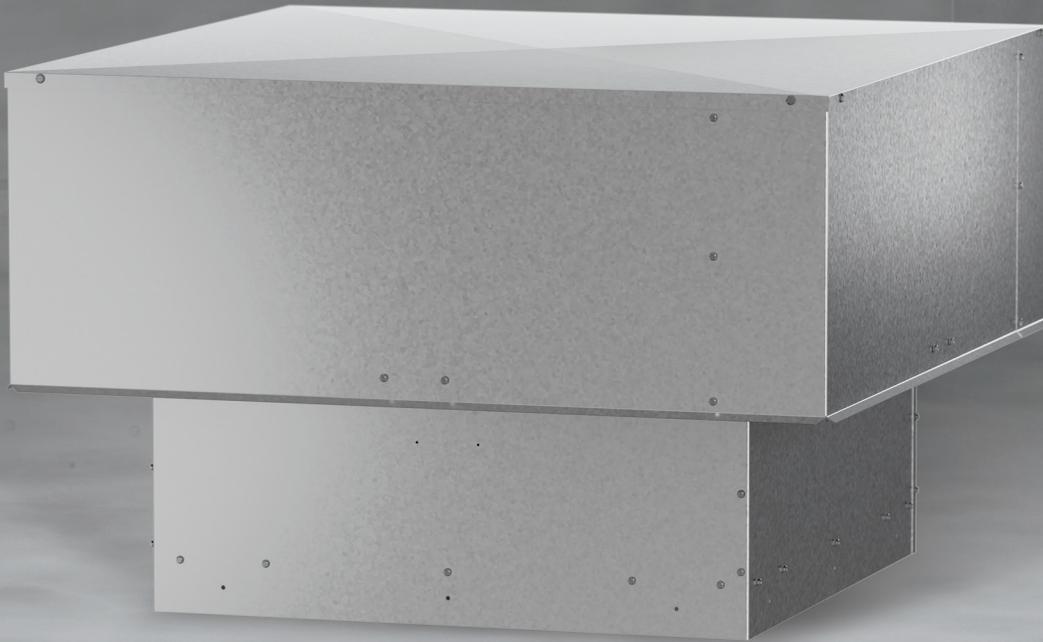


Centrifugal Roof Supply Fan Model RSF

Forward-Curved • Belt Drive



BUILDING VALUE IN AIR.



October
2023

Model Comparison																									
Model	Location		Mounting					Airflow				Application						Drive Type		Impeller Type			Performance		
	Outdoor	Indoor	Roof Curb	Base/Floor	Hanging	Wall	Ceiling Mounted	Exhaust	Supply	Reversible	Recirculate	General/Clean Air	Contaminated Air	Spark Resistant	Grease	Smoke Control	High Wind	High Temp (above 200°F)	Seismic Certification	Belt	Direct	Centrifugal	Propeller/Axial	Mixed Flow	Maximum Volume (cfm)
RSF	✓		✓					✓			✓					✓		✓	✓		✓			14,300	2

Greenheck’s model RSF centrifugal belt drive fans offer high efficiency and low sound levels and are specifically designed for filtered roof supply applications. Fans are suitable for non-tempered kitchen, make-up air or building supply air. Fans provide unrestricted airflow and maximum weather protection.

- Performance as cataloged is assured. All fan sizes are tested in our AMCA Accredited Laboratory and are licensed to bear the AMCA air and FEI seal.
- Performance up to 2 in. wg and up to 14,300 cfm. Stable performance down to 700 cfm.
- UL Listed for Electrical.
- Certified for High Wind/Seismic Applications.
- Fans feature a double-width forward-curved wheel providing high efficiency and low sound levels.
- Housing consists of heavy-gauge straight-sided galvanized steel for excellent weather protection. Also available in aluminum construction.



- Fans feature permanent washable aluminum filters for years of reliable use.
- Each fan displays a permanently stamped metal nameplate with complete model number, mark and unique serial number for future identification.

Turn to Greenheck’s roof supply fans to meet your requirements for applications in office buildings, educational facilities, warehouses and health care facilities.

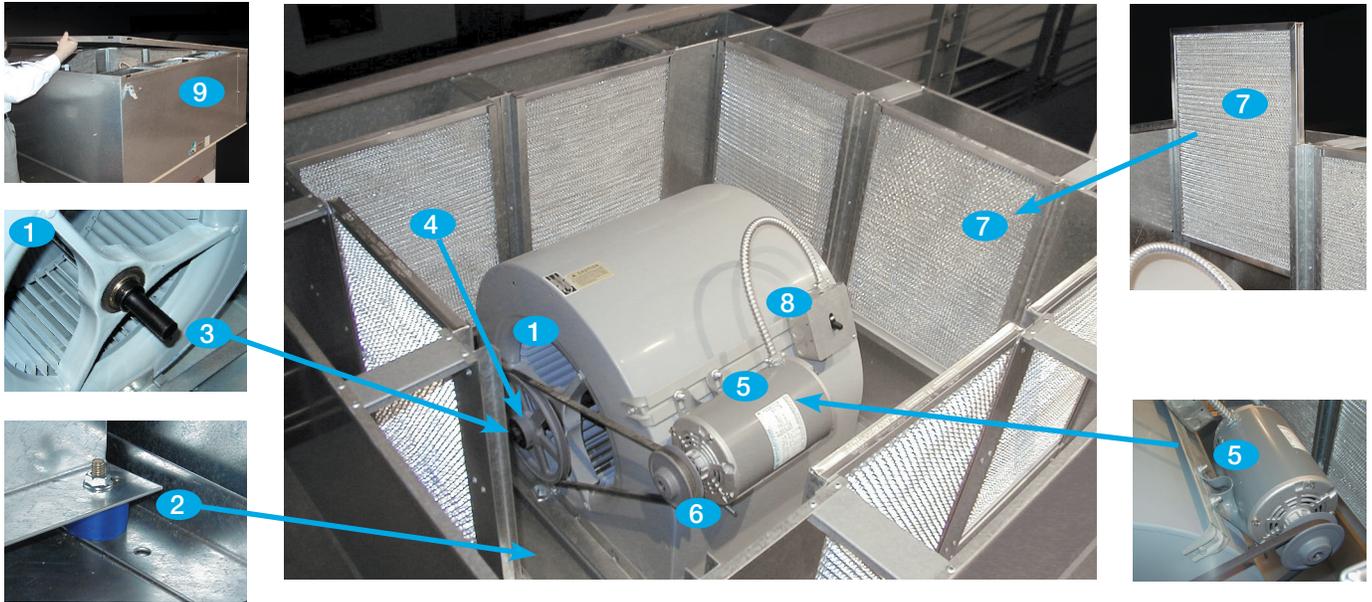


Greenheck Fan Corporation certifies that the RSF model shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



UL/cUL 705
Listed for Electrical
File no. E40001

UL electrical is optional and must be specified



1 Steel Wheel

Double-width forward-curved centrifugal steel wheel is utilized to generate high efficiency and minimal sound.

2 Vibration Isolation

Double-studded vibration isolators support the drive assembly and wheel for long life and quiet operation.

3 Fan Shaft

Fan shafts are precisely sized, ground and polished so the first critical speed is at least 25 percent over the maximum operating speed.

4 Bearings

100 percent factory-tested bearings are designed specifically for air handling applications with a minimum L_{10} life in excess of 100,000 hours (L_{50} average life in excess of 500,000 hours).

5 Motor

All motors are carefully matched to the fan load to provide years of trouble-free operation. [Drive Frame](#) - Screw adjustment allows the drive frame mount to pivot for ease of maintaining proper belt tension.

6 Drive Assembly

Drives are sized for a minimum of 150 percent of driven horsepower. Machined cast iron pulleys are factory set to the required RPM and adjustable for final system balancing. Belts are static free and oil resistant.

7 Filters

Permanent, washable aluminum one-inch filters are standard. Filter racks are designed to allow filters to slide out vertically for easy removal. Two-inch filters are available.

8 Disconnect Switch

NEMA-1 switch is factory mounted and wiring is provided from the motor to the disconnect enclosure as standard. All wiring and electrical components comply with the National Electrical Codes and are UL Listed or Recognized. Other NEMA enclosure disconnect switches are optional.

9 Hood Cover

Easily removed for access to motor compartment and drive assembly; constructed of galvanized steel.

[Curb Cap with Mounting Holes](#)

Curb cap has prepunched mounting holes to ensure correct attachment to the roof.

[Nameplate](#)

Permanent stamped aluminum plate for model and serial number identification.

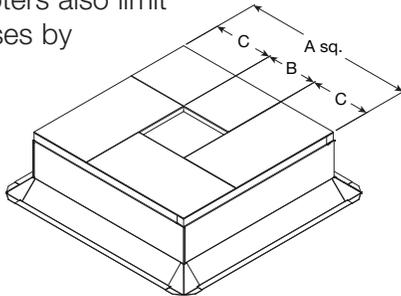
Roof Curbs - Prefabricated roof curbs reduce installation time and costs by ensuring compatibility between the fan, the curb, and the roof opening. All curbs are available with one-inch, two-inch, or no insulation. A wide variety of roof curbs are available including: flanged, pitched, and sound-absorbing.



Curb Extension - Extensions raise the fan discharge above the roofline and provide an accessible mounting location for dampers. Insect screen bases are constructed with a removable fine mesh and recommended for applications where insect entry must be prevented.



Duct Adapters - Duct adapters fit over the roof curb and support the top of the duct allowing ductwork to be completed before the fan is set in place. Duct adapters also limit performance losses by directing airflow into the duct.



Fan Size	A	B	C
90	24-1/2	12-1/4	6-1/8
100	28-1/2	14-1/4	7-1/8
120	32-1/2	18-1/4	7-1/8
150	38-1/2	20-1/4	9-1/8
180	44-1/2	26-1/4	9-1/8
200	50-1/2	30-1/4	10-1/8

Dimensions in inches.

Dampers - Designed to prevent outside air from entering back into the building when fan is off. Flangeless intake dampers are designed for horizontal mounting inside ductwork. Options include either gravity or motorized dampers. Damper sizes are shown on each performance data page.



Disconnect Switches -

A wide selection of NEMA rated switches are available for positive electrical shutoff and safety including: general, dust-tight, rainproof, and corrosion-resistant. Switches may be internally or externally mounted.



Motor Starters - The fundamental function of a motor starter is to protect the motor from damage that can occur from overcurrent. With a Greenheck motor starter, you will be provided with the best motor protection available.



Specific model components may include: real-time current monitoring technology, physical interface, overload protection, disconnect, magnetic contactor, NEMA-1 or NEMA-3R steel enclosures and pre-engineered easy system integration. For complete information on specific Greenheck motor starter models refer to greenheck.com.

Coatings - A wide variety of coatings and colors are available. Greenheck coatings and resistance charts can be found in the Performance Coatings Commercial and Industrial Fans color chart and in our Coatings Application Guide.



Permatector™ is our standard coating. Typically used for applications that require corrosion resistance in indoor and outdoor environments. Color is RAL 7023 concrete grey.



Hi-Pro Polyester is resistant to salt water, chemical fumes and moisture in more corrosive atmospheres. It has superior chemical resistance, excellent abrasion and outdoor UV protection. This coating has protective qualities that exceed Air Dry Heresite. Color RAL 7023 concrete grey is standard; choose from seven standard decorative colors or color match any color.



Seismic

With changes in building codes and standards, more equipment is being required to be seismically certified in areas of the country not commonly thought of as being in seismically active zones.

The International Building Code (IBC) is designed to provide model code regulations that safeguard public health and safety in all U.S. communities. This code is intended to improve the performance and design of nonstructural systems subject to seismic events.

The State of California, one of the most active seismic areas in the United States, has the Department of Health Care Access and Information (HCAI) to regulate the design and construction of healthcare facilities to ensure they are safe and capable of providing services to the public after a seismic event. HCAI developed their own unique certification process to incorporate the IBC and ASCE testing standards to ensure equipment remains operable after a seismic event.

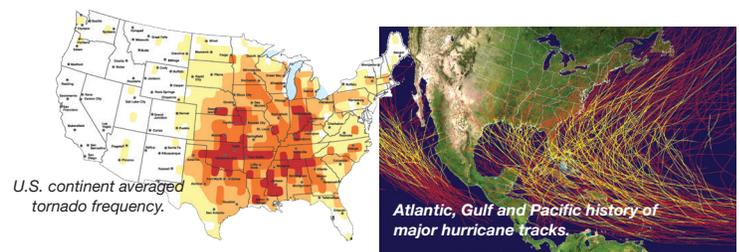


Protocols designed for seismic standards:

Seismic Testing Criteria	Certified models have been tested using the most severe seismic event that is found on the Spectral Response Map per IBC Figures 1613.5 (1-2). Testing is performed under the worst-case scenario using the highest mapped seismic load, highest level occupancy category, worst-case site class, and highest code mandated importance factor.
California HCAI Test Protocols	California Department of Health Care Access and Information (HCAI) requires all certified models be shake table tested in accordance with ICC ES AC-156, in which the fans are physically subjected to the same or greater forces than they will see during a seismic event.
HCAI Certification	The HCAI certification numbers and supporting documents can be viewed on HCAI's website ensuring that the fan has been subjected to and passed rigorous testing standards.

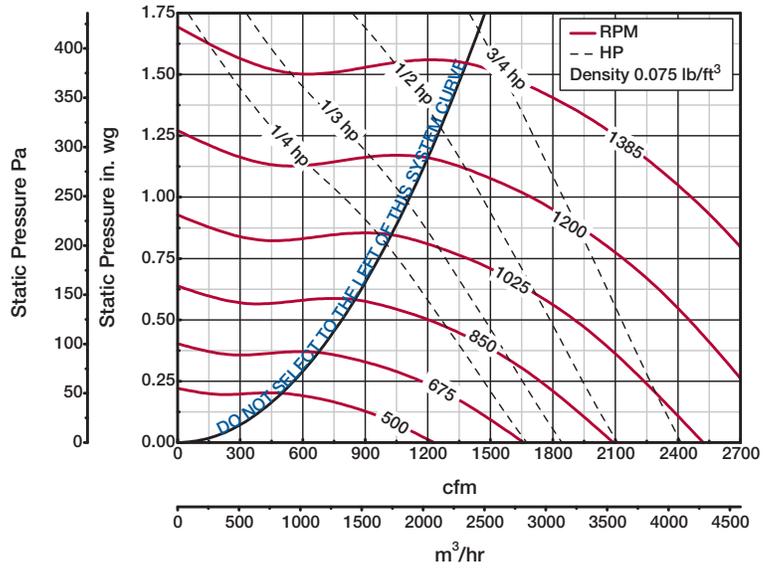
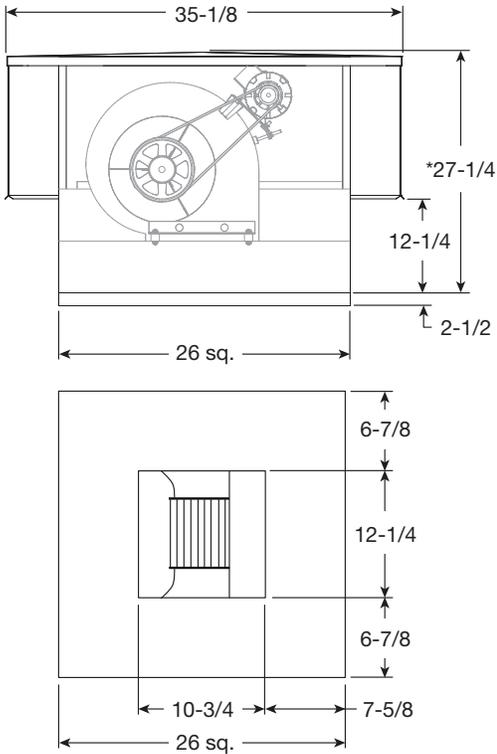
High Wind and Hurricane

Greenheck is leading the High Wind Standard for rooftop fans and ventilators. Forceful winds and wind-borne debris are the cause of most hurricane damage. Hurricane winds start at 75 mph and can exert a force of 75 pounds per square foot of pressure—or over 900 pounds on a fan and curb. Forceful winds are not the only problem; wind-borne debris can also cause detrimental effects to objects and structures. High winds and extreme forces are the cause of most storm damage. By analyzing calculations, computer simulations, actual testing, and other standards—Greenheck developed the High Wind Standard.



Protocols designed to protect against wind-borne debris and severe wind loads:

Structural Performance Load	A static load that is 1.5 times the design load (60 pounds per square foot of pressure) is applied both positively and negatively to simulate wind force loads in each direction. Structural Performance per Dade County Protocol TAS-202 (ASTM-E330).
Miami-Dade County Test Protocols	Model RSF is certified by an independent third party to the ASTM E-330 Static Pressure Difference Standard, Florida Building Code Test Protocol TAS-201 (large missile impact), 202 (static pressure difference) and 203 (cyclic pressure) Static Pressure Difference.
Miami-Dade NOA Numbers	View the RSF NOA and certification documentation on the Miami-Dade website.
Florida Product Approval	Florida Product Approval ensures that products which have been approved can be used anywhere in the State of Florida which are not governed by the Miami-Dade County high wind regulations. View the RSF FLPA number on the Florida Building Code website.
State Licensed P.E. Calculations	Structural calculations performed by a licensed Professional Engineer (P.E.) on model RSF include Finite Element Analysis (FEA) and a stamped P.E. report of the fans compliance to ASCE 7-05 Minimum Design Loads for Buildings and Other Structures Standard and the Florida Building Code. The ASCE 7-05 Standard meets the IBC, Florida and Miami-Dade codes.

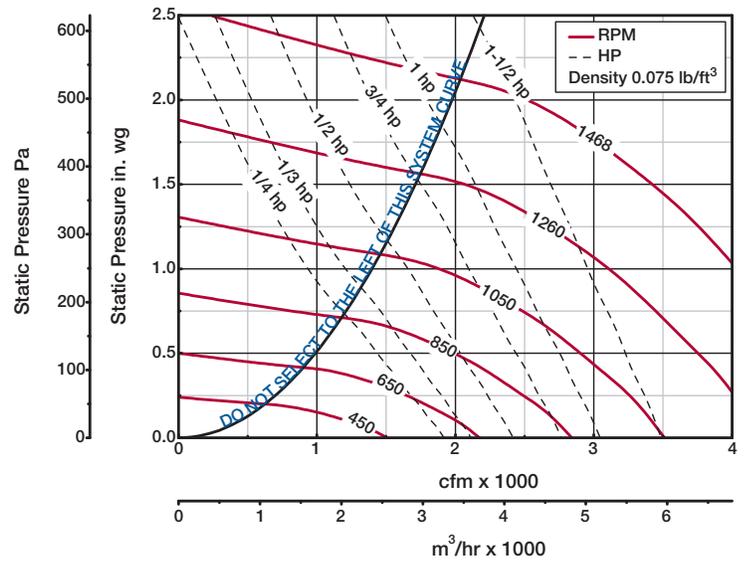
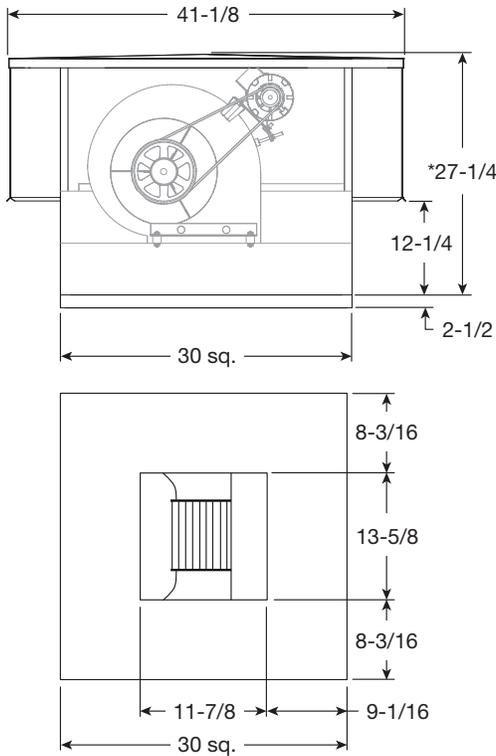


Damper Size = 12 x 12
 Filter Size = 12 x 20
 Unit Weight[^] = 145 lbs.
 Roof Opening = 15 x 15
 Filter Quantity = 4

All dimensions in inches. *Dimension may be greater depending on motor.
[^]Weight shown is largest cataloged Open Drip Proof motor.

Model Number	Fan CFM		Static Pressure in Inches wg																			
			0.125	0.25	0.375	0.5	0.625	0.75	0.875	1.0	1.25	1.5										
RSF-90	700	RPM	447	575	683																	
		BHP	0.04	0.06	0.08																	
		Sones	2.4	5.6	7.7																	
	860	RPM	488	603	704	796																
		BHP	0.06	0.08	0.11	0.14																
		Sones	3.2	6.9	7.9	7.6																
	1020	RPM	533	639	732	818	897	971														
		BHP	0.08	0.11	0.14	0.17	0.21	0.24														
		Sones	4.5	8.5	8.1	7.9	7.9	8.2														
	1180	RPM	586	679	766	846	921	991	1058	1121												
		BHP	0.12	0.15	0.19	0.22	0.26	0.29	0.33	0.37												
		Sones	6.6	8.7	8.4	8.3	8.3	8.9	10.0	11.2												
	1340	RPM	640	724	804	880	949	1017	1080	1142	1256											
		BHP	0.17	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.53											
		Sones	9.2	9.1	8.9	8.8	8.8	9.7	10.7	12.0	14.9											
	1500	RPM	696	773	847	917	984	1046	1108	1166	1277	1380										
		BHP	0.22	0.26	0.31	0.35	0.39	0.43	0.48	0.52	0.62	0.72										
		Sones	9.7	9.6	9.5	9.5	9.7	10.5	11.6	12.8	15.6	19.3										
	1660	RPM	754	826	892	958	1021	1082	1139	1194	1301											
		BHP	0.29	0.34	0.38	0.43	0.48	0.52	0.57	0.62	0.72											
		Sones	10.4	10.4	10.3	10.3	10.9	11.6	12.5	13.7	16.6											
1820	RPM	813	880	941	1003	1062	1119	1175	1227													
	BHP	0.37	0.43	0.47	0.52	0.57	0.63	0.68	0.73													
	Sones	11.2	11.2	11.2	11.6	12.1	12.9	13.7	14.7													
1980	RPM	873	935	994	1048	1106	1159															
	BHP	0.47	0.53	0.58	0.63	0.69	0.74															
	Sones	12.3	12.2	12.4	12.8	13.4	14.2															
2140	RPM	934	991	1047	1099																	
	BHP	0.59	0.64	0.70	0.76																	
	Sones	13.3	13.4	13.7	14.2																	
2300	RPM	995	1048																			
	BHP	0.72	0.78																			
	Sones	14.5	14.7																			

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.

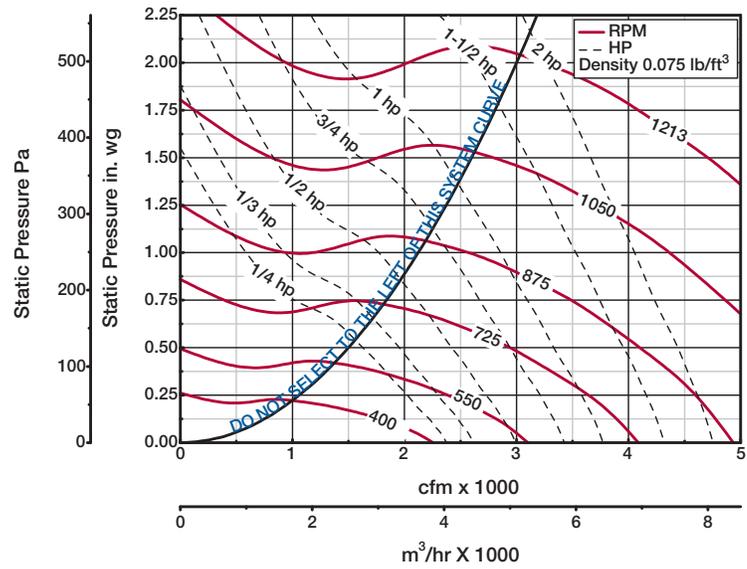
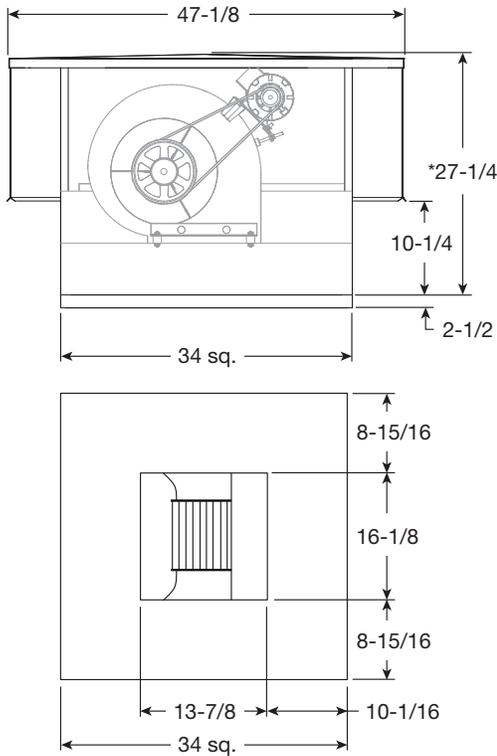


Damper Size = 14 x 14
 Filter Size = 14 x 25
 Unit Weight[^] = 173 lbs.
 Roof Opening = 17 x 17
 Filter Quantity = 4

*All dimensions in inches. *Dimension may be greater depending on motor.
[^]Weight shown is largest cataloged Open Drip Proof motor.*

Model Number	Fan CFM		Static Pressure in Inches wg																					
			0.125	0.25	0.375	0.5	0.75	1.0	1.25	1.5	1.75	2.0												
RSF-100	700	RPM	377	504																				
		BHP	0.03	0.05																				
		Sones	2.0	4.2																				
	970	RPM	421	530	626																			
		BHP	0.06	0.08	0.11																			
		Sones	2.7	5.0	7.8																			
	1240	RPM	476	572	656	733	875																	
		BHP	0.10	0.13	0.16	0.19	0.27																	
		Sones	3.8	6.3	9.3	11.2	10.2																	
	1510	RPM	539	622	699	768	897	1016																
		BHP	0.16	0.20	0.24	0.27	0.35	0.44																
		Sones	5.6	8.2	11.8	11.4	10.8	10.9																
	1780	RPM	605	679	748	813	931	1040	1143	1239														
		BHP	0.24	0.29	0.33	0.38	0.47	0.56	0.66	0.77														
		Sones	8.1	11.3	12.3	11.9	11.4	11.9	13.9	16.3														
	2050	RPM	676	742	803	862	973	1074	1170	1259	1348	1431												
		BHP	0.35	0.40	0.46	0.51	0.61	0.72	0.83	0.93	1.06	1.19												
		Sones	11.7	13.1	12.9	12.6	12.2	13.1	15.0	17.3	20	23												
	2320	RPM	747	807	864	917	1020	1116	1204	1291	1371	1450												
		BHP	0.49	0.55	0.61	0.67	0.78	0.91	1.03	1.15	1.27	1.40												
		Sones	14.0	13.9	13.7	13.6	13.5	14.6	16.3	18.5	21	24												
	2590	RPM	821	875	927	977	1072	1162	1247	1326	1405													
		BHP	0.67	0.74	0.80	0.87	1.00	1.13	1.27	1.40	1.54													
		Sones	15.1	15.0	14.8	14.7	15.3	16.5	18.0	19.9	23													
2860	RPM	898	945	993	1040	1127	1212	1293																
	BHP	0.89	0.96	1.03	1.10	1.25	1.40	1.54																
	Sones	16.4	16.4	16.3	16.4	17.2	18.4	19.9																
3130	RPM	975	1016	1061	1105	1187																		
	BHP	1.15	1.23	1.31	1.38	1.54																		
	Sones	18.0	17.9	18.1	18.3	19.2																		
3400	RPM	1053	1089																					
	BHP	1.47	1.54																					
	Sones	19.7	19.8																					

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.



Damper Size = 18 x 18
 Filter Size = 16 x 25
 Unit Weight[^] = 225 lbs.

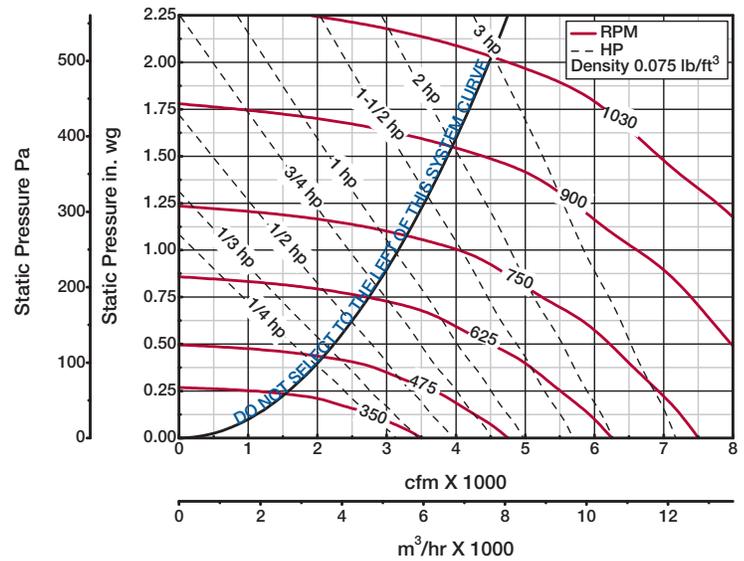
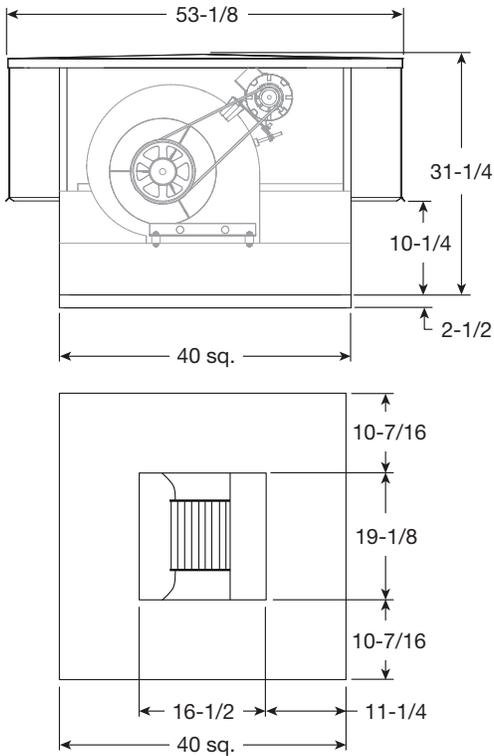
Roof Opening = 21 x 21
 Filter Quantity = 4

All dimensions shown in inches. *Dimension may be greater depending on motor.
[^]Weight shown is largest cataloged Open Drip Proof motor.

Model Number	Fan CFM		Static Pressure in Inches wg																					
			0.125	0.25	0.375	0.5	0.75	1.0	1.25	1.375	1.5	1.75												
RSF-120	1150	RPM	330	430																				
		BHP	0.06	0.09																				
		Sones	3.0	5.0																				
	1495	RPM	366	454	532																			
		BHP	0.10	0.14	0.18																			
		Sones	4.4	6.6	9.4																			
	1840	RPM	409	487	557	622	737																	
		BHP	0.16	0.20	0.25	0.30	0.41																	
		Sones	6.1	8.5	10.0	10.5	11.3																	
	2185	RPM	456	526	590	649	757	853																
		BHP	0.24	0.30	0.35	0.41	0.53	0.66																
		Sones	8.1	10.4	10.9	11.3	12.1	13.1																
	2530	RPM	506	569	627	682	781	874	958	999														
		BHP	0.35	0.42	0.48	0.55	0.68	0.82	0.96	1.04														
		Sones	10.7	11.7	12.2	12.5	13.0	14.0	15.2	15.9														
	2875	RPM	559	616	669	718	813	898	981	1019	1056	1128												
		BHP	0.50	0.57	0.64	0.71	0.87	1.01	1.18	1.26	1.34	1.51												
		Sones	12.3	13.1	13.7	14.0	14.3	14.8	16.0	16.6	17.3	18.8												
	3220	RPM	615	664	713	760	847	930	1005	1042	1079	1148												
		BHP	0.68	0.75	0.84	0.92	1.08	1.26	1.42	1.51	1.61	1.79												
		Sones	14.1	14.9	15.6	15.9	15.6	15.8	16.8	17.4	18.0	19.4												
	3565	RPM	671	714	760	803	885	963	1036	1071	1104													
		BHP	0.91	0.99	1.08	1.17	1.35	1.53	1.72	1.82	1.90													
		Sones	16.2	16.9	17.6	17.5	16.9	17.0	17.6	18.1	18.7													
3910	RPM	728	766	808	849	927	997	1069																
	BHP	1.18	1.27	1.36	1.46	1.67	1.85	2.06																
	Sones	18.6	19.2	18.9	18.5	17.9	18.0	18.6																
4255	RPM	786	821	858	897	969																		
	BHP	1.51	1.60	1.70	1.80	2.03																		
	Sones	21	20	19.6	19.2	18.9																		
4600	RPM	845	877	910																				
	BHP	1.89	1.99	2.09																				
	Sones	21	21	20																				

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.

RSF-150



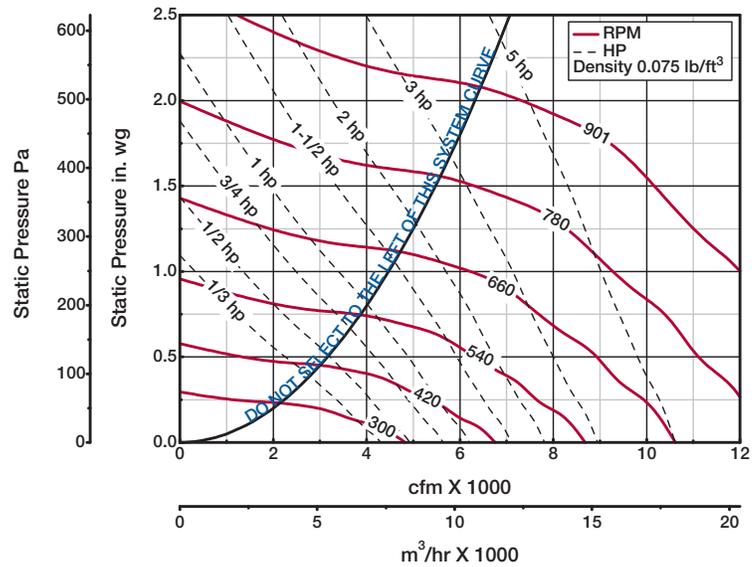
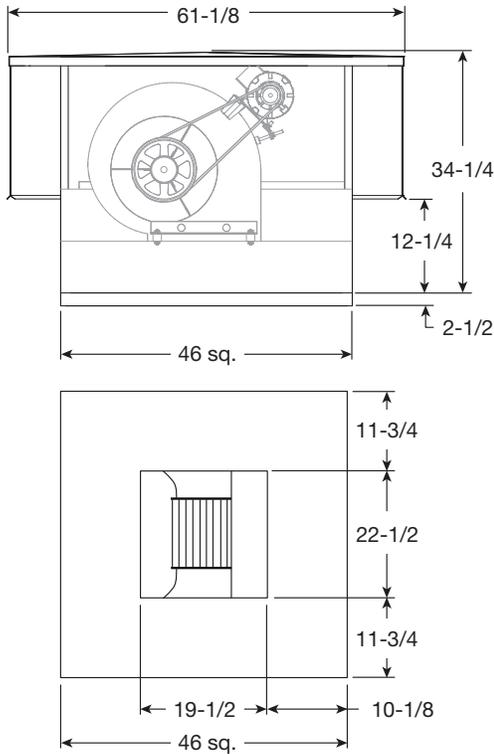
Damper Size = 20 x 20
 Filter Size = 16 x 20
 Unit Weight[^] = 336 lbs.
 Roof Opening = 23 x 23
 Filter Quantity = 8

All dimensions shown in inches (millimeters).
[^]Weight shown is largest cataloged Open Drip Proof motor.

Model Number	Fan CFM		Static Pressure in Inches wg																					
			0.125	0.25	0.375	0.5	0.75	1.0	1.25	1.375	1.5	1.75												
RSF-150	1625	RPM	274	362																				
		BHP	0.08	0.13																				
		Sones	6.6	7.6																				
	2145	RPM	306	381	449																			
		BHP	0.14	0.21	0.27																			
		Sones	7.6	8.4	9.5																			
	2665	RPM	340	410	468	524																		
		BHP	0.23	0.31	0.39	0.47																		
		Sones	9.0	9.7	10.3	11.2																		
	3185	RPM	382	443	498	545	639	723																
		BHP	0.35	0.45	0.54	0.63	0.83	1.04																
		Sones	10.6	11.5	11.7	12.2	14.9	16.3																
	3705	RPM	425	477	530	576	659	739	813															
		BHP	0.52	0.62	0.74	0.85	1.06	1.29	1.54															
		Sones	12.4	13.1	13.3	14.0	16.6	17.3	18.0															
	4225	RPM	471	517	564	609	687	759	830	863	896	957												
		BHP	0.73	0.85	0.98	1.11	1.36	1.60	1.86	1.99	2.14	2.42												
		Sones	13.9	14.6	15.3	16.2	17.9	18.4	19.2	19.5	19.8	20												
	4745	RPM	517	560	598	642	719	785	850	882	913	972												
		BHP	1.00	1.14	1.27	1.42	1.71	1.98	2.26	2.41	2.55	2.84												
		Sones	15.8	16.7	17.6	18.6	19.4	19.7	20	21	21	22												
	5265	RPM	564	604	640	676	751	817	875	903	933													
		BHP	1.33	1.49	1.64	1.78	2.11	2.43	2.72	2.86	3.03													
		Sones	18.1	19.2	20	21	21	21	22	22	22	22												
5785	RPM	612	649	683	715	785	849																	
	BHP	1.72	1.90	2.07	2.23	2.59	2.94																	
	Sones	21	22	22	22	23	23																	
6305	RPM	661	695	727	758	819																		
	BHP	2.19	2.39	2.58	2.76	3.12																		
	Sones	24	24	24	24	24																		
6800	RPM	708	739	770																				
	BHP	2.72	2.93	3.14																				
	Sones	26	26	26																				

MAXIMUM RPM - 1030
 MAXIMUM MOTOR FRAME SIZE - 184T AVERAGE
 OUTLET VELOCITY (ft/min.) - cfm/2.19

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.



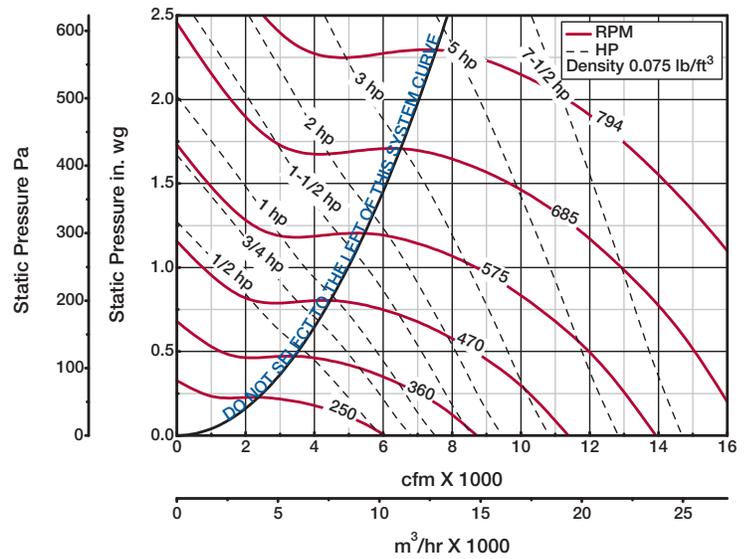
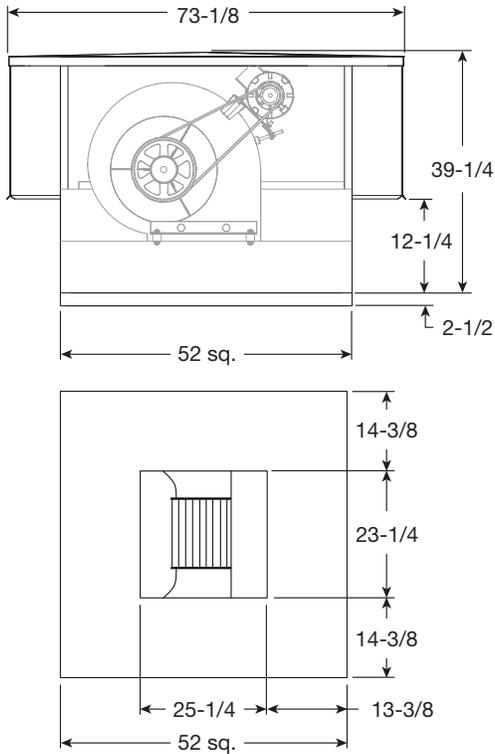
Damper Size = 26 x 26
 Filter Size = 16 x 20
 20 x 20
 Unit Weight[^] = 400 lbs.

Roof Opening = 29 x 29
 Filter Quantity = 4
 4

All dimensions shown in inches (millimeters).
[^]Weight shown is largest cataloged Open Drip Proof motor.

Model Number	Fan CFM		Static Pressure in Inches wg																					
			0.125	0.25	0.375	0.5	0.75	1.0	1.25	1.5	1.75	2.0												
RSF-180	2450	RPM	241	317																				
		BHP	0.13	0.20																				
		Sones	3.4	4.7																				
	3245	RPM	274	334	393	444																		
		BHP	0.23	0.32	0.41	0.51																		
		Sones	4.7	5.6	6.9	8.0																		
	4040	RPM	310	363	411	459	544																	
		BHP	0.38	0.49	0.60	0.71	0.96																	
		Sones	6.5	7.5	8.1	9.1	11.8																	
	4835	RPM	350	398	440	480	560	632																
		BHP	0.60	0.73	0.86	0.98	1.26	1.56																
		Sones	8.8	9.6	10.0	10.7	13.3	15.0																
	5630	RPM	394	434	475	510	579	647	711	768														
		BHP	0.90	1.05	1.20	1.34	1.64	1.97	2.32	2.64														
		Sones	11.3	11.8	12.3	13.1	15.2	16.2	17.0	17.8														
	6425	RPM	436	473	511	545	605	667	727	784	837	886												
		BHP	1.27	1.45	1.63	1.80	2.12	2.48	2.85	3.25	3.63	4.00												
		Sones	13.6	14.1	15.0	15.8	17.2	17.5	18.3	19.2	20	21												
	7220	RPM	478	516	547	581	639	691	747	799	852													
		BHP	1.74	1.96	2.16	2.35	2.72	3.08	3.49	3.89	4.35													
		Sones	16.3	17.0	17.8	19.0	19.1	19.3	19.8	21	22													
	8015	RPM	523	560	587	617	674	724	770	821	869													
		BHP	2.33	2.58	2.80	3.02	3.44	3.85	4.24	4.70	5.15													
		Sones	19.3	20	21	21	21	21	22	22	23													
8810	RPM	570	601	630	654	710	758	803																
	BHP	3.05	3.31	3.57	3.80	4.28	4.74	5.19																
	Sones	23	23	23	23	23	23	24																
9605	RPM	618	644	674	697																			
	BHP	3.92	4.18	4.47	4.74																			
	Sones	25	25	25	25																			
10400	RPM	666	687																					
	BHP	4.94	5.19																					
	Sones	27	27																					

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.



Damper Size = 30 x 30
 Filter Size = 20 x 25
 Unit Weight[^] = 620 lbs.

Roof Opening = 33 x 33
 Filter Quantity = 8

All dimensions in inches.

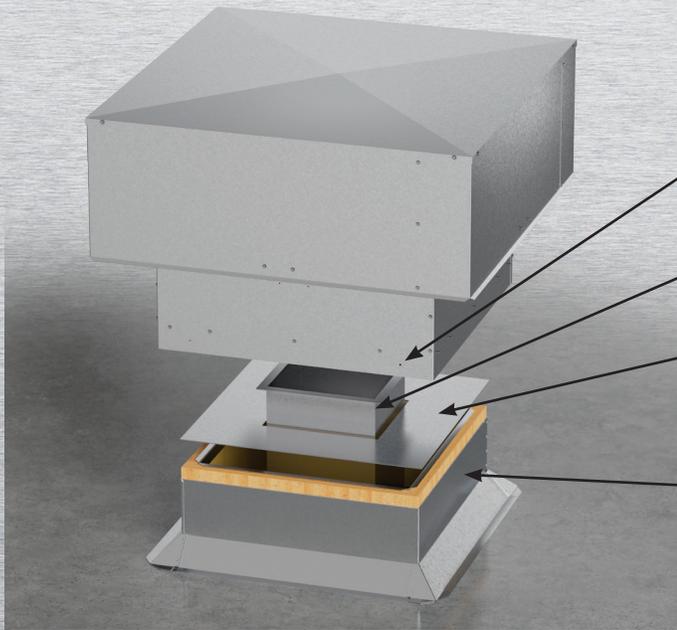
[^]Weight shown is largest cataloged Open Drip Proof motor.

Model Number	Fan CFM		Static Pressure in Inches wg																						
			0.125	0.25	0.5	0.75	1.0	1.25	1.375	1.5	1.75	2.0													
RSF-200	2900	RPM	200	266																					
		BHP	0.13	0.20																					
		Sones	2.8	3.9																					
	4040	RPM	227	282	374																				
		BHP	0.25	0.34	0.56																				
		Sones	4.0	4.7	7.3																				
	5180	RPM	261	307	389	462	525																		
		BHP	0.45	0.57	0.82	1.10	1.40																		
		Sones	5.6	6.3	8.5	10.5	12.7																		
	6320	RPM	299	339	411	476	536	592	618	643															
		BHP	0.75	0.89	1.18	1.50	1.83	2.20	2.38	2.56															
		Sones	7.5	8.4	10.3	11.9	14.0	16.7	17.3	17.4															
	7460	RPM	341	374	438	497	553	603	629	654	700	744													
		BHP	1.17	1.34	1.66	2.02	2.40	2.76	2.97	3.20	3.63	4.06													
		Sones	10.1	11.2	12.6	13.7	15.8	18.2	18.4	18.6	19.0	19.5													
	8600	RPM	384	412	469	523	574	622	646	668	711	755													
		BHP	1.72	1.93	2.31	2.70	3.10	3.53	3.75	3.96	4.39	4.91													
		Sones	13.5	14.3	15.1	16.4	18.1	19.6	19.8	20	20	21													
	9740	RPM	428	452	503	553	600	644	665	687	729	768													
		BHP	2.44	2.67	3.10	3.54	3.99	4.45	4.66	4.92	5.42	5.90													
		Sones	16.7	17.0	18.0	19.4	21	21	21	22	22	22													
	10880	RPM	473	494	540	585	628	670	691	710	748	787													
		BHP	3.33	3.60	4.10	4.57	5.05	5.57	5.83	6.08	6.58	7.15													
		Sones	19.6	20	21	23	23	23	23	23	24	24													
12020	RPM	518	538	578	619	660	698	717	737																
	BHP	4.42	4.72	5.29	5.80	6.35	6.87	7.14	7.44																
	Sones	23	24	25	26	25	25	25	26																
13160	RPM	563	582	617	656	692																			
	BHP	5.74	6.07	6.70	7.29	7.84																			
	Sones	27	28	28	28	28																			
14300	RPM	609	626																						
	BHP	7.30	7.66																						
	Sones	31	31																						

MAXIMUM RPM - 794
 MAXIMUM MOTOR FRAME SIZE - 215T AVERAGE
 OUTLET VELOCITY (ft/min.) - cfm/4.08

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of filters in the airstream. The AMCA Certified Ratings Seal applies to air performance ratings only.

Typical Installation



Prepunched mounting holes and 2-1/2 inch skirt to aid in installation.

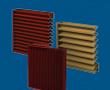
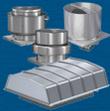
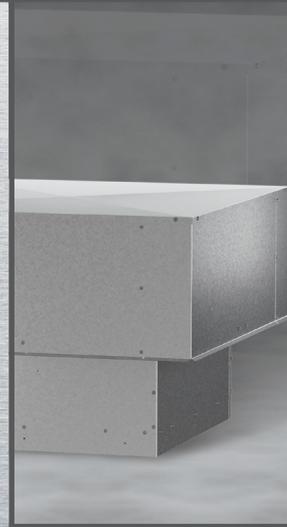
Ductwork (by others)

Duct adapter (optional) allows ductwork to be completed prior to setting unit on curb.

Roof curb

Roof opening dimensions can be found with the dimensional data on the performance pages.

Note: In cases where extreme snow depths may be encountered, an extended base may be required to raise unit or condensation pans may be required in ductwork.



Building Value in Air

Greenheck delivers value to mechanical engineers by helping them solve virtually any air quality challenges their clients face with a comprehensive selection of

top-quality, innovative air-related equipment. We offer extra value to contractors by providing easy-to-install, competitively-priced, reliable products that arrive on time.

And building owners and occupants value the energy efficiency, low maintenance and quiet dependable operation they experience long after the construction project ends.

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