

The logo for Air Flow, Inc. features the company name in a bold, blue, sans-serif font. A stylized blue arrow points to the right, passing through the letter 'F'.

AIR FLOW, INC.

Range. Support. Experience.

Warehouse Catalog Edition 2.1

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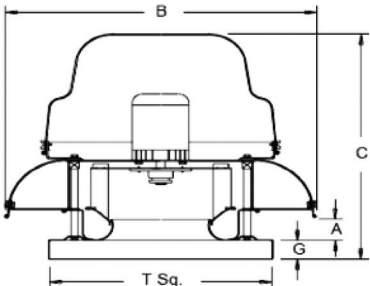
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Cook

Model ACED Downblast Centrifugal Exhaust Ventilator—Direct Drive



- All aluminum housing
- Backward inclined all aluminum wheel
- Welded curb cap corners
- Birdscreen
- Factory installed disconnect switch—Prewired
- Factory installed speed switch—Prewired

Model	CFM Range @ 0.5" SP	HP	Volt- age	B (width)	C (Height)	T (Curb Cap)	Weight	Curb Size	BDD
90C15DH	100-400	1/8	115/1	18-3/4	16.8125	18x18	28	16.5x16.5	12x12
100C15DH	250-525	1/8	115/1	18-3/4	16.8125	18x18	30	16.5x16.5	12x12
101C15D	350-700	1/8	115/1	18-3/4	16.8125	18x18	30	16.5x16.5	12x12
120C15D	600-1350	1/4	115/1	28-7/16	26.5625	20x20	67	18.5x18.5	14x14
150C10D	1000-1900	1/3	115/1	32-7/8	28.6875	24x24	87	22.5x22.5	18x18

Gravity Backdraft Damper

Gravity dampers feature an extruded aluminum frame, aluminum blades and aluminum hinge pins with nylon bushings.

Available in sizes:

- 8"x8"
- 10"x10"
- 12"x12"
- 14"x14"
- 16"x16"
- 18"x18"
- 20"x20"
- 22"x22"
- 24"x24"



Cook

Model GC Ceiling Exhaust and Inline Fan

- Forward curved injection molded wheel
- One piece injection molded housing
- Motor isolators
- 6" round outlet with backdraft damper
- Integral disconnect switch
- Factory mounted and wired speed switch

Model	CFM @ 0.25" SP	Watts	Voltage	Sones
GC-128	63	64	115/1	1.0
GC-148	132	98	115/1	2.5
GC-168	162	145	115/1	3.5
GC-188	244	89	115/1	6.5
GC-242	108	26	115/1	1.5
GC-342	224	77	115/1	4.5
GC-522	201	72	115/1	2.0
GC-642	548	178	115/1	4.5
GC-740	772	343	11/1	6.5



Gemini 128-188



Gemini 242-740

Available accessories:

- Round duct wall caps with damper in 4", 6", 8" sizes
- Rectangular wall caps in sizes 8.3"x6.375" and 10.8"x5"
- 16"x8" brick vent with front flanged or channel frame and anodized clear finish
- Inline adaptor kits for models GC-128 - 188. Not needed for models GC-242 - 740.

Broan

Residential Ceiling Exhaust Fans

Model	CFM @ 0.10" SP	Watts	Voltage	Sones	Outlet
670	50	55	115/1	3.5	3"
AE80B	80	26.9	115/1	1.5	4"



Broan 670



Broan AE80B

Ruskin

Model CD36 Low Leakage Control Damper—Opposed Blade

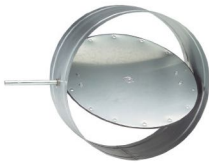
- 6" x 1/2" control shaft
- 16 gauge 6" blades
- 16 gauge frame
- Blade and jamb seals

Available in sizes:

- 10"x10"
- 12"x12"
- 14"x14"
- 16"x16"
- 18"x18"
- 20"x20"
- 24"x12"
- 24"x24"
- 30"x30"
- 36"x24"
- 36"x36"
- 48"x24"
- 48"x48"



Model CDRS25 Low Leakage Round Control Damper

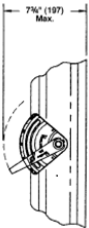


Available in sizes:

- 6"
- 8"
- 10"
- 12"
- 14"
- 16"

Model HQR050B Hand Quadrant

- Galvanized steel hand quadrant for 1/2" round shaft.
- Compatible with 2" standoff.



Belimo

Damper Actuators

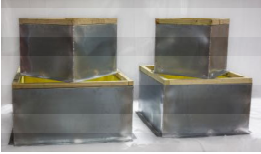
Internal & external linkage kits available



Model	Voltage	Aux. Switch Available	Torque	Recommended Damper Size
TF24(S)	24V	Yes	18 in-lb	4.5 sqft
LF24(S)	24V	Yes	35 in-lb	8.0 sqft
NFB24(S)	24V	Yes	90 in-lb	22 sqft
AFB24	24V	No	180 in-lb	45 sqft
TF120(S)	120V	Yes	18 in-lb	4.5 sqft
LF120(S)	120V	Yes	35 in-lb	8.0 sqft
NFBUP(S)	24-240V	Yes	90 in-lb	22 sqft
AFBUP(S)	24-240V	Yes	180 in-lb	45 sqft

The Pate Company

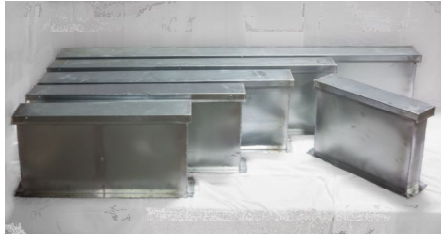
Roof Curbs 18" High / 18 Gauge



Model	O.D.	I.D.	Cook Fan Sizes
PC-2	16.5"x16.5"	13.5"x13.5"	60, 70, 80, 90, 100
PC-2	18.5"x18.5"	15.5"x15.5"	120, 135
PC-2	22.5"x22.5"	19.5"x19.5"	150, 165
PC-2	28.5"x28.5"	25.5"x25.5"	180, 195, 210, 225, 245
PC-2	34.5"x34.5"	31.5"x31.5"	270, 300
PC-2	40.5"x40.5"	37.5"x37.5"	330, 365

Equipment Rails 18" High / 18 Gauge

Model	Length	Width	Nailer
ES-2	2'-0"	6"	2"x6"
ES-2	3'-0"	6"	2"x6"
ES-2	4'-0"	6"	2"x6"
ES-2	5'-0"	6"	2"x6"
ES-2	6'-0"	6"	2"x6"
ES-2	8'-0"	6"	2"x6"

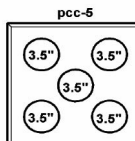
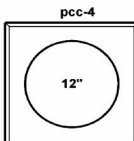
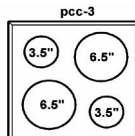
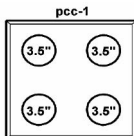


Equipment Rail Loading Information

Style	Width & Height	Area IN	Moment of Inertia IN	Section Modulus IN	Maximum Allowable Concentrated Load Lbs.	Maximum Allowable End Reaction Lbs.	Maximum Allowable Intermediate Reaction Lbs.	Maximum Allowable Uniform Load Lb./Ft.
ES-2	5-1/2"x18	1.775	37.800	4.85	4300	4100	4100	1300

Pipe Curb Assembly / 18 Gauge

Curb Model	Curb Size O.D.
PCA-2	15"x15"x12" High



Cap Model	Pipe Sizes
PCC-1	(4) 1/2"-2 7/8"
PCC-3	(2) 1/2"-2 7/8" & (2) 3"-5 1/2"
PCC-4	(1) 6"-10 3/4"
PCC-5	(5) 1/2"-2 7/8"



Price

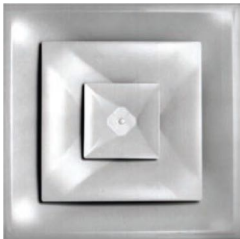
Model (A)SPD Square Plaque Diffuser

Neck Size	Panel Size	CFM Range	Available Models
6"	12"x12"	0-150	SPD
8"	12"x12"	140-280	SPD
6"	24"x24"	0-150	SPD / ASPD
8"	24"x24"	140-280	SPD / ASPD
10"	24"x24"	215-435	SPD / ASPD
12"	24"x24"	315-625	SPD / ASPD
14"	24"x24"	430-855	SPD / ASPD

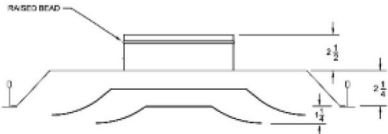


- Steel (SPD) or Aluminum (ASPD) Construction
- White Powder Coat Finish
- Surface Mount Frames, Dampers, and Air Baffles Available

Model (A)SCD Square Cone Diffuser



Neck Size	Panel Size	CFM Range	Available Models
6"	12"x12"	0-150	SCD
8"	12"x12"	140-280	SCD
6"	24"x24"	0-150	SCD / ASCD
8"	24"x24"	140-280	SCD / ASCD
10"	24"x24"	215-435	SCD / ASCD
12"	24"x24"	315-625	SCD / ASCD
14"	24"x24"	430-855	SCD

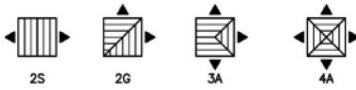


- Steel (SCD) or Aluminum (ASCD) Construction
- White Powder Coat Finish
- 360 Degree Fixed Air Pattern
- Removable Core—Without Tools
- Surface Mount Frames, Dampers, and Sectorizing Baffles Available

Price

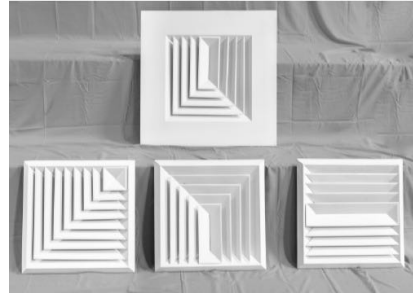
Model SMD Louvered Face Directional Diffuser

Neck Size	Panel Size	CFM Range	Border
6"x6"	-	0-200	6
9"x9"	-	210-450	6
12"x12"	-	400-775	6
15"x15"	-	625-1050	6
6"x6"	24"x24"	0-200	3P
9"x9"	24"x24"	210-450	3P
12"x12"	24"x24"	400-775	3P
15"x15"*	24"x24"	625-1050	3P

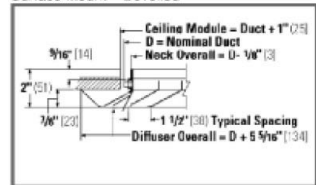


- Steel Construction
- White Powder Coat Finish
- Spring Loaded Removable Core
- Core Styles for 2-, 3-, 4-Way Throw
- Border 3P—Lay In Ceiling
- Border 6—Beveled Frame Surface Mount
- Square to Round Adaptors and Surface Mount Frames Available

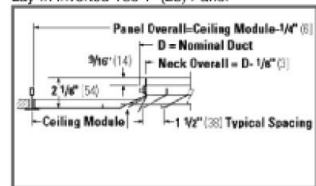
*Available in 4-way aluminum construction



Type 6
Surface Mount — Beveled



Type 3P
Lay-In Inverted Tee 1" (25) Panel



Model VPD-HC Varitherm Thermally Powered VAV Diffuser



- VAV Heating and Cooling
- Auto Heat / Cool Changeover
- Minimum Airflow Adjustment / Balancing Mode From The Face
- Hinged Plaque with Magnetic Closure
- Steel Backpan and Plaque
- White Powder Coat Finish
- Available in 6", 8", and 10" neck sizes
- 24"x24" Panel Size

Price

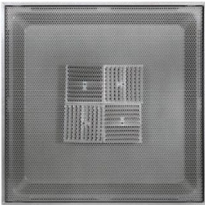
**Model PDC Perforated Supply Diffuser
with Neck Mounted Adjustable Curved Blades—Lay In**

Neck Size	Panel Size	CFM Range
6"	24"x24"	0-150
8"	24"x24"	140-280
10"	24"x24"	215-435
12"	24"x24"	315-625



- Steel Construction
- Hinged Removable Face
- Surface Mount Frames and Dampers Available
- White Powder Coat Finish
- Adjustable Deflectors

**Model PDF Perforated Supply Diffuser
with Face Mounted Adjustable Pattern Deflectors—Lay In**



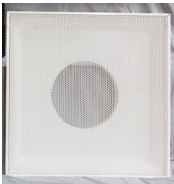
Neck Size	Panel Size	CFM Range
6"	24"x24"	0-150
8"	24"x24"	140-280
10"	24"x24"	215-435
12"	24"x24"	315-625
14"	24"x24"	430-855
16"	24"x24"	625-1000

- Steel Construction
- Hinged Removable Face
- Surface Mount Frames and Dampers Available
- White Powder Coat Finish
- Adjustable Deflectors

Model PDDR Perforated Return / Transfer / Exhaust Grilles

Neck Size	Panel Size	CFM Range
6"	24"x24"	0-125
8"	24"x24"	70-210
10"	24"x24"	110-330
12"	24"x24"	155-475
14"	24"x24"	205-625
16"	24"x24"	245-800
22"x22"	24"x24"	670-2000
22"x10"	24"x12"	300-900

- Steel Construction
- White Powder Coat Finish
- Hinged Removable Face
- Surface Mount Frames and Dampers Available



Model RCDE Round Cone Adjustable Diffuser



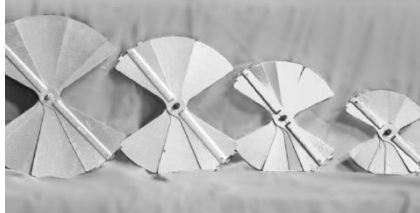
Inlet Size	Outside Diameter	CFM Range
6"	11-1/8"	80-160
8"	14-3/4"	140-280
10"	18-1/4"	220-435
12"	22"	315-630

- Steel Construction
- White Powder Coat Finish
- Radial Dampers Available
- 360 Degree Adjustable Air Pattern

Model VCR9 Radial Volume Damper

Available in sizes:

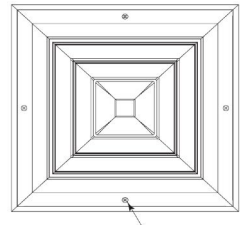
- 6"
- 8"
- 10"
- 12"
- 14"



Model LCMD Light Commercial Directional Diffuser



- Steel Construction
- White Powder Coat Finish
- All are 4-Way Throw
- Surface mount with screwholes



Surface Mount

Neck Size	Panel Size	CFM Range
6"x6"	-	0-200
8"x8"	-	210-450
10"x10"	-	400-775
12"x12"	-	625-1050

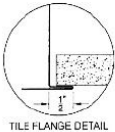
Raymon-Donco

Model XW Adjustable Slot Diffuser

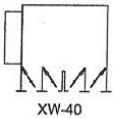
Model	Length	Slots	Inlet	With Center Notch	CFM Range
XW20	24"	2-slot	6"	-	75-150
XW20	24"	2-slot	8"	-	75-150
XW20	48"	2-slot	8"	Yes	175-250
XW20	48"	2-slot	8"	No	175-250
XW20	48"	2-slot	10"	Yes	150-275
XW20	48"	2-slot	10"	No	150-275
XW40	48"	4-slot	10"	Yes	275-500
XW40	48"	4-slot	10"	No	275-500
XW40	48"	4-slot	12"	Yes	275-500
XW40	48"	4-slot	12"	No	275-500



- Oval inlets and low profile plenums
- Available with and without center notch
- White face and T-bars
- Black pattern deflectors
- Integral side-T's



XW-20



XW-40

Model XW Adjustable Slot Plaster Frames

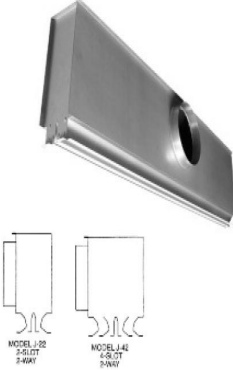
- White finish
- Mounting clips

Model	Length	Slots	Ceiling Opening
TBF	24"	2-slot	24.75"x4.75"
TBF	48"	2-slot	48.75"x4.75"
TBF	48"	4-slot	48.75"x7.25"



Raymon-Donco

Model J Fixed Blade Slot Diffuser



Model	Length	Slots	Inlet	Available with Center Notch	CFM Range
J22	24"	2-slot	6"	-	80-160
J22	24"	2-slot	8"	-	80-160
J22	48"	2-slot	6"	Yes	125-175
J22	48"	2-slot	8"	Yes	175-250
J22	48"	2-slot	10"	Yes	250-325
J42	48"	4-slot	10"	Yes	325-500
J42	48"	4-slot	12"	Yes	325-500

- Oval inlets and low profile plenums
- White face
- Integral side-T's

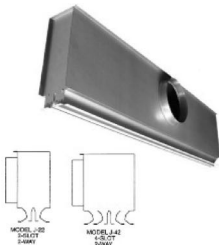
Model J Fixed Blade Slot Plaster Frames

Model	Length	Slots	Ceiling Opening
JF22	24"	2-slot	24.75"x4.75"
JF22	48"	2-slot	48.75"x4.75"
JF42	48"	4-slot	48.75"x7.25"

- White finish
- Mounting clips



Model J Fixed Blade Slot Diffuser for Flat 9/16" Narrow Grid



Model	Length	Slots	Inlet	CFM Range
J22	24"	2-slot	6"	80-160
J22	48"	2-slot	8"	175-250
J22	48"	2-slot	10"	250-325

- Oval inlets and low profile plenums
- Integral side-T's
- White face
- Center notch available on 48" long slot diffusers

Price

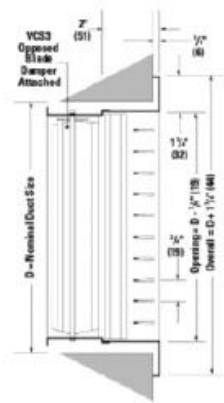
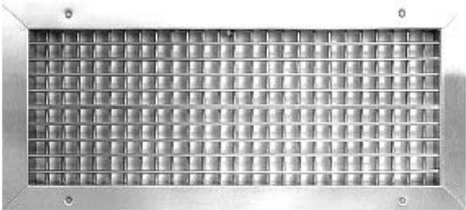
Model 520D—Surface Mount Supply Register

Width

Height

	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	30"	36"
4"	✓	✓	✓	✓								
6"	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
8"		✓	✓	✓	✓	✓	✓	✓		✓	✓	
10"			✓	✓	✓	✓	✓	✓		✓	✓	
12"				✓	✓	✓	✓	✓		✓	✓	✓
14"					✓		✓	✓		✓		
16"						✓				✓		
18"							✓			✓	✓	✓
20"								✓				
22"												
24"										✓	✓	✓
26"												✓

- Steel construction with adjustable blades
- Double deflection—3/4" spacing
- Opposed blade damper
- White powder coat finish



Price

Model 530—Fixed Blade Surface Mount Return Grille

Width

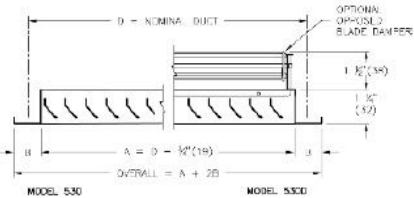
	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	30"	36"	46"	48"
4"	✓	✓	✓	✓										
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
8"		✓	✓	✓	✓	✓	✓	✓		✓				
10"			✓	✓	✓	✓	✓	✓	✓	✓	✓			
12"				✓	✓	✓	✓	✓		✓	✓	✓		✓
14"					✓	✓	✓	✓		✓	✓			
16"						✓	✓	✓		✓	✓			
18"							✓	✓		✓	✓	✓		✓
20"								✓						
22"									✓				✓	
24"										✓	✓	✓		✓
48"														✓

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- Steel construction with fixed blades
- 45 degree deflection—3/4" spacing
- B12 White powder coat finish

Lay In Sizes		Steel / Aluminum Available
Neck Size	Panel Size	
22"x10"	24"x12"	Steel / Aluminum
22"x22" *	24"x24"	Steel / Aluminum
22"x46"	24"x48"	Steel

* Sightproof Model RAME-T available



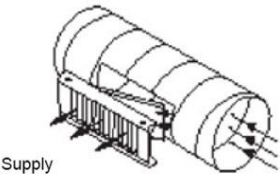
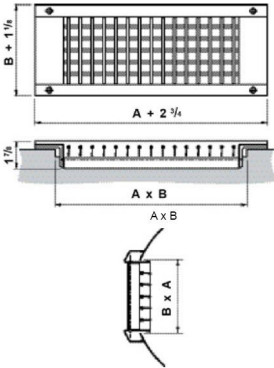
EHG

Model DMR Spiral Mount Grilles with Air Scoops

Size	CFM (*)	Throw (150-100-50 fpm)	NC	Minimum Duct Diameter
13"x3"	144	14 - 17 - 32	25	6"
17"x3"	192	14 - 18 - 34	29	6"
21"x3"	240	14 - 19 - 36	31	6"
13"x6"	288	14 - 20 - 38	31	12"
17"x6"	384	15 - 22 - 41	37	12"
21"x6"	480	15 - 23 - 44	40	12"
25"x6"	584	15 - 23 - 44	40	12"
21"x9"	800	16 - 26 - 49	46	20"
25"x9"	960	17 - 26 - 49	48	20"
(*) CFM based on 800 FPM				

- Steel construction with adjustable blades
- Double deflection—3/4" spacing
- Mill finish

Dimensions:



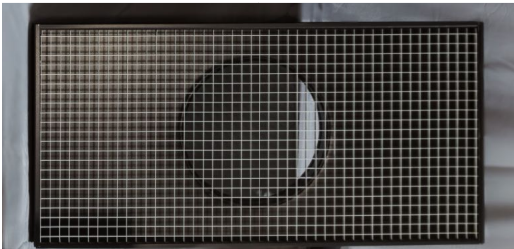
Supply



Raymon-Donco

Model ECRD Egg Crate Grille with Integral Plenum

Neck Size	Module Size
6" Round	24"x12"
8" Round	24"x12"
10" Round	24"x12"
6" Round	24"x24"
8" Round	24"x24"
10" Round	24"x24"
12" Round	24"x24"
14" Round	24"x24"
16" Round	24"x24"
18" Round	24"x24"
20" Round	24"x24"



- Lay In Egg Crate Grille with Integral Plenum and 1/2"x1/2"x1/2" Aluminum Core
- 2-1/2" Tall Collar with Raised Bead
- White Powder Coat Finish on Core—Pre-Finished Black Interior on Plenum
- Surface Mount Frames and Dampers Available

Model ECR Egg Crate Grille

Lay In Sizes:	
Panel Size	Neck Size
24"x12"	22"x10"
24"x24"	22"x22"
48"x24"	46"x22"

Surface Mount Sizes:	
Neck Size	
6"x6"	
8"x8"	
10"x10"	
12"x12"	
14"x14"	
16"x16"	
18"x18"	
22"x22"	
24"x12"	
24"x24"	

- Lay In (TB) or Surface Mount (SM) Egg Crate Grille with 1/2"x1/2"x1/2" Aluminum Core
- White Powder Coat Finish
- Surface Mount Frames Available



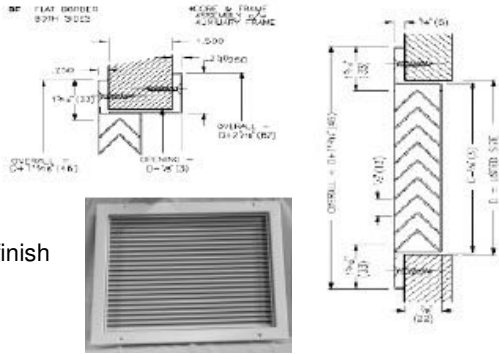
Price

Model STG1 Door Grilles with BF Frame

Available in sizes:

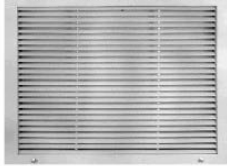
- 12"x6"
- 12"x12"
- 14"x14"
- 18"x12"
- 24"x12"
- 24"x18"
- 24"x24"

- Silver powder coat finish
- Steel construction
- Telescoping frame



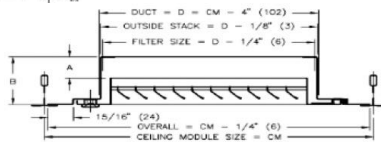
Model 530FF-TB Louvered Face Filtered Return Grilles—Lay In

5/8" (16) Blade Spacing, 45° Deflection 530FF/630FF



Available in sizes: 20"x20" - 24"x24" Lay In

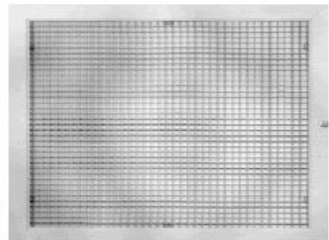
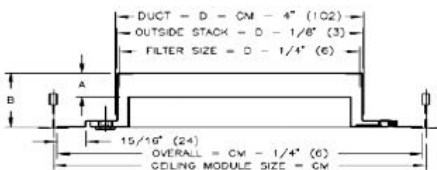
- Steel Construction
- White Powder Coat Finish
- Fits 2" Filter
- Filters 30%



Model 80FF-TB Egg Crate Filtered Return Grilles—Lay In

Available in sizes: 20"x20" - 24"x24" Lay In

- Aluminum Construction
- White Powder Coat Finish
- Fits 2" Filter
- Filters 30%



Raymon-Donco

Model STR Square to Round Transition

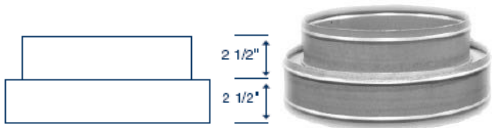
	4"	6"	8"	10"	12"	14"	16"	18"	20"
6"x6"	✓	✓							
8"x8"		✓	✓						
9"x9"		✓	✓						
10"x10"			✓	✓					
12"x12"		✓	✓	✓	✓				
14"x14"					✓	✓			
15"x15"		✓	✓	✓	✓	✓			
16"x16"						✓	✓		
18"x18"						✓	✓	✓	
20"x20"					✓	✓	✓	✓	
22"x10"		✓	✓	✓					
22"x22"		✓	✓	✓	✓	✓	✓	✓	✓



- 24GA galvanized construction
- 2-1/2" tall collar with raised bead
- Pre-finished black

Model RTR Round to Round Transition

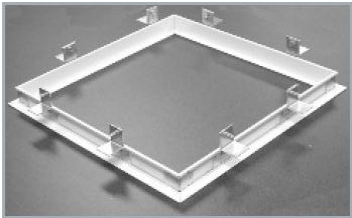
- 24GA galvanized construction
- 2-1/2" tall collar with raised bead
- Pre-finished black



	4"	6"	8"	10"	12"
6"	✓				
8"		✓			
10"			✓		
12"		✓	✓	✓	
14"				✓	✓
15"					✓

Model QMF Drywall Frame

Size	Rough In Opening
12"x12"	12.375"x12.375"
24"x12"	24.375"x12.375"
24"x24"	24.375"x24.375"



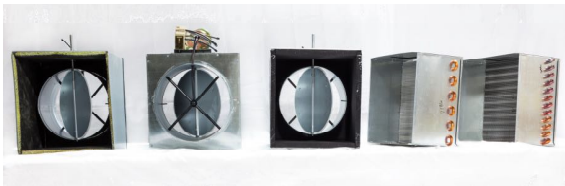
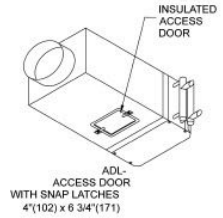
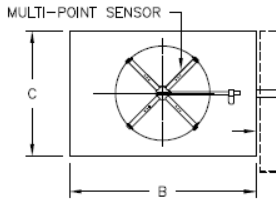
* White Powder Coat Finish

Price

Model SDV5 Single Duct VAV Terminal Units

- 1/2" thick min 1.5 lb insulation
- 22GA zinc-coated steel housing
- Mechanically sealed and gasketed
- Leak resistant construction
- Slip and drive discharge
- Optional fiber free liner available
- Access door with snap latches
- Pneumatic controls available
- Control enclosures available

Inlet	Outlet	Length	CFM Range
6"	12"x8"	20-1/8"	0-450
8"	12"x10"	20-1/8"	0-800
10"	14"x12.5"	20-1/8"	0-1350
12"	16"x15"	20-1/8"	0-2100
14"	20"x17.5"	23-5/8"	0-300
16"	24"x18"	23-5/8"	0-4000
24"x16"	38"x18"	19"	0-8000



Hot Water Coils for Model SDV5

VAV Size	Coil Width	Coil Height	Coil Length	1 Row	2 Row
6"	12"	8"	9"	✓	✓
8"	12"	10"	9"	✓	✓
10"	14"	12.5"	9"	✓	✓
12"	16"	15"	9"	✓	✓
14"	20"	17.5"	9"	✓	✓
16"	24"	18"	9"	✓	✓
24"x16"	38"	18"	9"	✓	✓

Franklin Controls

Model BAS Smartstart Starters

Combination Versions Include Disconnect

Specifications

- Motor circuit protection disconnect provides branch and short circuit protection
- High interrupting ratings for maximum electrical system compatibility
- No fuses required—save time and money
- Lockable handle for safety

- Starter Type: Building Automation Starter
- Standard or Combination
- UL Type 1 or UL Type 4/12 Enclosure
- User Interface
- Hands-Off-Auto keypad with LEDs
- Watertight membrane

- LED pilot lights
- Hand, Off, Auto, Run Overload



Three Phase Combination Building Automation Starters

Model #	208V	230V	460V
BAS1-9/P-G1.6-40	-	-	1/2 - 3/4 HP
BAS1-9/P-G2.5-40	1/2 HP	1/2 HP	1 HP
BAS1-9/P-G4-40	3/4 HP	3/4 HP	1.5 - 2 HP
BAS1-9/P-G6-40	1 HP	1 - 1.5 HP	3 HP
BAS1-9/P-G8-40	1.5 - 2 HP	2 HP	5 HP
BAS1-18/P-G10-40	2 HP	3 HP	5 HP
BAS1-18/P-G13-40	3 HP	3 HP	7.5 HP
BAS1-18/P-G17-40	-	5 HP	10 HP
BAS1-32/P-G22-40	5 HP	7.5 HP	15 HP
BAS1-32/P-G26-40	7.5 HP	7.5 HP	15 HP
BAS1-32/P-G32-40	10 HP	10 HP	20 HP

Model BAS-1P Starters

Single Phase Combination Building Automation Starters

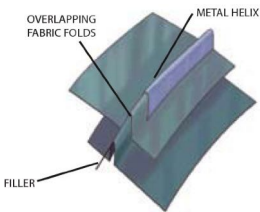
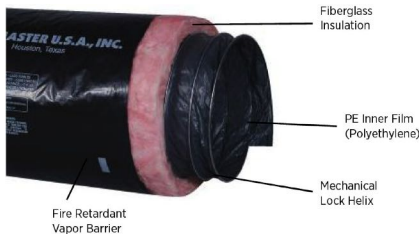
- On/Off Disconnect Switch with Recessed Hand/Auto Modes
- Run Status Verification
- Voltage & Dry Inputs for Auto Run Command
- Wide Range Class 10 Electronic Overload

Model #	120V	230V
BAS-1P	1/10 - 1 HP	1/10 - 1 HP



Flexmaster

Flexmaster Type 1 Flexible Duct



LINER: An acoustically transparent PE (Polyethylene) inner film allows mid-range sound energy to penetrate the duct wall. Mechanically Locked without adhesives.

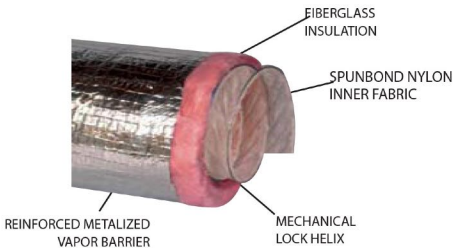
HELIX: Corrosive resistant galvanized steel, formed and mechanically locked to fabric.

VAPOR BARRIER: Black fire retardant Polyethylene material. Excellent strength at low temperatures. Will not age harden.

INSULATION: Fiberglass insulation blanket, factory wrapped.

Available in 25' boxes of 6", 8", 10", 12", 14", 16", and 18" with R6 thermal conductance
Flame spread = less than 25, Smoke developed = less than 50

Flexmaster Type 6 Acoustical Flexible Duct



LINER: An acoustically transparent Spunbond Nylon fabric allows broadband sound energy to penetrate the duct wall. Mechanically Locked without adhesives.

VAPOR BARRIER: Fire retardant reinforced aluminum material. Excellent strength at low temperatures. Will not age harden.

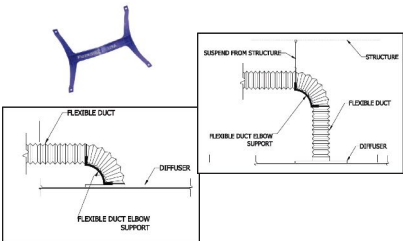
Available in 25' boxes of 6", 8", 10", 12", 14", 16", 18", and 20" with R6 thermal conductance

The insertion loss (dB) of a 6 foot length of duct when tested in accordance with ASTM E 477 at a velocity of 1000 feet per minute shall be at least:

	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ
8 inch dia.	5	10	22	34	22	17
12 inch dia.	6	27	22	28	18	11

Flexmaster FlexRight Elbow

Forms flexible duct into highly efficient 90 degree elbows. It is a Universal Mount, 1 piece fully adjustable radius forming brace to support 4" inch through 16" inch diameter flexible ducts. Nylon cable ties secure duct to duct support, (purchased separately and also available in stock)



Northwest Envirofan

Destratification Fans

- Available in 48" and 56" blade sizes
- Fan Speed Switches (for 2, 5 or 8 fans)
- 30" Extended Down Rods



Brasch Co

24V and 120V CO / NO2 Gas Detectors



- Electrochemical Sensors
- Microprocessor Controlled
- Factory Calibrated
- Static Discharge Protection
- Low Voltage Wiring
- Power Loss Fail-Safe
- Easy To Read Display
- Corrosion Resistant Enclosure
- High and Low Alert Level
- Temperature & Humidity Compensation
- Selectable Nitrogen Dioxide Low Level Setpoint
- Adjustable Alert Time Delay
- Remote Alarm Contacts
- 4-10 mA, 0-1 VDC, 0-5 VDC or 0-10 VDC Output

Aerotech

Hot Water Radiant Ceiling Panels

- Available in 24"x24" and 24"x48" Lay In Panels
- White Powder Coat Finish



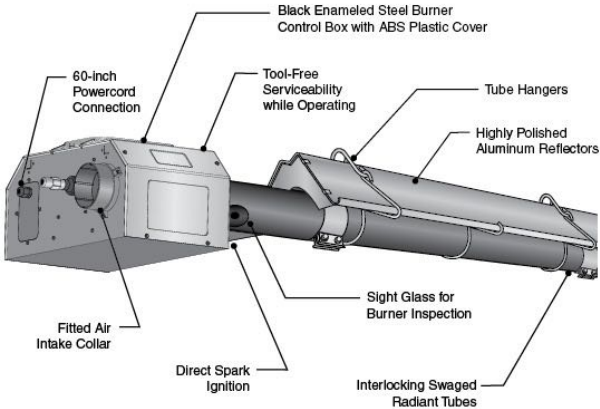
Detroit Radiant

Model DET3 Tube Heater

Streamlined for economy and designed without sacrificing performance, the DET3 Series is a quality, energy efficient heater at a more economical price. Detroit Radiant's patented two-stage technology, incorporated into the DET3 Series, provides more comfort while saving valuable energy dollars. Utilizing a direct spark ignition system and hot-rolled steel emitter tubes, this series is the best in this class of equipment.

Features:

- Tool-free access to controls.
- Serviceability while unit is operating.
- Separated air and gas burner chamber.
- Symmetrical placement of ignition tube.
- Hinged control compartment provides ease in servicing.
- 3-piece independent compartment cover.
- ABS plastic air intake collar for connection to 4" PVC/DWV pipe.



Tube Heaters	Nominal Length (Ft)	Overall Length	U-Tube Length (w/TF1B)	Typical Mounting Height	Input MBTU/H High/Low	Shipping Weight (LBS)	Power/ Control Voltage
DET3-20-75	20'	21'9"	13'1"	10'-15'	75/50	120	120V/24V
DET3-30-75	30'	31'5"	17'9"	11'-18'	75/50	160	120V/24V
DET3-30-100	30'	31'5"	17'9"	12'-20'	100/65	160	120V/24V
DET3-40-100	40'	41'1"	22'9"	12'-20'	100/65	190	120V/24V
DET3-40-125	40'	41'1"	22'9"	13'-23'	125/82	190	120V/24V
DET3-40-150	40'	41'1"	22'9"	14'-25'	150/100	190	120V/24V
DET3-50-125	50'	50'9"	27'5"	15'-27'	125/82	235	120V/24V
DET3-50-150	50'	50'9"	27'5"	15'-27'	150/100	235	120V/24V

Stock Heater Accessories and Parts Available in Stock Include:

Chain Sets (THCS), Thermostats (TH-PSD22, PSP), Wall Intake Caps (WIV-4), Sidewall and Roof Vent Kits (4-DSK, 6-DSK, RTVP-4, RTVP-6), Transformers (4000-01V), and 10' and 20' extensions with shields (10HRE, 20HRE)

Contact Air Flow for Detroit Radiant parts; we stock parts in addition to those listed above.

Model SRA Small Room Fan Forced Heaters

- Integral Thermostat with 40-85 F Range
- Built In Disconnect Switch
- Standard Recess Mount
- Surface Mount Frame Available



Model Number	Volts/Phase	Amps	Watts	BTU/HR
SRA1012DSF	120V/1	8.4	1000	3413
SRA1012DSF	120V/1	4.2	500	1706
SRA1512DSF	120V/1	12.5	1500	5120
SRA1512DSF	120V/1	6.3	750	2560
SRA2024DSF	208V/1	7.3	1500	5120
SRA2024DSF	208V/1	3.6	750	2560
SRA2024DSF	240V/1	8.4	2000	6826
SRA2024DSF	240V/1	4.2	1000	3413

Model FRC Commercial Fan Forced Wall Heaters

- Integral Thermostat with 40-90 F Range
- Disconnect, Fan Delay, Thermal Cutout
- Standard Recess Mount
- Surface Mount Frame Available
- Architectural Styling



Model Number	Volts/Phase	Amps	Watts	BTU/HR
FRC4020F	208V/1	19.2	4000	13650
FRC4020F	208V/1	9.6	2000	6825
FRC4024F	240V/1	16.7	4000	13650
FRC4024F	240V/1	8.3	2000	6825
FRC4024F	208V/1	14.4	3000	10235
FRC4024F	208V/1	7.2	1500	5120
FRC4027F	277V/1	14.4	4000	13650
FRC4027F	277V/1	7.22	2000	6825
FRC4027F	240V/1	12.5	3000	10235
FRC4027F	240V/1	6.3	1500	5120

Berko

Model SRA1000 Architectural Small Wall Heaters

- Integral Thermostat with 40-85 F Range
- Built In Disconnect Switch
- Standard Recess Mount
- Surface Mount Frame Available



Model Number	Volts/Phase	Amps	Watts	BTU/HR
SRA1012DSAF	120V/1	8.4	1000	3413
SRA1012DSAF	120V/1	4.2	500	1706
SRA1512DSAF	120V/1	12.5	1500	5120
SRA1512DSAF	120V/1	6.25	750	2560
SRA2024DSAF	208V/1	7.3	1500	5120
SRA2024DSAF	208V/1	3.61	750	2560
SRA2024DSAF	240V/1	8.4	2000	6826
SRA2024DSAF	240V/1	4.2	1000	3413
SRA2027DSAF	277V/1	7.3	2000	6826
SRA2027DSAF	277V/1	3.61	1000	3413
SRA2027DSAF	240V/1	6.25	1500	5120
SRA2027DSAF	240V/1	3.2	750	2560

Model 2500 Electric Baseboard Heaters



- Available in 2', 3', 4', 5', 6', and 8' lengths
- Dual voltage, single phase
- Thermostats available also

120V	240V
3'	2'
4'	3'
	4'
	5'
	6'
	8'



Berko

Model HUHAA Unit Heaters



- Horizontal / Vertical Unit Heater

Optional Accessories:

- Single Pole and Two Stage Thermostats
- Power Disconnect Switch (3 Pole)
- Universal Wall and Ceiling Mounting Bracket

Model Number	Volts / Phase	kW	Amps	Temp Rise	Control Ckt. Volts
HUHAA320	208V / 1	3	14.5	27	208V
HUHAA520	208V / 1-3	5	24	45	208V
HUHAA720	208V / 1-3	7.5	36	37	24V
HUHAA1020	208V / 1-3	10	48	49	24V
HUHAA324	208/240V / 1	2.2 / 3	11 / 12.5	27	208/240V
HUHAA724	208/240V / 1-3	5.6 / 7.5	27 / 31.3	37	24V
HUHAA1024	208/240V / 1-3	7.5 / 10	36 / 42	49	24V
HUHAA327	277V / 1	3	11	27	277V
HUHAA527	277V / 1	5	18	45	277V
HUHAA348	480V / 3	3	3.6	27	24V
HUHAA548	480V / 3	5	6	45	24V
HUHAA748	480V / 3	7.5	9	37	24V
HUHAA1048	480V / 3	10	12	49	24V
HUHAA2048	480V / 3	20	24	48	24V

Broan

Model 174 Electric Wall Heaters



- Front Mounted Thermostat
- Standard Recess Mount
- Surface Mount Frame Available



Model Number	Volts	Amps	Watts	BTU/HR
174	120V	6.2	750	2560
	120V	12.5	1500	5120
	208V	5.41	1125	3840
	240V	6.25	1500	5120

Acudor

Model UF-5000 Drywall Access Doors



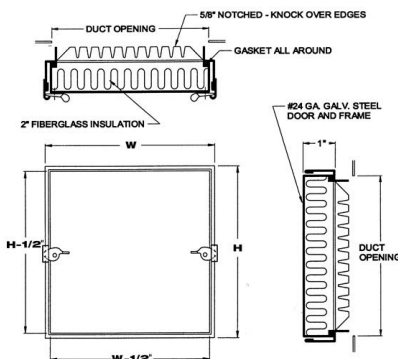
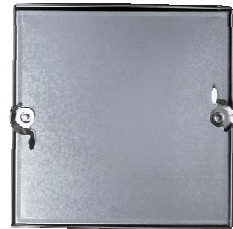
- Universal flush access door for walls and ceilings; designed for installation in drywall, plaster, masonry, tile or any flush surface.
- The door panel features rounded safety corners, which provide an architecturally pleasing appearance.
- The one-piece trim flange will not rack, sag or distort.
- The unique continuous concealed hinge will not bind or corrode, allowing the door to operate freely time and time again.
- For easy installation, the mounting frame is 1 1/4" deep, giving maximum clearance behind the door frame.

Available in sizes:

- 12"x12"
- 18"x18"
- 24"x24"

Model CD-5080 Duct Access Doors

- Removable, Insulated door panel, along with gasketing between the door and frame
- 5/8" notched knock over tabs on the inside of the frame provide for easy installation
- These doors are designed for use in low to medium pressure up to 3" static W.G.



Available in sizes:

- 6"x6"
- 8"x8"
- 12"x12"
- 14"x14"
- 16"x16"
- 18"x18"
- 24"x24"

Fraser Johnston

Packaged Cooling and Heating Rooftop Units

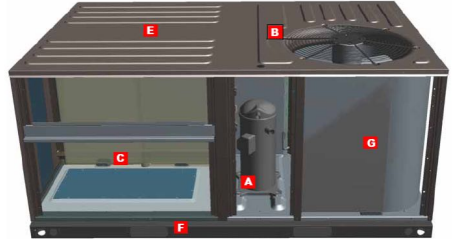
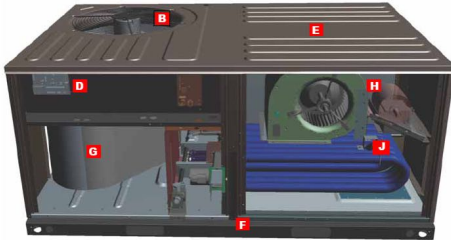
- Fits most existing curbs without needing an adapter
- Advanced scroll compressor design uses fewer moving parts for a quieter, more reliable and efficient system.
- Indoor and outdoor fans are dynamically balanced for better performance and reliability
- Embossed top cabinet panels provide increased structural support and rigidity. Powder paint exterior finish provides better corrosion protection than prepainted steel.
- Designed, engineered and assembled in the United States
- Simplicity® Smart Equipment™ ensures easier installation, startup and troubleshooting versus electromechanical controls.



Tonnage	MBH	Voltage
3 Ton	112 MBH	230V
5 Ton	145 MBH	230V
5 Ton	145 MBH	460V
6 Ton	145 MBH	230V
7.5 Ton	220 MBH	460V
10 Ton	250 MBH	230V
10 Ton	250 MBH	460V
12.5 Ton	250 MBH	230V
12.5 Ton	250 MBH	460V

Fraser Johnston

Cooling With Gas Heat (3 Through 5 Ton)



- A - All models utilize a scroll compressor that are environmentally friendly by utilizing R-410A refrigerant.
- B - Balanced outdoor fan design makes for a quieter unit
- C- No tools required for easy field conversion of the filter rack to accommodate either 2" or 4" filters. Units will ship with MERV 4 throwaway filters standard; however MERV 8 and MERV 13 filters can be easily added through the tool-free filter access panel to meet LEED requirements.
- D - Units will come with the new state of the art Smart Equipment™ control system.
- E - Each unit is designed with an embossed top to increase structural support and ensure rigidity. The unit has a powder paint exterior finish including a industry leading 1000 hour salt spray rating. All units are painted with a long lasting, powder paint that stands up over the life of the unit.
- F - Full Perimeter base rail that fits on many existing curbs
- G - All units utilize Micro-Channel "all-aluminum" condenser coils that provides improved heat transfer capabilities and reduced refrigerant charge volumes. This equates to all units meeting LEED EA Credit 4 Requirements for Enhanced Refrigerant Management.
- H - Rigid Mounted Blower Assembly
- J - The two stage gas heating offers ultimate heating comfort with a balance between 1st and 2nd stage gas heating. The first stage of a two stage gas heat option provides approximately 70% of the heating capacity in all 3-12.5 tons two stage gas heat models.



Available with:

- Mobile Access Portal Device (MAP Gateway)

The MAP Gateway is a pocket-sized portable web server that turns the screen of your PC or mobile device into the local unit's display. It has a user-friendly look and feel that makes interacting with building automation equipment controls as simple as possible.

**For non-stock rooftop units, contact Ron Hartzheim at
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New customer?

Contact Randy Allen, Warehouse Manager, at

414.265.6824

Current customer?

Please contact your salesperson with any questions.

Checking availability?

Contact Kevin at 414.351.7754

Or John at 414.351.7768

