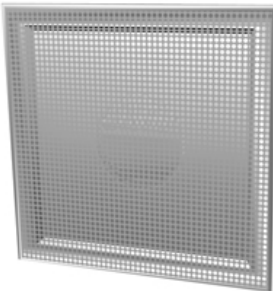
Features:

- Material: Steel
- 3 Concentric Cones
- Optional Damper (pg. 17)
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
11 ¾ x 11 ¾	6	100-200	\$38.34
	8	200-360	\$38.34
23 ¾ x 23 ¾	6	100-200	\$50.00
	8	200-360	\$50.00
	10	360-550	\$50.00
	12	550-780	\$50.00
	14	780-1200	\$50.00

Return Diffusers

PDDR

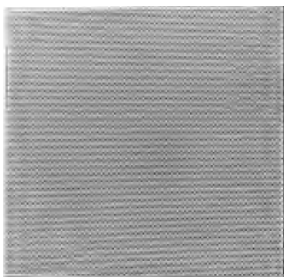


Features:

- Material: Steel
- Hinged Removable Perforated Face with Round Neck
- Optional Round Damper (pg. 17)
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
23 ¾ x 23 ¾	6	100-200	\$47.00
	8	200-360	\$47.00
	10	360-550	\$47.00
	12	550-780	\$47.00
	14	518-1036	\$47.00
	16	736-1227	\$64.00
23 ¾ x 11 ¾	22 x 10	1375	\$50.00
23 ¾ x 23 ¾	22 x 22	3000	\$44.00

PFRF



Features:

- Material: Steel
- Perforated Ceiling Panel
- Non-ducted Return
- White Finish

T-Bar Lay-in			
Panel	Neck Size	CFM Range	List Price
23 ¾ x 11 ¾	22 x 10	1375	\$20.00
23 ¾ x 23 ¾	22 x 22	3000	\$30.00

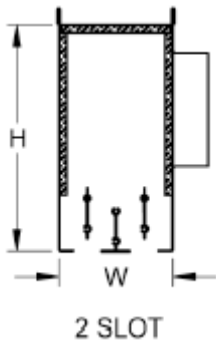
Slot Diffusers

TBDI4100



Features:

- Material
 - Shell – Coated Steel
 - Pattern Controllers – Extruded Aluminum
 - Blade Gasket - Vinyl
- Blades Factory Installed and Field Adjustable for Left, Right or Vertical Airflows
- Spring Rotates up for Blade Removal
- Internal Insulation
- 1" slot width
- Lay-in Frame
- Black Finish

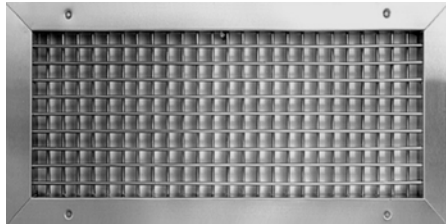


Inlet Dimensions			
Listed Inlet Size	Actual Inlet Dimension	W	H
8"	4" x 10.125" Oval	4"	8"
10"	4" x 13.25" Oval	4"	8"
12"	6" x 15.218" Oval	4"	11"

Inlet Size	Length	# of Slots	Slot Width	CFM	List Price	List Price w/ Auxiliary Frame
8	24	2	1	135	\$120.00	\$150.00
8,10, 12	48	2	1	164-707	\$170.00	\$210.00

Supply Registers

520D



Features:

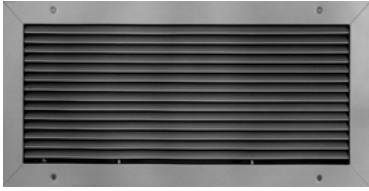
- Material: Steel
- Double Deflection Grille
- Horizontal Front Blades
- Opposed Blade Damper
- White Finish

Surface Mount with Screwholes

Size	CFM Range	List Price	Size	CFM Range	List Price
6 x 6	55-220	\$50.00	16 x 12	335-1180	\$85.00
8 x 4	170-275	\$40.00	16 x 16	480-1500	\$112.00
8 x 6	80-320	\$50.00	18 x 6	245-900	\$66.00
8 x 8	115-470	\$50.00	18 x 10	320-1280	\$80.00
10 x 4	250-350	\$50.00	18 x 12	400-1340	\$92.00
10 x 6	100-410	\$50.00	20 x 6	205-750	\$70.00
10 x 8	140-500	\$54.00	20 x 8	245-900	\$80.00
10 x 10	180-620	\$58.00	20 x 10	335-1420	\$90.00
12 x 4	100-410	\$52.00	20 x 12	335-1180	\$96.00
12 x 6	115-470	\$54.00	24 x 6	320-1100	\$80.00
12 x 8	180-610	\$64.00	24 x 8	335-1180	\$98.00
12 x 10	205-800	\$66.00	24 x 10	400-1340	\$100.00
12 x 12	270-920	\$70.00	24 x 12	540-1600	\$115.00
14 x 6	140-500	\$62.00	24 x 18	835-2400	\$154.00
14 x 8	205-750	\$66.00	30 x 10	540-1600	\$135.00
14 x 10	245-970	\$74.00	30 x 18	1080-3000	\$200.00
16 x 6	220-840	\$62.00	36 x 12	835-2400	\$180.00
16 x 8	245-900	\$70.00	36 x 18	1290-350	\$240.00
16 x 10	270-1080	\$78.00			

Return Grilles

530



Features:

- Material: Steel
- Single Deflection Grille
- Horizontal Front Blades
- White Finish

Surface Mount with Screwholes

Size	CFM Range	List Price	Size	CFM Range	List Price
6 x 6	36-150	\$26.00	16 x 8	162-450	\$38.00
8 x 6	52-200	\$27.00	16 x 10	182-455	\$39.00
8 x 8	78-250	\$27.00	16 x 12	236-600	\$41.00
10 x 6	68-230	\$26.00	16 x 16	320-780	\$46.00
10 x 8	92-300	\$30.00	18 x 10	214-642	\$42.00
10 x 10	120-360	\$36.00	18 x 12	268-670	\$45.00
12 x 6	78-250	\$32.00	18 x 18	380-840	\$52.00
12 x 8	120-360	\$31.00	22 x10 Lay-in	250-700	\$45.00
12 x 10	138-483	\$34.00	22 x22 Lay-in	1000-1400	\$67.00
12 x 12	182-500	\$38.00	24 x 10	268-670	\$46.00
14 x 6	92-300	\$31.00	24 x 12	360-840	\$46.00
14 x 8	138-400	\$32.00	24 x 14	416-1040	\$52.00
14 x 10	162-486	\$38.00	24 x 16	490-1225	\$56.00
14 x 12	214-642	\$39.00	24 x 24	1083-1450	\$70.00
14 x 14	236-600	\$42.00	36 x 24	1116-1900	\$98.00

530FF



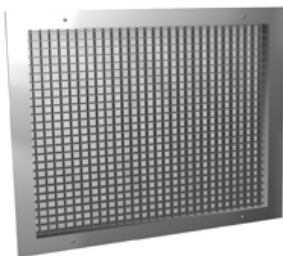
Features:

- Material: Steel
- Filter Grille used for 1" filters
- Face fits inside frame
- Removable Face
- Positive Locking Latch
- Filter not included
- White Finish

T-Bar Lay-in

Panel	Size	Max CFM	List Price
23 ¾ x 23 ¾	20 x 20 T-Bar	2500	\$120.00

80



Features:

- Material: Aluminum
- Egg Crate Face
- White Finish

Surface Mount with Screwholes

Size	CFM Range	List Price
12 x 12	270-750	\$35.00
24 x 24	620-1200	\$92.00

T-Bar Lay-in

Size	CFM Range	List Price
22 x 10	320-720	\$46.00
22 x 22	620-1200	\$76.00

80PL



Features:

- Material: Plastic
- Egg Crate Face
- White Finish

T-Bar Lay-in

Neck Size	List Price
24 x 24	\$16.67
48 x 24	\$26.00

RG&D Accessories

VCR8E



Features:

- Material: Steel
- Round Butterfly Damper
- Mounts to diffuser neck

Neck Size	List Price
6	\$19.00
8	\$20.00
10	\$20.00
12	\$21.00
14	\$30.00

SQ/RD

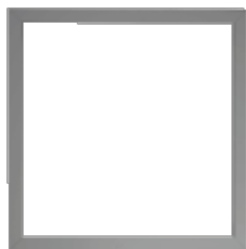


Features:

- Material: Steel
- Fit over diffuser neck
- 3" high square with 3" high collar
- Round neck sizes 1/8" under

Square Dimension	Round Size	List Price
6 x 6	6	\$16.00
8 x 8	6	\$18.00
	8	\$18.00
10 x 10	8	\$18.00
	10	\$18.00
12 x 12	10	\$20.00
	12	\$20.00
18 x 18	16	\$26.00
	16	\$28.00
22 X 22	18	\$28.00

SPF



Features:

- Material: Steel
- For drywall ceilings
- White finish

Size	List Price
12 x 12	\$28.00
24 x 24	\$38.00

Recommended Rates of Air Change Per Building Type

	Minute Per Air Change		Minute Per Air Change		Minute Per Air Change		Minute Per Air Change
GENERAL		HOSPITALS		HOTEL		PLANTS/FACTORIES	
Corridors	60-20	Disinfecting Room	2-5	Dance Hall	3-8	General Plant	
Kitchens	1-3	Consulting Room	2-8	Gallery	6-12	Bakeries	1-3
Living Rooms	2-4	Office Room	3-10	Washing Room	1-4	Dry Cleaners	1-5
Meeting Rooms	4-10	Operating Room	1-4	MACHINE ROOMS		Foundries	1-4
Office	2-8	Respiratory	2-6	Boiler Room	2-4	Glass Plants	1-2
Residences	2-5	Patients	5-10	Compressor Room	2-4	Machine Shop	3-5
Toilet: Private	1-3	Waiting Room	4-8	Engine Room	1-2	Mills (Paper)	2-3
Public	2-5	INSTITUTIONAL		Generating Room	2-5	Mills (Textiles)	5-15
RECREATIONAL		Assembly Hall	3-10	Transformer	1-5	Shop (General Vent)	3-10
Bars	2-4	Auditoriums	4-15	Turbine Room	2-6	Spinning Factory	4-12
Bowling Alley	2-8	Banks	3-10	FOOD STORES		Warehouse	2-10
Gymnasium	2-10	Churches	4-15	Banquet Hall	3-6		
Recreational Room	2-8	Library	5-12	Kitchens	1-3		
Theaters	3-8			Restaurants	5-10		
				Tempura House	1-3		

Methods of Calculating Air Volume

RATE OF AIR CHANGE METHOD:

- Step 1. Find total cubic feet of air space within the building or room to be ventilated.
- Step 2. Determine number of air changes required. Generally mandated by local health codes or use above Air Change Table Guide.
- Step 3. CFM required = $\frac{\text{Building/Room volume in cubic feet}}{\text{Minute/Air Change}}$

EXAMPLE:

Paper mill is 30 ft. x 50 ft. with 10 ft. high ceiling.
 2-3 minutes per air change required for good ventilation.
 30 ft. x 50 ft. x 10 ft. = 15,000 cubic ft. to be moved every 2 minutes or 7,500 CFM.

Fan Laws

The fan laws are a series of formulas used to predict the performance of a fan at parameters other than those listed in the multiratings catalog tables.

FAN LAW # 1: Effect of varying the fan speed, with the fan size and density remaining constant:

- a. CFM varies as the RPM : $\frac{CFM_2}{CFM_1} = \frac{RPM_2}{RPM_1}$
- b. SP varies as the RPM² : $\frac{SP_2}{SP_1} = \left[\frac{RPM_2}{RPM_1} \right]^2$
- c. BHP varies as the RPM³ : $\frac{BHP_2}{BHP_1} = \left[\frac{RPM_2}{RPM_1} \right]^3$

Fan Law # 2: Effect of changed density, with the fan size and speed remaining constant:

- a. The CFM does not change : $CFM_2 = CFM_1$
- b. The SP varies as the density : $\frac{SP_2}{SP_1} = \frac{d_2}{d_1}$
- c. The BHP varies as the density : $\frac{BHP_2}{BHP_1} = \frac{d_2}{d_1}$

*Subscript 1 is the catalog rating of selected fan
 Subscript 2 is the desired rating*

Roof Fans

ACE Spun Aluminum Downblast Roof Exhaust Fan

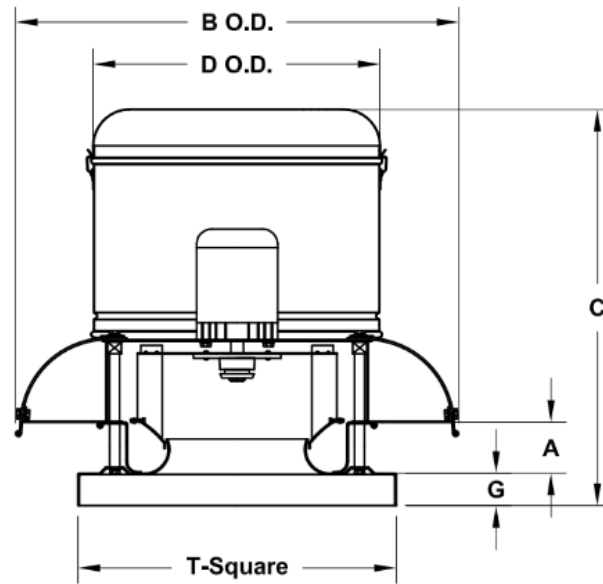


Features:

- Direct Drive
- Gravity Backdraft Damper included
- Speed Controller Pricing on page 13
- Roof curb dimensions on page 11

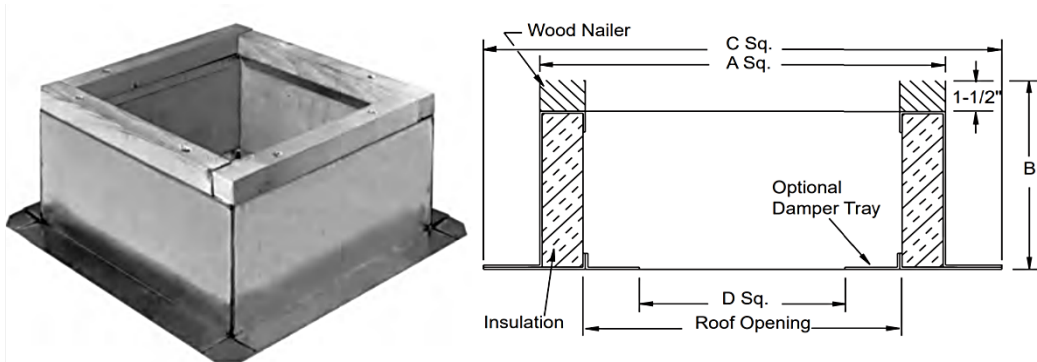
Fan Model	HP	RPM	Tip Speed	0.000" SP		0.125" SP		0.250" SP		0.375" SP		0.500" SP		Speed Control	List Price	w/ curb
				CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones			
70C15DL	1/20	1700	3112	171	5.35	131	5.0	113	4.8	91	4.7	-		5 amp	\$540.00	\$690.00
70C15DM	1/20	1670	3057	242	5.9	187	5.6	157	5.2	102	4.6	-		5 amp	\$580.00	\$730.00
70C15DH	1/20	1550	2837	305	5.2	249	5.2	194	5.1	135	5.0	-		5 amp	\$580.00	\$730.00
90C15DL	1/8	1715	4047	489	8.7	445	8.4	410	8.1	372	7.8	331	7.3	5 amp	\$600.00	\$750.00
90C15DM	1/8	1670	3841	658	9.5	600	9.0	564	8.5	469	8.5	412	7.9	5 amp	\$630.00	\$780.00
90C15DH	1/8	1550	3658	865	9.1	759	9.1	650	8.9	509	8.4	411	8.0	5 amp	\$630.00	\$780.00
100C15DL	1/8	1665	4362	583	11.3	545	11.1	505	10.9	467	10.6	427	10.3	5 amp	\$670.00	\$820.00
100C15DH	1/8	1550	4061	967	11.0	856	11.0	766	10.8	667	10.7	552	10.5	5 amp	\$670.00	\$820.00
120C13D	1/4	1300	4084	1393	9.6	1316	9.6	1236	9.5	1152	9.2	1070	8.9	5 amp	\$850.00	\$1,000.00
135C13D	1/2	1300	4595	1983	12.2	1897	12.2	1808	12.2	1715	12.0	1622	11.7	10 amp	\$900.00	\$1,050.00
150C13D	3/4	1300	5105	2720	15.3	2624	15.3	2527	15.3	2427	15.1	2322	14.9	10 amp	\$1,120.00	\$1,285.00

Fan Dimension Information



ACE-D Direct Drive Dimension Data

Fan Size	A	B	C	D	G	T Sq.	Roof Opening Square	Shipping Weight
70	1-3/4	13-5/8	13-13/16	16-3/4	2	18	13-1/2	20
90	2-1/2	18-3/4	16-13/16	16-3/4	2	18	13-1/2	28
100	2-1/2	18-3/4	16-13/16	16-3/4	2	18	13-1/2	30
120	1-7/16	28-7/16	26-9/16	20-3/8	2	20	15-1/2	67
135	1-15/16	28-7/16	27-1/16	20-3/8	2	20	15-1/2	72
150	2-13/16	32-7/8	29-3/16	23-13/16	2	24	19-1/2	90



Roof Curb Dimension Data

Fan Size	A Sq	B	C Sq	D Sq	Roof Opening Square	Curb Size to Order
70-100	16-1/2	9-1/2	20-1/2	9-3/4	13-1/2	17 x 17
120-135	18-1/2	9-1/2	22-1/2	11-3/4	15-1/2	19 x 19
150	22-1/2	9-1/2	26-1/2	15-3/4	19-1/2	23 x 23

Ceiling Fans



Gemini

Features:

- Direct Drive
- Gravity Backdraft Damper included
- Speed Controller Pricing on page 22
- Inline Kits available for GC146, GC148 & GC186

Model	Motor RPM	0.00"SP CFM/Sones	0.125" SP CFM/Sones	0.250"SP CFM/Sones	0.375"SP CFM/Sones	.500"SP CFM/Sones	0.625"SP CFM/Sones	0.750"SP CFM/Sones	List Price
GC146	900	114/1.2	103/1.2	90/1.3	77/1.5	64/2.0	50/2.5	36/3.0	\$200.00
GC148	1075	152/2.5	142/2.5	132/2.5	120/2.5	108/3.0	94/3.0	78/3.5	\$200.00
GC186	1100	231/5.5	225/5.5	218/5.5	209/5.5	199/5.0	186/5.0	170/5.0	\$240.00
GC542	1600	391/5.5	377/5.5	361/5.5	340/5.5	314/5.5	285/5.0	248/4.5	\$430.00
GC622	1400	501/3.5	486/3.5	461/3.0	433/3.0	392/3.0	339/3.0	-	\$470.00

Model	Inline Kit
GC146	\$64.00
GC148	\$64.00
GC186	\$64.00

Model	Speed Controller
GC146	5 amp
GC148	5 amp
GC186	5 amp
GC542	5 amp
GC622	5 amp

**Pricing on page 22*

Fan Accessories

Speed Controller



Features:

- Available for Direct Drive units
- Can be mounted remotely or at the unit
- Used to adjust unit to desired capacity

Control Mode	List Price
5 amp	\$60.00
10 amp	\$120.00

Roof Curbs



Features:

- 12" high
- Rigid insulation
- Nominal 2" x 2" wood nailer

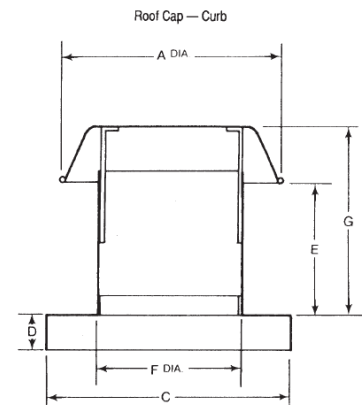
Curb O.D.	List Price
14 x 14	\$150.00
16 x 16	\$150.00
17 x 17	\$150.00
19 x 19	\$150.00
23 x 23	\$165.00
29 x 29	\$195.00

Weather Cap



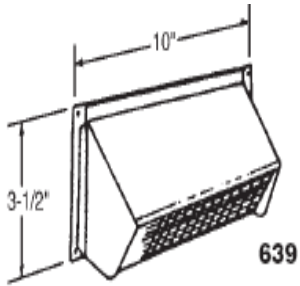
Features:

- Material: Spun Aluminum
- Birdscreen included
- Curb Mount – Curb not included
(see above for pricing)



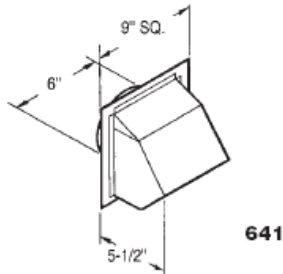
Model	A	C	D	E	F	G	Curb Size	List Price
611CM	11	15-1/2	1-7/8	7-3/4	7-3/4	10-1/8	14	\$160.00
612CM	18-1/2	17-3/4	1-7/8	11-1/8	12	15-5/8	16	\$220.00

Wall Caps



639

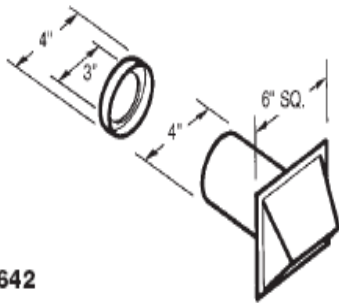
- Steel baked black enamel finish
- Spring-loaded backdraft damper and built-in alum bird screen
- For 3 1/2" x 10" duct



641

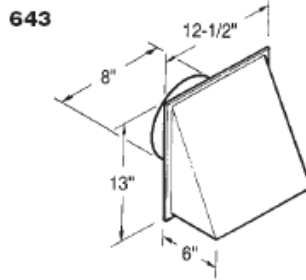
- Aluminum – natural finish
- Built-in backdraft damper
- For 6" round duct

Item	List Price
639	\$41.00
641	\$79.00
642	\$35.00
643	\$110.00



642

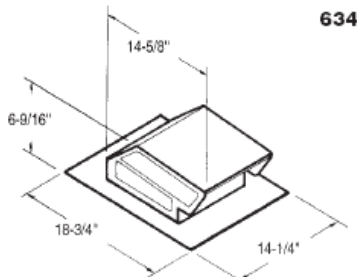
- Aluminum – natural finish
- Built-in backdraft damper
- For 4" round duct (4"-3" transition incl)



643

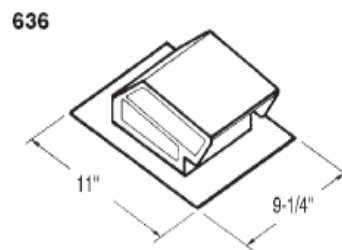
- Aluminum – natural finish
- Built-in backdraft damper
- For 8" round duct

Roof Caps



634

- Steel black electrically bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 10-2/4" x 10 3/4" or up to 10" round



636

- Steel black electrically bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3" or 4" round duct

Item	List Price
634	\$63.00
636	\$35.00

Dampers & Actuators

0110H Fire

- Features:**
- Can be mounted vertically or horizontally
 - 1-1/2 hour rated
 - Duct size – ¼”
 - 4 ¼” deep

Size W x H	List Price	Size W x H	List Price
6 x 6	\$31.00	16 x 12	\$54.00
8 x 6	\$31.00	16 x 16	\$59.00
8 x 8	\$35.00	18 x 10	\$55.00
10 x 8	\$36.00	18 x 12	\$58.00
10 x 10	\$38.00	18 x 18	\$68.00
12 x 6	\$36.00	20 x 8	\$48.00
12 x 8	\$38.00	20 x 12	\$55.00
12 x 10	\$38.00	20 x 20	\$66.00
12 x 12	\$41.00	22 x 10	\$56.00
14 x 8	\$46.00	24 x 10	\$56.00
14 x 12	\$54.00	24 x 12	\$59.00
14 x 14	\$59.00	24 x 16	\$66.00
16 x 8	\$46.00	24 x 24	\$78.00

0130H Fire



- Features:**
- Square damper with round transition
 - Can be mounted vertically or horizontally
 - 1-1/2 hour rated
 - Loose links available if needed

Size	List Price
6”	\$50.00
8”	\$55.00
10”	\$57.00
12”	\$62.00
14”	\$90.00
16”	\$90.00
18”	\$106.00

Fusible Links	List Price
165°	\$13.55
212°	\$14.85

1020 Control



- Features:**
- 16ga galvanized steel construction
 - Blade & jamb seals

Size W x H	List Price	Size W x H	List Price
12 x 12	\$145.00	24 x 24	\$240.00
16 x 16	\$180.00	24 x 36	\$330.00
20 x 20	\$210.00	30 x 30	\$340.00
24 x 10	\$180.00	36 x 12	\$200.00
24 x 12	\$180.00	36 x 24	\$280.00
24 x 16	\$190.00		

1370 Backdraft



- Features:**
- Blades are roll formed aluminum alloy
 - Polyurethane blade seals reduce backflow & noise

Size	List Price
12 x 12	\$100.00
16 x 16	\$120.00
24 x 24	\$180.00

Belimo

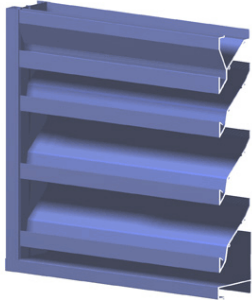


Model	Type	Mounting	Max Sq Ft	Voltage	List Price
LF24	Electric	External/Internal	5-7	24V	\$300.00
LF120	Electric	External/Internal	5-7	120V	\$330.00
NF24	Electric	External/Internal	13-15	24V	\$350.00
NF120	Electric	External/Internal	13-15	120V	\$390.00
½” SHAFT QUAD	Manual				\$14.25

Louvers & Brick Vents



1604D



Features:

- 4" Deep Louver
- Material: Extruded Aluminum
- 45° Drainable Stationary Blade
- ½" Mesh Aluminum Birdscreen

Size	List Price
12 x 12	\$154.00
16 x 16	\$190.00
24 x 12	\$190.00
24 x 16	\$220.00
24 x 24	\$260.00
30 x 30	\$390.00
36 x 24	\$330.00



168EX



Features:

- Brick Vent
- Material: Extruded Aluminum
- ½" Mesh Aluminum Birdscreen

Size	List Price
16½ x 7½	\$125.00

Access Doors

Hinged



Features:

- Door Panel – 24ga Galvanized Steel
- Frame – 22ga Galvanized Steel
- Insulation – 1" Fiberglass

Size	List Price
6 x 6	\$24.00
8 x 8	\$26.00
10 x 10	\$30.00
12 x 12	\$32.00
14 x 14	\$38.00
16 x 16	\$47.00
18 x 18	\$52.00
24 x 24	\$73.00

Cam



Vibration Isolators



**Model BA
Spring Mount**



**Model HNSA
Spring Hangers**



**Model HSF/A
Spring Flex Hangers**

Floor Mounted, Spring Type BA				Hangers, Spring Type HNSA				Hangers, Spring Type HSF/A			
Type	Height	Max Load lbs.	List Price	Type	Height	Max Load lbs.	List Price	Type	Height	Max Load lbs.	List Price
BA-121	4 ½"	50	\$38.00	HNSA-A3-121	8"	50	\$52.00	HSF-041	4 ½"	23	\$23.00
BA-122	4 ½"	80	\$38.00	HNSA-A4-122	8"	80	\$52.00	HSF-042	4 ½"	40	\$23.00
BA-123	4 ½"	130	\$38.00	HNSA-B1-123	8"	130	\$63.00	HSF-043	4 ½"	65	\$23.00
BA-124	4 ½"	210	\$38.00	HNSA-B2-124	8"	210	\$63.00	HSF-044	4 ½"	90	\$23.00
BA-125	4 ½"	300	\$38.00	HNSA-B3-125	8"	300	\$63.00	HSF-045	4 ½"	185	\$23.00
BA-126	4 ½"	370	\$38.00	HNSA-BE-126	8"	370	\$63.00	HSA-124	4 ½"	210	\$29.00
								HAS-125	4 ½"	300	\$29.00
								HAS-126	4 ½"	370	\$29.00

Vibration Isolators



**Model HND
Rubber-In-Shear Hangers**



**Model FMD
Rubber-In-Shear Mounts**

Hangers, Rubber-In-Shear Type HND				Floor Mounted, Rubber-In-Shear Type FMD			
Type	Height	Max Load lbs.	List Price	Type	Height	Max Load lbs.	List Price
HND-A-1	3"	30	\$19.00	FMD-A-1	1 ¼"	30	\$14.00
HND-A-2	3"	40	\$19.00	FMD-A-2	1 ¼"	40	\$14.00
HND-A-3	3"	70	\$19.00	FMD-A-3	1 ¼"	70	\$14.00
HND-A-4	3"	120	\$19.00	FMD-A-4	1 ¾"	115	\$14.00
HND-B-1	4"	165	\$39.00	FMD-B-1	1 ¾"	130	\$20.00
HND-B-2	4"	235	\$39.00	FMD-B-2	1 ¾"	165	\$20.00
HND-B-3	4"	375	\$39.00	FMD-B-3	1 ¾"	235	\$20.00
HND-B-4	4"	572	\$39.00	FMD-B-4	1 ¾"	375	\$20.00

Shear Flex Pads



Features:








- Material: Special Rubber
- Extremely High Deflection Rate
- Alternately Raised Ribs provide effective vibration isolation in both high & low load ranges
- Max Load: 60lbs
- Load Range: 15-55 psi

Size	List Price
18" x 18" x 3/8"	\$26.00

Sheet Metal Products

 <p>AAF/FLANDERS FILTERS</p> <ul style="list-style-type: none"> • Foremost in Air Filtration 	 <p>FABRICAIR</p> <ul style="list-style-type: none"> • Flexible Fabric Ducting Systems
 <p>ACUTHERM</p> <ul style="list-style-type: none"> • Therma-Fuser Diffuser Systems 	 <p>HEE Environmental Engineering, LLC</p> <ul style="list-style-type: none"> • Fiberglass Scrubbers, Fans & Ducts
 <p>AIRFLOW DIRECTION</p> <ul style="list-style-type: none"> • Room Pressure Monitors & Alarms 	 <p>LOREN COOK COMPANY</p> <ul style="list-style-type: none"> • Power Roof Ventilators, Centrifugal & Industrial Fans, Lab Exhaust Fans • Make-up Air • Energy Recovery Systems
 <p>AIR BALANCE</p> <ul style="list-style-type: none"> • Fire, fire/smoke, control & backdraft dampers 	 <p>NAILOR</p> <ul style="list-style-type: none"> • Fire, fire/smoke, ceiling radiation, control & backdraft dampers • Fan Coil Units • Electric Duct Heaters
 <p>AMERICAN WARMING & VENTILATION</p> <ul style="list-style-type: none"> • Louvers • Industrial dampers 	 <p>POTTORFF</p> <ul style="list-style-type: none"> • Fire, fire/smoke, control & backdraft dampers • Louvers
 <p>BLENDER PRODUCTS</p> <ul style="list-style-type: none"> • Static Air Mixing Systems 	 <p>PRICE</p> <ul style="list-style-type: none"> • Registers, Grilles & Diffusers • Variable Air Volume Boxes • Fan Coil Units • Silencers
 <p>BRASCH</p> <ul style="list-style-type: none"> • Electric Heating Products • Gas Detection Systems 	 <p>SKYBLADE</p> <ul style="list-style-type: none"> • High Volume Low Speed Fans for high ceiling facilities, open office spaces, warehouses, places of worship, gymnasiums, auto dealerships & more
 <p>CAPTIVEAIRE</p> <ul style="list-style-type: none"> • Kitchen Hood Exhaust Systems • Make-up Air Units 	 <p>STROBIC AIR CORPORATION</p> <ul style="list-style-type: none"> • High Induction Laboratory Fume Hood & Industrial Process Exhaust Systems
 <p>DENLAR FIRE PROTECTION</p> <ul style="list-style-type: none"> • Fully Integrated, Pre-Engineered Fire Suppression Range Hood System • Commercial-Style Protection in a Residential-Grade Range Hood 	 <p>TAMCO</p> <ul style="list-style-type: none"> • High Performance Control Dampers for Outside Air Systems
 <p>DYNAMIC AIR QUALITY SOLUTIONS</p> <ul style="list-style-type: none"> • Active/passive air filtration technology solutions that optimize energy, maintenance and indoor air quality 	 <p>THERMADUCT</p> <ul style="list-style-type: none"> • Pre-Engineered Outdoor Duct Systems
 <p>VENTAIRE</p> <ul style="list-style-type: none"> • Vehicle exhaust removal and fume extraction systems 	

Mechanical Products

 <p>ASEA BROWN BOVERI (ABB)</p> <ul style="list-style-type: none"> • Variable Frequency Drives • Motor Starters 	 <p>LAKOS A LINDSAY COMPANY</p> <ul style="list-style-type: none"> • Solid from Liquid Water Filtration Systems
 <p>ADDISON</p> <ul style="list-style-type: none"> • Semi-Custom Commercial Cooling, Heating, Dehumidification and 100% Outside Air Systems 	 <p>LG</p> <ul style="list-style-type: none"> • VRF – Variable Refrigerant Flow Systems
 <p>AIREDALE</p> <ul style="list-style-type: none"> • Unit Ventilators, Gas Fired Make-up Air, Fintube & Hydronic Heaters 	 <p>MAMMOTH</p> <ul style="list-style-type: none"> • Penthouse units, DX & Rooftop units
 <p>ARMSTRONG FLUID TECHNOLOGY</p> <ul style="list-style-type: none"> • Pumps & Heat Exchangers • Expansion Tanks & Air Separators • Triple Duty Valves & Flow Control Valves 	 <p>MARKEL Products Company</p> <ul style="list-style-type: none"> • Electric Heating Products
 <p>CENTROTHERM</p> <ul style="list-style-type: none"> • Polypropylene flue gas venting system for Category II & IV appliances 	 <p>MEASURED AIR PERFORMANCE</p> <ul style="list-style-type: none"> • Active Sensing System (SmartStack) for Laboratory Exhaust Fan Systems.
 <p>CLIMACOOL THE ULTIMATE CHILLER SOLUTION</p> <ul style="list-style-type: none"> • Modular Chillers • Packaged Rooftops 	 <p>OVENTROP</p> <ul style="list-style-type: none"> • Balancing Valves • Coils Kits • Radiator Valves
 <p>CLIMATEMASTER</p> <ul style="list-style-type: none"> • Horizontal & vertical, rooftop, console floor mount, water to water & vertical stacked heat pumps & 100% OA units with energy recovery 	 <p>PHOENIX CONTROLS</p> <ul style="list-style-type: none"> • Precision air flow control systems for laboratory & critical room environments
 <p>COONEY COILS</p> <ul style="list-style-type: none"> • Freeze Block HVAC Coils 	 <p>PURE HUMIDIFIER</p> <ul style="list-style-type: none"> • Steam Injection, Steam Heat Exchanger, Electric & Gas Fired Humidifiers
 <p>DUNHAM-BUSH</p> <ul style="list-style-type: none"> • Chillers, Central Station AHU, Rooftop Units and Fan Coil Units 	 <p>QUANTECH</p> <ul style="list-style-type: none"> • Air-Cooled & Water-Cooled Chillers
 <p>DYNAMIC AIR QUALITY SOLUTIONS</p> <ul style="list-style-type: none"> • Active/passive air filtration technology solutions that optimize energy, maintenance and indoor air quality 	 <p>RENEWAIRE</p> <ul style="list-style-type: none"> • Air to Air Plate Energy Exchangers • Hydronic Coils & Gas Heaters 10:1 modulation • Enthalpy Core for Sensible & Latent Energy
 <p>EMI</p> <ul style="list-style-type: none"> • Chilled Water and Ductless Split Air Conditioning Systems 	 <p>RETROAIRE</p> <ul style="list-style-type: none"> • Replacement PTACs, Vertical Packaged Heat Pumps and WSHF Console Units
 <p>EVAPCO</p> <ul style="list-style-type: none"> • Cooling Towers & Fluid Coolers • Thermal Ice Storage Systems 	 <p>RIELLO</p> <ul style="list-style-type: none"> • High Efficiency Boilers • Commercial Burners
 <p>GOVERNNAIR</p> <ul style="list-style-type: none"> • Custom Air Handling Units 	 <p>TEMPMASTER</p> <ul style="list-style-type: none"> • Packaged cooling and heating units, dx units, split systems and packaged heat pumps
 <p>HUNTAIR</p> <ul style="list-style-type: none"> • FANWALL Technology® Custom AHU's • Cleanroom Recirc Air Handlers • Cleanroom Products & Systems 	 <p>TEMTRON</p> <ul style="list-style-type: none"> • Custom Air Handling Units
 <p>KAMPMANN</p> <ul style="list-style-type: none"> • Trench Heating Systems 	 <p>VENMAR</p> <ul style="list-style-type: none"> • Energy Recovery Air Handling Units
 <p>KLIMOR</p> <ul style="list-style-type: none"> • Series of modular air handling for air conditioning, ventilation, heating, cooling, low pressure & high-pressure systems 	 <p>VENTROL</p> <ul style="list-style-type: none"> • Custom Air-Handling Units
 <p>KONVEKTA</p> <ul style="list-style-type: none"> • Engineered Energy Recovery Systems 	 <p>VULCAN</p> <ul style="list-style-type: none"> • Hot water heaters & fin tube radiation