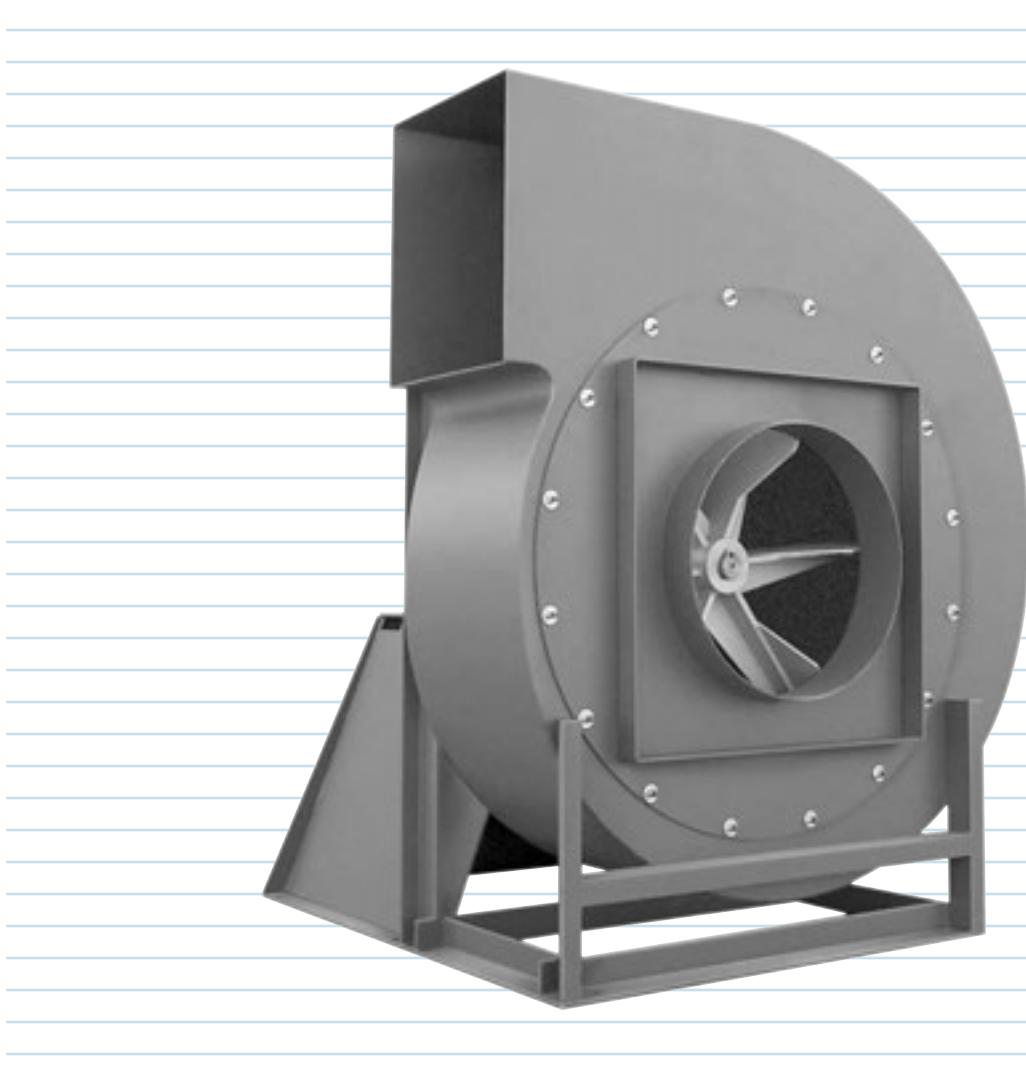


Series 6600 Industrial Centrifugal Fans

Model 22
Designs 6610, 6620, 6630 & 6650



Series 6600 • Model 22 Industrial Centrifugal Fans

The Series 6600 Industrial Centrifugal fans are reliable, heavy duty, rugged fans suitable for a wide range of industrial applications. This bulletin contains information on industrial fans suitable for applications requiring performance to approximately 22" SP, at standard conditions. For performance to 32" SP refer to Bulletin 6632-1, and for performance to 45" SP refer to Bulletin 6645-1. For dimensional drawings, refer to Bulletin 6600-1. Consult your Northern Blower sales representative for assistance with custom Industrial Centrifugal fan selections.

Industrial supply and exhaust applications

Induced Draft	Baghouses
Boilers	Cyclones
Incinerators	Precipitators
Kilns	Scrubbers
Furnaces	Dryers
Ovens	

Design Features	2
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Housing

Rugged heavy gauge all welded steel housings with substantial framing sections for maximum rigidity. Housings are rotatable and reversible for the size ranges shown in the general information section. Outlet areas conform to AMCA standard 2402-66 for industrial fans.

Industrial Wheel

Range of wheel choices, depending on the severity of the application, for rugged, dependable operation. Wheel diameters conform to AMCA standard 2402-66 for industrial fans.

Balancing

Wheels are dynamically balanced to ISO 1940 specifications for smooth operation.

Bearings

Heavy duty precision ball or roller bearings sized for generous B-10 life.

Shafts

Turned ground and polished or fully machined to close dimensional tolerance.

**Heavy Duty
Structural Bearing Pedestal**

Rotatable and Reversible Housing



Rotatable housing can be field rotated to the standard discharge positions shown in the Series 6600 Drawing Supplement (Bulletin 6600-1). The field reversible feature allows for the wheel and housing to be removed in the field and reversed, along with a change in discharge. This feature is only available on Design 6610 since the impeller can be run in either clockwise or counter-clockwise rotation.

General Information

Shafts and Bearings

Shafts

Selected to have suitable strength and operate well below the first critical speed for each maximum class condition.

Bearings

Antifriction, grease lubricated, self aligning ball or roller types, solid or split housing, manufactured to internationally adopted standards by companies having worldwide acceptance and support services. Bearings are selected for continuous belt driven operation with a generous bearing life throughout each full class range.



Classes of Construction

Model 22

Design	Fan Size	Arrangements	Rotatable Housing	Reversible Rotation
6610 LS	7 - 19	1, 8, 9, 9F, 10	✓	✓
6610 LS	21 - 60	1, 8, 9, 9F	-	-
6610 LSR	—	—	-	-
6620 AM	7 - 19	1, 4, 8, 9, 9F, 10	✓	-
6620 AM	21 - 49	1, 8, 9, 9F	-	-
6630 WF	5 - 19	1, 4, 8, 9, 9F, 10	✓	-
6630 WF	21 - 60	1, 8, 9, 9F	-	-
6640 WF-PT	—	—	-	-
6640 WF-PT	—	—	-	-
6650 AH	7 - 19	1, 4, 8, 9, 9F, 10	✓	-
6650 AH	21 - 60	1, 8, 9, 9F	-	-

Capacities

300 CFM to 140,000 CFM

Pressures

Model 22 22" S.P.

Temperatures

Operating Temperatures to 800° F

See Table 2, Page 8

Series 6600 Wheels

The performance of all Series 6600 wheels is stable throughout the operating range. The Design 6650 AH wheel has the highest peak efficiency.

Design 6610 LS

Sizes 7 to 60

The flat radial-blade wheel design is extremely rugged with heavy gauge steel components. Suitable for material conveying applications with coarse material, heavy or abrasive dust. The LS wheel provides stable air flow through all points of operation, from wide open to shutoff.



Design 6630 WF

Sizes 5 to 60

The flat radial-blade wheel is designed with a backplate to prevent material from wrapping around the spider and blades. Suitable for material handling applications involving shredded paper or plastic, long stringy material, granular and low density materials.



Design 6620 AM

Sizes 7 to 49

The rugged radial-blade, tapered-sideplate wheel is designed for strength, wear resistance and efficiency. The wheel is suitable for moderate dust loading applications more severe than the AH wheel. The airflow is stable throughout the operating range.



Design 6650 AH

Sizes 7 to 60

The efficient tapered sideplate is designed for relatively clean air applications. The wheel is constructed of heavy gauge components including blade and sideplate reinforcements on larger size wheels. Suitable for fume or vapour exhaust applications that do not contain large particles or sticky material. The airflow is stable throughout the operating range.



Belt Drive

Series 6600 Industrial fans operate in harsh systems with large horsepower requirements. Motor sizes are limited to the maximum horsepower limits listed in the accompanying table.

Belt drives are carefully selected by Northern Blower to minimize shaft stress and increase bearing life.

On customer selected belt drives, consult with the motor manufacturer for the motor sheave minimum diameter and maximum width, on motors 125 HP and larger.

Direct Drive

Direct drive arrangements are suitable if the system pressure requirements are known and changes to the system are not expected. The advantage is that belt drive horsepower losses and belt maintenance are eliminated.

The shafts and bearings selected by Northern Blower operate to these limits with a generous B-10 life.

Model 22

Motor Horsepower Limits by Design*				
Size	Arrangement 1 Belt Drive			
	6610 LS	6620 AM	6630 WF	6650 AH
5	-	-	10	-
7	15	15	15	15
9	20	20	20	20
11	25	25	25	25
13	40	40	40	40
15	50	50	50	50
17	60	60	60	60
19	75	75	75	75
21	100	100	100	100
23	125	125	125	125
26	150	150	150	150
29	200	200	200	200
33	250	250	250	250
37	300	300	300	300
41	350	350	350	350
45	350	350	350	350
49	350	350	350	350
54	350	-	350	350
60	350	-	350	350

Vibration Isolation Base

Rigid steel frame to provide a common mounting platform for fan and motor. May be ordered with spring isolators and motor slide base.



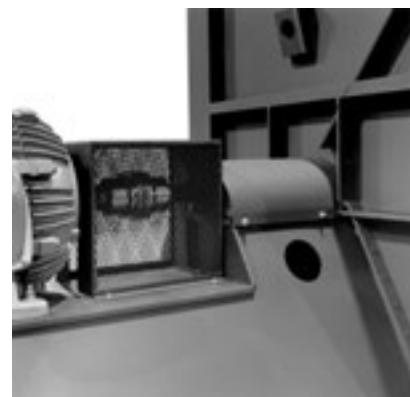
Inlet Box/ Inlet Box Damper

An Inlet Box provides smooth aerodynamic airflow into the fan inlet. The Inlet Box is designed as a bolt-on accessory to the fan. Inlet Dampers also are available in conjunction with the Inlet Box for efficient air volume control.



Coupling/ Shaft and Bearing Guard

The coupling guard encloses the coupling from the face of the motor to the outboard bearing. The Shaft and Bearing Guard encloses the shaft and bearings from the inboard bearing to just beyond the outboard bearing.



Raised Access Door

Access door raised 6" beyond scroll surface to provide room for insulation on exterior of fan housing. Insulated door plug surface is flush with inside of housing scroll.



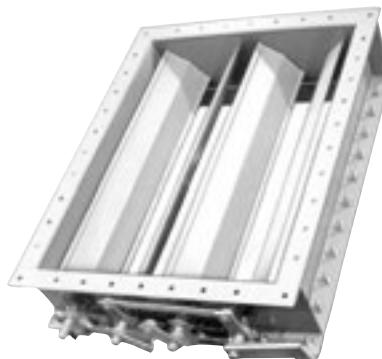
Hinged Quick Release Access Door

The Hinged option adds hinges to the standard Quick Release Access Door. Both the standard and Hinged Quick Release Access Doors are mounted flush to the fan scroll and are secured with quick release handles.



Outlet Damper

Outlet Dampers are the least expensive air volume control device. Northern Blower Outlet Dampers have punched flanges on both ends to allow for convenient fan and duct connections. Outlet Dampers are available for operating temperatures to 800°F.



Cooling Wheel

Split aluminum wheel mounted between the inboard bearing and the fan housing. Protects the inboard bearing from shaft conveyed heat and housing radiated heat. Supplied with protective guard as standard. Required for high temperature application; see Page 8.



Belt Guard

Enclosed on all sides, for safe operation, with a mesh cover and quick release fasteners. Tachometer holes and safety color coatings also available.



Variable Inlet Vanes

Variable Inlet Vanes provide accurate volume control with minimal reduction in performance efficiency. Fan performance remains stable through fully open to fully closed positions. Available for both manual and automatic operation to temperatures of 300°F. Special design available for temperatures to 650°F. Available for Designs 6610 LS, 6620 AM and 6650 AH with relatively clean airstreams.



Flanged Inlet/ Flanged Outlet

Punched flanges to facilitate the bolting of duct connections to the fan inlet and outlet. Flanged Inlet is required when the fan is to be fitted with a Variable Inlet Vane. Flanged Outlet needed when the fan is to be fitted with an Outlet Damper.



Shaft Seal

Used to reduce leakage through the shaft hole in the housing. Seal material of aluminum, brass, or compressed non-asbestos gasket sheet, depending on fan application.



Additional Accessories

- Spark Resistant Construction
- Protective Coatings
- Split Housing
- Special Metals
- Drain Opening
- High Temperature Construction
- Extended Grease Fittings
- Insulation Clips
- Split Pillow Block Bearings
- Mounted Drive Package
- Inlet Screen

Further information on custom fans is available from your Northern Blower sales representative.

Fan Selection at Elevated Temperature and Altitude

Fan Selection Table

Ratings shown in the Performance Tables are based on standard air density of .075 pounds per cubic foot at the fan Inlet. Standard air is dry air at 70°F and 29.92" Hg barometric pressure. When air density varies from standard, due to temperature or altitude changes, the Air Density Correction Factor from Table 3 is applied. Refer to the sample selection on page 9.

Note that data in the selection tables does not include the effects of accessories such as inlet dampers, inlet boxes, outlet dampers, or other components in the air stream.

High Temperature

High temperature operating limits are 300°F without a cooling wheel and 800°F with a cooling wheel and shaft seal. For selection, both fan performance and physical operating limits must be corrected. Refer to the sample selection on page 9.

Table 1

Maximum Speeds at 70°F (by Design)				
Size	6610 LS	6620 AM	6630 WF	6650 AH
5	—	—	8356	—
7	5457	5457	5457	5457
9	4278	4278	4278	4278
11	3495	3495	3502	3495
13	2954	2954	2964	2954
15	2559	2559	2559	2559
17	2256	2256	2256	2223
19	2026	2026	2026	2026
21	1831	1831	1831	1831
23	1671	1671	1671	1640
26	1481	1481	1481	1431
29	1324	1324	1324	1324
33	1163	1163	1163	1163
37	1038	1038	1038	1038
41	938	938	938	938
45	854	854	854	854
49	784	764	784	784
54	713	—	713	713
60	641	—	611	641

Table 2

High Temperature Operating Limits			
Arrangement	Without Cooling Wheel	With Cooling Wheel	With Cooling Wheel and Shaft Seal
1 SW	300°F	650°F	800°F
4 SW	150°F	—	—
8 SW	300°F	650°F	800°F
9, 9F SW	300°F	650°F	650°F
10 SW	300°F	650°F	650°F

Table 3

Air Temp °F	Elevation (Feet) above Sea Level						
	0	500	1000	2000	3000	4000	5000
0	.87	.88	.90	.93	.97	1.00	1.04
70	1.00	1.02	1.04	1.08	1.12	1.16	1.20
100	1.06	1.08	1.10	1.14	1.18	1.22	1.27
200	1.25	1.27	1.29	1.34	1.39	1.44	1.50
300	1.43	1.46	1.49	1.54	1.60	1.66	1.72
400	1.62	1.65	1.68	1.75	1.81	1.88	1.95
500	1.81	1.84	1.88	1.95	2.02	2.10	2.18
600	2.00	2.04	2.07	2.15	2.23	2.32	2.40
700	2.19	2.23	2.27	2.35	2.44	2.53	2.63
800	2.38	2.42	2.46	2.56	2.65	2.75	2.86

Table 4

Temp °F	Safe Speed Deration Factors (by Design)			6610 LS, 6620 AM, & 6630 WF
	Mild Steel	Stainless Steel 304L	Stainless Steel 316L	
-50 to 70	1.00	1.00	1.00	1.00
100	0.98	0.99	0.98	1.00
200	0.93	0.96	0.91	1.00
300	0.89	0.92	0.87	1.00
400	0.86	0.88	0.83	1.00
500	0.82	0.84	0.80	1.00
600	0.79	0.81	0.77	1.00
700	0.76	0.78	0.74	1.00
800	0.68	0.75	0.72	1.00

Sample Selection of a Belt Drive Fan

Select a Design 6610 LS fan for the operating conditions of 7500 CFM at 12" SP, 200°F and 5000 feet elevation.

- 1) Multiply the Operating SP by the Air Density Correction Factor (Table 3) to obtain Equivalent SP:

$$\text{Equivalent SP} = \text{Operating SP} \times \text{Air Density Corr. Factor}$$

$$= 12'' \times 1.50 = 18''$$

- 2) From the Performance Tables, select the fan size. For 7500 CFM at 18" SP an efficient selection would be a size 21 fan. Interpolating from the Performance Table given on page 13, the selected fan performance is 1560 RPM and 34.99 Equivalent BHP at standard temperature and pressure.
- 3) Divide the Equivalent BHP by the Air Density Correction Factor to obtain the Operating BHP:

$$\text{Operating BHP} = \frac{\text{Equivalent BHP}}{\text{Air Density Correction Factor}}$$

$$= \frac{34.99}{1.50} = 23.33 \text{ BHP}$$

- 4) Multiply the Maximum Speed at 70°F values (Table 1) by the Safe Speed Deration Factor (Table 4). For fan size 21, the maximum speed at 200°F is:

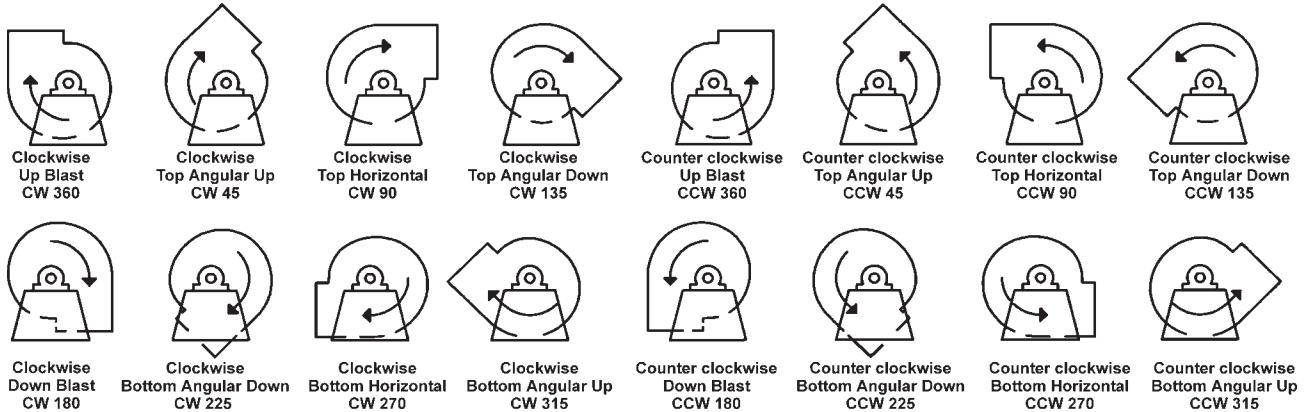
$$\text{Maximum Speed} = 1831 \times 0.93 = 1703 \text{ RPM}$$

Since the fan selection speed of 1560 RPM is below the maximum allowable speed, the fan is a suitable selection.

Fan Geometry

Series 6600 Fan Dimensions

Refer to Bulletin 6600-1 for dimensional drawings.

Designations for Rotation and Discharge of Centrifugal Fans**Notes:**

- 1) Direction of rotation is determined from the drive side of the fan.
- 2) On single inlet fans, the drive side is always considered as the side opposite the fan inlet.
- 3) On double inlet fans with drives on both sides, the drive side is that with the higher powered drive unit.
- 4) Direction of discharge is determined in accordance with the diagrams. Angle of discharge is referred to the vertical axis of the fan and designated in degrees from such standard reference axis. Angle of discharge may be any intermediate angle as required.
- 5) For a fan inverted for ceiling suspension, or side wall mounting, the direction of rotation and discharge is determined when the fan is resting on the floor.

Size

7**SISW****Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 12.25 in.
Outlet Area = 0.27 sq. ft. inside
Tip Speed, fpm = 3.21 x RPM

Model 22 Maximum RPM 5457[†]
Maximum Belt Drive Motor HP 15

Volume O.Vel	1"SP		2"SP		3"SP		4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
300	1105	1164	0.09	1587	0.18	1917	0.28	2204	0.40	2686	0.66	3084	0.93	3456	1.26	3751	1.56	4073	1.95	4315	2.27
350	1289	1191	0.11	1609	0.21	1935	0.32	2215	0.44	2686	0.71	3097	1.01	3451	1.33	3761	1.67	4075	2.06	4328	2.41
400	1473	1222	0.13	1633	0.24	1957	0.36	2232	0.49	2705	0.77	3100	1.08	3455	1.42	3772	1.78	4079	2.17	4341	2.56
450	1657	1259	0.15	1659	0.27	1980	0.40	2255	0.54	2718	0.84	3113	1.17	3464	1.52	3783	1.89	4084	2.30	4354	2.70
500	1841	1302	0.17	1687	0.30	2005	0.45	2276	0.60	2737	0.91	3132	1.26	3478	1.62	3795	2.01	4092	2.43	4368	2.86
550	2025	1349	0.20	1717	0.34	2030	0.49	2300	0.65	2761	0.99	3151	1.35	3493	1.73	3808	2.13	4102	2.56	4383	3.02
600	2210	1400	0.23	1752	0.38	2057	0.55	2325	0.72	2780	1.07	3168	1.45	3511	1.85	3823	2.27	4114	2.71	4394	3.18
650	2394	1455	0.27	1791	0.43	2088	0.60	2351	0.78	2803	1.16	3188	1.56	3531	1.97	3840	2.41	4128	2.86	4401	3.34
700	2578	1512	0.31	1833	0.48	2120	0.66	2378	0.85	2829	1.25	3211	1.67	3552	2.10	3859	2.55	4144	3.02	4413	3.51
750	2762	1572	0.35	1879	0.53	2157	0.72	2409	0.92	2853	1.34	3234	1.78	3575	2.24	3879	2.70	4163	3.19	4429	3.69
800	2946	1634	0.41	1928	0.59	2195	0.79	2441	1.00	2878	1.44	3258	1.90	3597	2.38	3901	2.86	4184	3.37	4447	3.89
850	3130	1697	0.46	1980	0.66	2237	0.86	2476	1.08	2906	1.54	3283	2.02	3620	2.52	3924	3.03	4207	3.56	4469	4.09
900	3314	1762	0.52	2035	0.73	2283	0.94	2515	1.17	2936	1.65	3309	2.15	3644	2.67	3947	3.20	4232	3.75	4494	4.31
950	3499	1828	0.59	2091	0.80	2331	1.03	2556	1.26	2967	1.76	3336	2.28	3668	2.82	3972	3.38	4253	3.94	4513	4.52
1000	3683	1895	0.66	2149	0.89	2381	1.12	2599	1.37	3001	1.88	3365	2.42	3693	2.98	3997	3.56	4274	4.14	4533	4.73
1100	4051	2033	0.83	2271	1.08	2488	1.33	2693	1.59	3075	2.14	3426	2.72	3747	3.31	4045	3.93	4321	4.56	4581	5.20
1200	4419	2174	1.03	2396	1.30	2602	1.57	2795	1.84	3157	2.42	3494	3.04	3807	3.68	4098	4.33	4374	5.01	4628	5.68
1300	4788	2319	1.26	2526	1.55	2721	1.84	2905	2.13	3249	2.75	3571	3.40	3874	4.07	4159	4.76	4425	5.47	4679	6.19
1400	5156	2466	1.52	2659	1.83	2844	2.15	3019	2.46	3347	3.10	3655	3.79	3946	4.49	4222	5.22	4487	5.97	4733	6.73
1500	5524	2614	1.83	2796	2.15	2971	2.49	3138	2.82	3452	3.51	3746	4.22	4027	4.96	4295	5.72	4548	6.50	4794	7.31
1600	5892	2764	2.17	2935	2.51	3101	2.87	3261	3.23	3562	3.95	3844	4.69	4113	5.46	4370	6.26	4618	7.07	4856	7.91
1700	6261	2916	2.56	3077	2.92	3234	3.29	3387	3.67	3676	4.43	3947	5.20	4205	6.01	4454	6.84	4695	7.69	4925	8.56
1800	6629	3068	2.99	3221	3.37	3371	3.76	3516	4.16	3794	4.97	4055	5.77	4304	6.60	4544	7.46	4776	8.35	5000	9.25
1900	6997	3221	3.48	3366	3.87	3508	4.27	3648	4.70	3916	5.55	4167	6.39	4407	7.25	4639	8.14	4862	9.06	5080	10.00
2000	7365	3376	4.01	3514	4.42	3649	4.84	3782	5.28	4040	6.18	4282	7.06	4514	7.96	4738	8.88	4954	9.82	5166	10.79

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet

† Belt Drive is not recommended above 3600 RPM.

Size

9**SISW****Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 15.625 in.
Outlet Area = 0.44 sq. ft. inside
Tip Speed, fpm = 4.09 x RPM

Model 22 Maximum RPM 4278[†]
Maximum Belt Drive Motor HP 20

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
500	1114	1714	0.66	2087	1.09	2401	1.56	2684	2.08	2917	2.59	3174	3.24	3357	3.77	3565	4.43	3799	5.27	3939	5.81
600	1337	1727	0.75	2095	1.20	2404	1.69	2679	2.23	2931	2.81	3167	3.44	3373	4.06	3573	4.73	3794	5.55	3943	6.16
700	1559	1744	0.85	2106	1.33	2421	1.86	2693	2.43	2950	3.06	3168	3.67	3385	4.35	3580	5.04	3793	5.86	3949	6.52
800	1782	1765	0.96	2124	1.47	2429	2.03	2705	2.63	2951	3.27	3176	3.93	3397	4.66	3588	5.36	3794	6.18	3956	6.89
900	2005	1788	1.07	2144	1.63	2449	2.22	2715	2.84	2961	3.51	3188	4.21	3409	4.97	3598	5.69	3798	6.53	3964	7.29
1000	2228	1811	1.20	2164	1.79	2465	2.41	2734	3.08	2976	3.77	3202	4.51	3419	5.29	3608	6.04	3804	6.90	3974	7.70
1100	2451	1835	1.32	2188	1.96	2486	2.63	2753	3.33	2994	4.06	3219	4.82	3429	5.62	3620	6.42	3812	7.29	3985	8.13
1200	2673	1862	1.46	2209	2.14	2509	2.86	2771	3.59	3014	4.36	3237	5.16	3442	5.97	3634	6.81	3822	7.70	3998	8.59
1300	2896	1892	1.62	2234	2.34	2529	3.09	2792	3.86	3031	4.67	3253	5.50	3458	6.35	3649	7.22	3835	8.13	4013	9.07
1400	3119	1924	1.78	2259	2.54	2552	3.33	2814	4.15	3051	4.99	3272	5.86	3476	6.75	3666	7.65	3849	8.58	4031	9.58
1500	3342	1961	1.96	2287	2.75	2578	3.59	2838	4.45	3072	5.33	3292	6.24	3496	7.17	3686	8.10	3866	9.07	4045	10.09
1600	3564	1999	2.15	2317	2.98	2602	3.86	2860	4.76	3094	5.68	3313	6.63	3517	7.60	3706	8.58	3885	9.57	4059	10.61
1700	3787	2041	2.35	2349	3.22	2629	4.14	2884	5.08	3117	6.05	3335	7.04	3538	8.05	3728	9.07	3906	10.10	4077	11.16
1800	4010	2086	2.58	2385	3.48	2658	4.43	2909	5.42	3141	6.42	3357	7.46	3561	8.52	3750	9.58	3928	10.65	4097	11.74
1900	4233	2133	2.83	2422	3.76	2690	4.75	2937	5.77	3166	6.82	3381	7.89	3582	8.99	3771	10.10	3951	11.22	4118	12.34
2000	4456	2182	3.09	2463	4.06	2723	5.08	2966	6.14	3192	7.23	3405	8.34	3604	9.48	3792	11.79	4142	12.97		
2100	4678	2233	3.38	2505	4.38	2759	5.43	2997	6.53	3220	7.65	3431	8.81	3627	9.98	3814	11.16	3992	12.37	4163	13.60
2200	4901	2286	3.69	2550	4.72	2797	5.80	3029	6.93	3249	8.10	3458	9.30	3651	10.50	3837	11.72	4013	12.97	4183	14.23
2300	5124	2340	4.02	2596	5.08	2837															

Wheel Diameter = 19.125 in.

Outlet Area = 0.66 sq. ft. inside

Tip Speed, fpm = 5.01 x RPM



Model 22 Maximum RPM 3495

Maximum Belt Drive Motor HP 25

Size

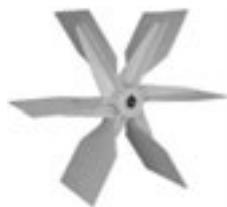
11 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
600	906	1408	0.79	1708	1.29	1964	1.87	2193	2.50	2400	3.20	2594	3.95	2746	4.62	2917	5.46	3112	6.52	3244	7.31
700	1057	1409	0.86	1714	1.40	1971	2.00	2198	2.66	2417	3.42	2588	4.11	2766	4.92	2961	5.91	3083	6.61	3217	7.43
800	1207	1418	0.95	1723	1.51	1978	2.14	2204	2.82	2422	3.60	2595	4.32	2796	5.27	2935	6.01	3086	6.88	3254	7.94
900	1358	1425	1.04	1732	1.64	1984	2.28	2210	2.99	2420	3.77	2608	4.58	2782	5.42	2941	6.28	3120	7.35	3251	8.21
1000	1509	1434	1.14	1738	1.77	1991	2.44	2217	3.18	2422	3.96	2624	4.86	2783	5.66	2963	6.66	3106	7.54	3249	8.49
1100	1660	1447	1.25	1744	1.91	1998	2.62	2224	3.38	2427	4.18	2619	5.06	2794	5.96	2958	6.90	3109	7.85	3277	9.00
1200	1811	1457	1.35	1753	2.05	2006	2.80	2232	3.59	2435	4.43	2621	5.30	2807	6.28	2959	7.18	3130	8.28	3263	9.22
1400	2113	1484	1.58	1774	2.36	2024	3.19	2250	4.06	2454	4.96	2639	5.90	2808	6.84	2976	7.88	3127	8.91	3283	10.05
1600	2415	1510	1.83	1800	2.69	2045	3.60	2266	4.54	2465	5.50	2650	6.50	2826	7.55	2988	8.61	3139	9.69	3291	10.86
1800	2717	1539	2.10	1826	3.05	2071	4.04	2287	5.05	2485	6.10	2670	7.18	2839	8.28	2999	9.39	3158	10.59	3299	11.74
2000	3019	1572	2.40	1854	3.43	2098	4.51	2312	5.60	2507	6.72	2687	7.87	2857	9.05	3019	10.26	3171	11.49	3313	12.72
2200	3321	1609	2.73	1883	3.84	2124	5.00	2338	6.17	2532	7.38	2713	8.63	2881	9.89	3038	11.16	3186	12.43	3331	13.77
2400	3622	1650	3.11	1915	4.29	2152	5.52	2364	6.78	2557	8.06	2735	9.37	2901	10.71	3057	12.06	3206	13.44	3352	14.87
2600	3924	1697	3.53	1951	4.77	2183	6.09	2392	7.43	2585	8.80	2761	10.18	2926	11.59	3081	13.02	3230	14.49	3373	15.99
2800	4226	1747	4.00	1989	5.30	2214	6.68	2421	8.10	2611	9.55	2790	11.04	2953	12.52	3107	14.04	3256	15.59	3394	17.13
3000	4528	1801	4.52	2033	5.88	2250	7.33	2452	8.82	2640	10.36	2815	11.91	2980	13.50	3135	15.10	3281	16.71	3417	18.32
3200	4830	1857	5.10	2079	6.52	2288	8.02	2486	9.60	2670	11.21	2843	12.83	3006	14.49	3160	16.17	3305	17.86	3443	19.56
3400	5132	1915	5.73	2129	7.21	2330	8.77	2521	10.41	2701	12.09	2873	13.81	3033	15.54	3186	17.30	3331	19.07	3468	20.85
3600	5434	1976	6.43	2182	7.98	2376	9.60	2560	11.28	2736	13.03	2905	14.84	3063	16.64	3214	18.48	3358	20.33	3495	22.19
3800	5735	2038	7.20	2237	8.81	2425	10.49	2602	12.23	2773	14.04	2938	15.91	3093	17.79	3243	19.71	3385	21.64		
4000	6037	2103	8.03	2294	9.71	2476	11.45	2647	13.25	2813	15.11	2973	17.04	3126	19.00	3273	20.99	3414	23.01		
4200	6339	2168	8.94	2353	10.68	2529	12.49	2695	14.34	2856	16.27	3011	18.25	3161	20.27	3305	22.34	3445	24.43	3477	25.91
4400	6641	2235	9.92	2414	11.74	2584	13.60	2745	15.52	2901	17.49	3052	19.53	3198	21.62	3339	23.74				
4600	6943	2304	10.98	2476	12.87	2640	14.80	2798	16.77	2949	18.81	3096	20.90	3237	23.04	3376	25.23				
4800	7245	2374	12.12	2539	14.08	2699	16.08	2852	18.12	2999	20.20	3142	22.36	3279	24.54	3414	26.79				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.



Model 22 Maximum RPM 2954

Maximum Belt Drive Motor HP 40

Size

13 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
1000	1081	1194	1.22	1453	1.98	1669	2.82	1865	3.77	2038	4.76	2196	5.82	2337	6.88	2498	8.24	2620	9.40	2727	10.48
1200	1297	1203	1.40	1459	2.21	1682	3.13	1873	4.11	2041	5.12	2210	6.31	2347	7.39	2502	8.76	2624	9.95	2738	11.17
1400	1513	1214	1.60	1470	2.48	1685	3.42	1876	4.44	2050	5.55	2219	6.79	2355	7.91	2506	9.30	2629	10.55	2749	11.87
1600	1729	1227	1.80	1479	2.76	1698	3.79	1886	4.86	2061	6.02	2220	7.24	2363	8.47	2511	9.89	2634	11.18	2759	12.61
1800	1945	1242	2.02	1491	3.06	1704	4.14	1896	5.31	2070	6.52	2225	7.76	2371	9.07	2517	10.52	2640	11.86	2769	13.39
2000	2161	1259	2.26	1506	3.38	1716	4.55	1903	5.76	2075	7.03	2232	8.34	2379	9.71	2524	11.20	2647	12.60	2779	14.21
2200	2377	1276	2.51	1520	3.70	1729	4.96	1914	6.25	2084	7.58	2240	8.96	2387	10.40	2531	11.94	2654	13.39	2788	15.08
2400	2594	1292	2.78	1537	4.06	1743	5.38	1928	6.76	2095	8.17	2250	9.62	2396	11.12	2539	12.72	2663	14.24	2791	15.91
2600	2810	1311	3.06	1552	4.42	1759	5.83	1943	7.30	2108	8.78	2262	10.31	2406	11.88	2546	13.53	2672	15.13	2796	16.82
2800	3026	1331	3.37	1569	4.81	1776	6.31	1957	7.84	2122	9.41	2274	11.02	2418	12.67	2555	14.37	2683	16.08	2803	17.80
3000	3242	1353	3.69	1587	5.22	1791	6.79	1972	8.40	2137	10.07	2288	11.75	2430	13.47	2665	15.24	2695	17.06	2813	18.82
3200	3458	1377	4.05	1605	5.65	1807	7.30	1988	9.00	2153	10.74	2302	12.50	2443	14.30	2577	16.14	2707	18.05	2825	19.90
3400	3674	1403	4.44	1625	6.10	1825	7.84	2004	9.62	2169	11.45	2318	13.28	2458	15.16	2590	17.07	2717	19.04	2838	21.03
3600	3890	1431	4.86	1647	6.58	1844	8.41	2021	10.26	2185	12.17	2333	14.09	2473	16.04	2605	18.03	2730	20.06	2852	22.16
3800	4106	1461	5.31	1670	7.10	1863	9.00	2039	10.94	2201	12.93	2349	14.92	2489	16.96	2620	19.03	2744	21.12	2863	23.26
4000	4323	1492	5.81	1695	7.65	1883	9.61	2057	11.63	2218	13.71	2366	15.78	2505	17.91	2636	20.06	2759	22.23	2877	24.42
4200	4539	1525	6.34	1721	8.24	1905	10.26	2075	12.36	2235	14.51	2382	16.68	2522	18.90	2653	21.14	2776	23.39	2892	25.64
4400	4755	1559	6.91	1750	8.87	1928	10.95	2095	13.12	2253	15.35	2400	17.60	2539	19.91	2668	22.21	2792	24.55	2909	26.92

Size

15 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 26.125 in.
Outlet Area = 1.23 sq. ft. inside
Tip Speed, fpm = 6.84 x RPM

Model 22 Maximum RPM 2559
Maximum Belt Drive Motor HP 50

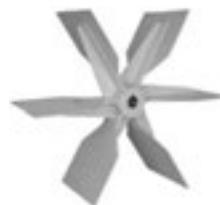
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
1200	974	1031	1.52	1259	2.51	1448	3.61	1616	4.83	1757	6.05	1901	7.49	2036	9.02	2138	10.31	2251	11.88	2377	13.80
1400	1136	1037	1.69	1262	2.72	1456	3.90	1619	5.14	1763	6.43	1916	8.01	2030	9.36	2149	10.92	2283	12.86	2383	14.46
1600	1299	1043	1.87	1265	2.94	1457	4.16	1623	5.47	1769	6.82	1916	8.41	2034	9.84	2167	11.65	2275	13.27	2373	14.88
1800	1461	1050	2.06	1271	3.21	1460	4.46	1628	5.83	1775	7.24	1915	8.80	2043	10.41	2168	12.16	2272	13.77	2388	15.72
2000	1623	1058	2.26	1280	3.49	1465	4.79	1632	6.21	1780	7.69	1917	9.26	2054	11.03	2165	12.64	2283	14.51	2396	16.47
2200	1786	1068	2.48	1285	3.78	1470	5.15	1638	6.63	1787	8.17	1922	9.77	2054	11.53	2170	13.27	2292	15.25	2391	17.01
2400	1948	1077	2.70	1292	4.07	1477	5.52	1643	7.07	1793	8.69	1928	10.34	2055	12.08	2181	14.01	2288	15.81	2399	17.83
2600	2110	1088	2.93	1301	4.39	1484	5.92	1650	7.54	1799	9.22	1936	10.96	2060	12.72	2182	14.64	2293	16.55	2407	18.67
2800	2273	1098	3.18	1311	4.71	1492	6.32	1657	8.03	1803	9.75	1941	11.57	2067	13.42	2184	15.31	2305	17.44	2405	19.36
3000	2435	1109	3.43	1322	5.06	1501	6.74	1664	8.52	1809	10.31	1945	12.18	2074	14.15	2191	16.09	2303	18.14	2412	20.27
3200	2597	1120	3.70	1332	5.41	1511	7.17	1671	9.02	1816	10.89	1950	12.83	2077	14.83	2201	16.96	2308	18.97	2419	21.21
3400	2760	1133	3.99	1343	5.78	1521	7.62	1680	9.54	1824	11.50	1958	13.52	2083	15.57	2202	17.70	2317	19.93	2420	22.07
3600	2922	1145	4.28	1354	6.16	1531	8.08	1689	10.07	1833	12.13	1967	14.24	2092	16.37	2208	18.54	2321	20.79	2428	23.10
4000	3247	1173	4.93	1376	6.96	1552	9.06	1709	11.21	1853	13.42	1983	15.66	2106	17.96	2224	20.33	2336	22.74	2438	25.09
4400	3571	1205	5.65	1401	7.84	1575	10.10	1732	12.43	1872	14.77	2004	17.20	2126	19.68	2240	22.16	2348	24.67	2454	27.26
4800	3896	1241	6.48	1428	8.79	1598	11.21	1752	13.69	1894	16.24	2023	18.78	2144	21.39	2258	24.04	2366	26.74	2472	29.55
5200	4221	1280	7.41	1458	9.83	1623	12.40	1775	15.05	1914	17.73	2045	20.50	2165	23.25	2278	26.06	2387	28.94	2489	31.81
5600	4545	1323	8.46	1493	11.00	1651	13.69	1799	16.49	1938	19.36	2065	22.24	2186	25.20	2300	28.18	2406	31.18	2507	34.18
6000	4870	1367	9.63	1530	12.28	1682	15.09	1826	18.03	1961	21.04	2088	24.11	2207	27.20	2319	30.33	2426	33.49	2527	36.68
6400	5195	1414	10.92	1570	13.71	1716	16.63	1854	19.68	1986	22.84	2112	26.09	2229	29.32	2340	32.61	2446	35.93	2548	39.29
6800	5519	1462	12.35	1612	15.27	1752	18.30	1886	21.47	2014	24.77	2136	28.13	2253	31.57	2363	35.01	2468	38.49		
7200	5844	1511	13.93	1656	16.98	1791	20.13	1920	23.42	2044	26.82	2163	30.31	2378	33.91	2386	37.52	2491	41.16		
7600	6169	1563	15.65	1701	18.84	1832	22.11	1957	25.51	2076	29.02	2192	32.64	2304	36.36	2411	40.15	2514	43.95		
8000	6493	1615	17.53	1748	20.86	1875	24.26	1995	27.77	2111	31.39	2223	35.12	2322	38.96	2438	42.90	2539	46.85		
8400	6818	1669	19.58	1797	23.04	1919	26.58	2036	30.21	2148	33.94	2256	37.78	2362	41.73	2465	45.79				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

17 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 29.625 in.
Outlet Area = 1.59 sq. ft. inside
Tip Speed, fpm = 7.76 x RPM

Model 22 Maximum RPM 2256
Maximum Belt Drive Motor HP 60

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
1600	1008	898	1.83	1097	3.00	1261	4.30	1407	5.71	1530	7.14	1656	8.81	1772	10.59	1861	12.09	1960	13.91	2070	16.14
1800	1134	902	1.99	1099	3.20	1261	4.52	1411	6.03	1536	7.52	1661	9.26	1763	10.85	1879	12.86	1983	14.87	2060	16.49
2000	1260	908	2.16	1101	3.42	1263	4.78	1408	6.29	1549	8.03	1657	9.56	1781	11.56	1876	13.26	1970	15.11	2074	17.35
2200	1386	911	2.32	1104	3.64	1267	5.07	1411	6.62	1542	8.28	1667	10.11	1773	11.86	1879	13.80	1992	16.09	2071	17.84
2400	1512	915	2.50	1108	3.88	1271	5.38	1417	7.00	1545	8.68	1667	10.51	1778	12.39	1887	14.44	1978	16.33		
2800	1764	926	2.88	1116	4.39	1280	6.02	1422	7.72	1552	9.55	1677	11.54	1781	13.40	1896	15.66	1984	17.60	2083	19.91
3200	2016	938	3.30	1126	4.95	1287	6.69	1432	8.56	1562	10.50	1678	12.47	1789	14.55	1898	16.83	1991	18.95	2087	21.32
3600	2268	951	3.76	1138	5.56	1299	7.45	1438	9.39	1567	11.44	1685	13.56	1797	15.79	1902	18.08	1998	20.38	2093	22.84
4000	2520	965	4.24	1151	6.20	1308	8.21	1450	10.34	1576	12.49	1694	14.74	1807	17.12	1907	19.45	2005	21.90	2099	24.44
4400	2772	981	4.77	1164	6.87	1321	9.06	1459	11.29	1588	13.63	1705	16.01	1815	18.46	1915	20.91	2013	23.50	2106	26.15
4800	3024	997	5.32	1178	7.61	1333	9.92	1471	12.30	1597	14.76	1714	17.29	1822	19.85	1923	22.45	2021	25.17	2114	27.94
5200	3276	1015	5.92	1192	8.37	1347	10.86	1485	13.40	1608	15.97	1724	18.62	1832	21.33	1933	24.07	2030	26.92	2123	29.82
5600	3528	1035	6.58	1209	9.18	1361	11.82	1497	14.51	1621	17.24	1735	20.03	1843	22.87	1943	25.76	2040	28.73	2133	31.78
6000	3780	1058	7.31	1225	10.02	1375	12.84	1510	15.69	1634	18.59	1748	21.51	1854	24.49	1954	27.52	2050	30.62	2143	33.83
6400	4032	1082	8.12	1244	10.93	1392	13.92	1525	16.93	1649	20.00	1761	23.05	1866	26.18	1966	29.35	2061	32.57	2153	35.92
6800	4284	1107	9.00	1264	11.91	1408	15.04	1540	18.23	1662	21.45	1774	24.66	1879	27.93	1978	31.24	2072	34.60	2164	38.06
7200	4536	1135	9.96	1285	12.97	1426	16.20	1556	19.58	1676	22.95	1788	26.34	1892	29.75	1991	33.21	2085	36.71	2175	40.28
7600	4788	1164	11.00	1308	14.13	1445	17.45	1573	20.96	1691	24.51	1802	28.08								

Wheel Diameter = 33.00 in.

Outlet Area = 1.97 sq. ft. inside

Tip Speed, fpm = 8.64 x RPM



Model 22 Maximum RPM 2026

Maximum Belt Drive Motor HP 75

Size

19 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
2000	1009	803	2.29	981	3.75	1129	5.37	1258	7.14	1369	8.92	1481	11.01	1586	13.23	1665	15.11	1753	17.38	1851	20.16
2500	1261	812	2.70	985	4.27	1130	5.98	1260	7.86	1386	10.03	1482	11.95	1593	14.44	1679	16.58	1762	18.88	1856	21.67
3000	1513	819	3.12	991	4.85	1138	6.72	1268	8.75	1382	10.84	1491	13.13	1590	15.48	1688	18.05	1769	20.40	1859	23.23
3500	1765	828	3.60	999	5.49	1145	7.53	1272	9.65	1389	11.93	1501	14.41	1594	16.75	1696	19.58	1776	21.99	1863	24.88
4000	2017	839	4.13	1008	6.19	1151	8.37	1281	10.70	1397	13.12	1502	15.59	1600	18.18	1698	21.02	1782	23.68	1868	26.64
4500	2269	851	4.70	1019	6.95	1162	9.32	1287	11.74	1402	14.29	1508	16.94	1608	19.74	1701	22.59	1788	25.48	1873	28.53
5000	2522	864	5.31	1030	7.75	1170	10.27	1298	12.93	1410	15.61	1516	18.43	1617	21.40	1707	24.30	1794	27.37	1878	30.54
5500	2774	877	5.96	1041	8.59	1182	11.32	1306	14.11	1421	17.04	1526	20.02	1624	23.07	1713	26.13	1801	29.37	1885	32.67
6000	3026	892	6.66	1054	9.51	1193	12.40	1316	15.38	1429	18.45	1534	21.61	1631	24.81	1721	28.06	1809	31.46	1892	34.91
6500	3278	909	7.40	1067	10.46	1206	13.58	1329	16.75	1439	19.96	1543	23.28	1639	26.66	1730	30.09	1817	33.64	1900	37.26
7000	3530	927	8.22	1081	11.47	1218	14.78	1340	18.14	1450	21.56	1553	25.04	1649	28.59	1739	32.20	1825	35.92	1908	39.72
7500	3782	947	9.14	1096	12.53	1231	16.06	1352	19.61	1463	23.24	1564	26.89	1659	30.61	1749	34.40	1834	38.27	1918	42.28
8000	4034	968	10.15	1113	13.67	1245	17.41	1365	21.17	1475	25.01	1575	28.82	1670	32.72	1759	36.68	1844	40.72	1927	44.90
8500	4287	991	11.25	1131	14.89	1260	18.80	1378	22.80	1487	26.81	1587	30.83	1681	34.91	1770	39.06	1854	43.26	1936	47.57
9000	4539	1016	12.46	1150	16.22	1276	20.26	1393	24.48	1500	28.69	1600	32.93	1693	37.19	1782	41.52	1865	45.89	1946	50.35
9500	4791	1042	13.76	1171	17.67	1293	21.82	1407	26.21	1513	30.64	1613	35.10	1705	39.56	1793	44.07	1877	48.62	1956	53.23
10000	5043	1069	15.17	1193	19.24	1311	23.50	1423	28.03	1528	32.67	1626	37.34	1718	42.01	1806	46.73	1889	51.46	1967	56.23
10500	5295	1098	16.68	1217	20.93	1331	25.31	1440	29.95	1543	34.77	1640	39.66	1731	44.54	1818	49.47	1901	54.40	1979	59.35
11000	5547	1127	18.32	1241	22.74	1352	27.26	1458	32.00	1559	36.97	1654	42.05	1745	47.16	1832	52.31	1914	57.46	1992	62.59
11500	5799	1156	20.05	1267	24.68	1374	29.35	1477	34.20	1575	39.28	1669	44.52	1759	49.86	1845	55.25	1927	60.59	2005	65.96
12000	6052	1186	21.92	1294	26.74	1397	31.58	1497	36.55	1593	41.74	1685	47.11	1774	52.66	1859	58.20	1939	63.74	2017	69.32
12500	6304	1217	23.92	1322	28.91	1422	33.95	1518	39.05	1612	44.34	1702	49.83	1790	55.53	1873	61.24	1953	67.00		
13000	6556	1247	26.04	1350	31.22	1447	36.44	1541	41.69	1632	47.09	1721	52.70	1806	58.50	1888	64.40	1967	70.37		
13500	6808	1278	28.32	1380	33.69	1473	39.06	1564	44.50	1653	50.01	1740	55.75	1823	61.62	1904	67.70	1982	73.88		
14000	7060	1309	30.72	1409	36.26	1500	41.85	1588	47.47	1675	53.12	1759	58.93	1841	64.93	1921	71.16	1998	77.49		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.



Wheel Diameter = 36.50 in.

Outlet Area = 2.41 sq. ft. inside

Tip Speed, fpm = 9.56 x RPM

Size

21 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
2500	1032	729	2.85	888	4.64	1024	6.67	1135	8.73	1242	11.07	1337	13.46	1444	16.54	1511	18.72	1585	21.33	1668	24.49
3000	1238	733	3.24	890	5.14	1022	7.23	1139	9.50	1250	12.06	1341	14.50	1444	17.58	1596	22.97	1685	26.57		
3500	1445	738	3.66	895	5.72	1028	7.97	1145	10.38	1256	13.08	1346	15.60	1444	18.70	1520	21.36	1604	24.61	1688	28.15
4000	1651	745	4.13	901	6.35	1033	8.75	1152	11.35	1256	14.02	1350	16.76	1446	19.92	1524	22.79	1612	26.30	1684	29.44
4500	1858	753	4.64	907	7.02	1037	9.55	1154	12.26	1259	15.08	1354	21.23	1448	23.00	1529	24.30	1616	27.94	1684	31.04
5000	2064	762	5.18	914	7.73	1044	10.44	1158	13.26	1263	16.24	1359	19.32	1451	22.63	1534	25.90	1616	29.45	1688	32.86
5500	2270	770	5.74	922	8.49	1051	11.39	1164	14.35	1268	17.47	1364	20.70	1455	24.12	1539	27.60	1618	31.13	1694	34.86
6000	2477	780	6.35	929	9.28	1057	12.33	1171	15.50	1274	18.77	1370	22.16	1460	25.70	1545	29.40	1621	32.97	1702	37.03
6500	2683	789	6.99	939	10.13	1065	13.35	1179	16.71	1281	20.13	1376	23.68	1465	27.35	1551	31.25	1627	34.95	1704	39.03
7000	2890	800	7.67	947	11.00	1074	14.42	1187	17.97	1288	21.55	1382	25.27	1470	29.09	1555	33.07	1633	37.05	1707	41.10
7500	3096	811	8.38	957	11.92	1083	15.56	1195	19.28	1295	23.03	1389	26.92	1477	30.89	1560	34.99	1640	39.27	1712	43.35
8000	3303	824	9.14	967	12.90	1092	16.73	1203	20.62	1303	24.57	1396	28.63	1484	32.78	1566	37.01	1645	41.41	1719	45.76
8500	3509	837	9.66	978	13.92	1101	17.94	1211	22.03	1311	26.16	1404	30.41	1491	34.74	1573	39.12	1650	43.61	1727	48.32
9000	3715	851	10.85	988	14.96	1110	19.20	1220	23.49	1320	27.82	1413	32.26	1499	36.78	1580	41.33	1657	45.94	1731	50.73
9500	3922	867	11.83	1000	16.06	1120	20.51	1230	25.02	1329	29.53	1421	34.18	1508	38.90	1589	43.64	1665	48.40	1737	52.25
10000	4128	883	12.88	1013	17.23	1131	21.87	1239	26.60	1338	31.31	1431	36.17	1516	41.01	1596	45.95	1674	50.99	1745	55.95
10500	4335	901	14.02	1026	18.48	1142	23.29	1249	28.23	1347	33.16	1439	38.18	1524	43.19	1604	48.29	1680	53.49	1754	58.80

Size

23 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 40.00 in.
Outlet Area = 2.90 sq. ft. inside
Tip Speed, fpm = 10.47 x RPM

Model 22 Maximum RPM 1671
Maximum Belt Drive Motor HP 125

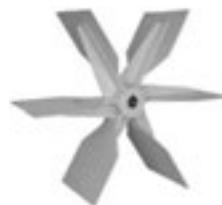
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3000 1037	666	3.46	811	5.64	935	8.11	1042	10.78	1134	13.46	1234	16.89	1305	19.62	1383	22.97	1472	27.19	1531	30.26
3500 1210	670	3.85	813	6.14	935	8.70	1042	11.47	1138	14.39	1235	17.85	1308	20.79	1391	24.48	1467	28.20	1528	31.50
4000 1383	674	4.26	818	6.72	938	9.37	1045	12.27	1141	15.35	1236	18.85	1312	22.01	1398	26.00	1464	29.37	1532	33.16
4500 1556	679	4.72	821	7.30	942	10.14	1048	13.14	1145	16.37	1238	19.92	1316	23.29	1398	27.25	1466	30.81	1540	35.08
5000 1729	685	5.23	827	7.98	948	10.95	1052	14.08	1149	17.43	1240	21.06	1320	24.64	1398	28.52	1470	32.43	1546	36.92
5500 1902	691	5.76	831	8.65	951	11.76	1057	15.08	1152	18.55	1242	22.27	1324	26.05	1400	29.94	1476	34.21	1543	38.33
6000 2074	697	6.32	836	9.40	955	12.64	1062	16.13	1156	19.72	1245	23.54	1328	27.53	1403	31.49	1480	35.97	1545	40.06
6500 2247	704	6.90	843	10.19	960	13.59	1066	17.22	1161	20.95	1249	24.89	1333	29.08	1407	33.15	1480	37.55	1549	42.03
7000 2420	711	7.50	848	11.00	966	14.61	1071	18.35	1165	22.25	1252	26.30	1335	30.57	1411	34.91	1482	39.31	1556	44.20
7500 2593	718	8.12	855	11.85	972	15.66	1076	19.55	1170	23.60	1257	27.79	1338	32.16	1417	36.78	1486	41.23	1556	46.05
8000 2766	726	8.77	862	12.74	978	16.73	1081	20.82	1175	25.02	1261	29.35	1342	33.84	1419	38.52	1492	43.31	1559	48.07
8500 2939	734	9.45	869	13.62	984	17.85	1087	22.13	1180	26.51	1266	30.99	1347	35.62	1423	40.39	1496	45.40	1563	50.31
9000 3112	743	10.18	876	14.54	991	19.00	1093	23.50	1186	28.05	1272	32.71	1352	37.50	1427	42.39	1499	47.44	1570	52.75
9500 3285	752	10.95	883	15.50	998	20.17	1100	24.90	1192	29.65	1278	34.50	1358	39.47	1433	44.51	1504	49.64	1572	54.99
10000 3457	762	11.78	891	16.49	1005	21.38	1106	26.33	1198	31.30	1284	36.36	1364	41.53	1439	46.74	1509	52.00	1576	57.38
11000 3803	787	13.65	908	18.62	1019	23.89	1120	29.30	1211	34.72	1296	40.20	1375	45.65	1449	51.20	1520	56.86	1588	62.69
12000 4149	813	15.79	928	20.97	1035	26.58	1135	32.41	1225	38.28	1309	44.15	1387	50.09	1461	56.07	1531	62.06	1597	68.08
13000 4495	840	18.11	950	23.64	1053	29.48	1150	35.67	1239	41.96	1323	48.31	1400	54.68	1473	61.04	1543	67.44	1609	73.91
14000 4840	865	20.52	976	26.66	1073	32.69	1166	39.14	1254	45.81	1337	52.59	1414	59.40	1487	66.30	1557	73.18	1622	80.02
15000 5186	890	23.08	1003	29.98	1096	36.28	1185	42.93	1271	49.95	1352	57.07	1428	64.31	1500	71.56	1569	78.86	1634	86.16
16000 5532	920	26.14	1030	33.46	1121	40.26	1206	47.08	1288	54.30	1368	61.80	1443	69.43	1515	77.14	1583	84.84	1648	92.59
17000 5878	955	29.79	1054	37.05	1148	44.57	1230	51.69	1308	59.10	1385	66.84	1459	74.77	1530	82.87	1598	91.07	1663	99.28
18000 6223	994	34.05	1078	40.79	1175	49.16	1255	56.71	1330	64.28	1404	72.21	1476	80.49	1546	88.87	1612	97.40		
19000 6569	1036	38.89	1106	45.03	1201	53.92	1282	62.10	1355	69.98	1425	78.08	1495	86.53	1563	95.23	1628	104.07		
20000 6915	1079	44.28	1138	49.98	1225	58.68	1309	67.80	1381	76.15	1449	84.47	1515	93.04	1581	102.02	1645	111.12		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

26 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 45.125 in.
Outlet Area = 3.69 sq. ft. inside
Tip Speed, fpm = 11.81 x RPM

Model 22 Maximum RPM 1481
Maximum Belt Drive Motor HP 150

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000 1082	589	4.5	717	7.3	825	10.5	919	13.9	1006	17.6	1084	21.5	1161	25.8	1223	29.7	1291	34.4	1368	40.2
4500 1218	594	4.9	720	7.9	827	11.1	922	14.7	1007	18.4	1092	22.8	1158	26.7	1230	31.3	1299	36.2	1352	40.4
5000 1353	595	5.3	723	8.5	830	11.8	925	15.5	1009	19.4	1090	23.7	1161	27.9	1235	32.8	1293	37.1	1358	42.2
5500 1488	599	5.8	726	9.1	832	12.6	928	16.4	1012	20.4	1090	24.6	1169	29.5	1231	33.8	1299	38.9	1362	44.1
6000 1623	603	6.3	729	9.7	835	13.3	931	17.4	1016	21.6	1092	25.8	1166	30.5	1301	40.4	1359	45.3		
6500 1759	606	6.8	732	10.3	838	14.1	933	18.3	1018	22.6	1097	27.2	1167	31.7	1240	36.9	1300	41.7	1367	47.5
7000 1894	611	7.3	735	11.0	841	15.0	935	19.2	1019	23.6	1098	28.4	1171	33.2	1238	38.2	1306	43.7	1364	48.8
7500 2029	615	7.9	739	11.7	844	15.9	937	20.2	1021	24.8	1099	29.6	1174	34.7	1241	39.8	1306	45.2	1367	50.7
8000 2164	620	8.5	742	12.5	848	16.8	940	21.3	1025	26.0	1102	30.9	1174	36.0	1245	41.5	1307	46.8	1371	52.7
9000 2435	629	9.6	751	14.1	856	18.8	947	23.6	1032	28.6	1109	33.8	1182	39.3	1248	44.8	1312	50.5	1375	56.6
10000 2706	640	10.9	760	15.9	863	20.9	955	26.0	1037	31.3	1115	36.8	1186	42.5	1253	48.3	1319	54.5	1378	60.5
11000 2976	651	12.3	770	17.7	872	23.1	963	28.6	1046	34.3	1121	40.1	1193	46.0	1260	52.2	1325	58.6	1383	64.9
12000 3247	664	13.8	780	19.5	881	25.5	972	31.5	1053	37.4	1164	52.6	1201	50.0	1267	56.4	1330	62.8	1389	69.5
13000 3517	678	15.4	791	21.5	891	27.9	980	34.3	1062	40.8	1137	47.2	1207	53.9	1274	60.6	1336	67.4	1396	74.5
14000 3788	695	17.3	803	23.7	901	30.4	990	37.3	1071	44.2	1146	51.1	1215	58.1	1281	65.2	1344	72.4	1404	79.8
15000 4058	713	19.4	816	26.0	912	33.1	1000	40.3	1080	47.7	1155	55.1	1224	62.5	1290	70.0	1352	77.5	1412	85.3
16000 4329	732	21.7	831	28.5	924	35.9	1011	43.6	1091	51.4	1164	59.2	1234	67.1	1299	75.0	1361	82.9	1419	90.9
17000 4599	750	24.1	847	31.3	937	38.9	1021	46.9	1100	55.1	1174	63.3	1242	71.7	1308	80.1	1369	88.5	1427	96.8
18000 4870	767	26.5	866	34.4	951	42.1	1033	50.4	1111	59.0	1184	67.7	1252	76.4	1316	85.2	1378	94.1	1436	102.9
19000 5141	784	29.0	884	37.7</td																

Wheel Diameter = 50.50 in.

Outlet Area = 4.62 sq. ft. inside

Tip Speed, fpm = 13.22 x RPM



Model 22 Maximum RPM 1324

Maximum Belt Drive Motor HP 200

Size

29 SISW

Design 6610 LS Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
6000	1305	533	6.5	646	10.2	745	14.5	830	19.0	906	23.9	974	28.8	1046	34.6	1101	39.8	1160	45.6	1225	52.8
7000	1522	538	7.4	651	11.4	746	15.8	831	20.6	907	25.7	979	31.1	1045	36.8	1106	42.6	1163	48.6	1226	55.8
8000	1740	543	8.4	656	12.8	751	17.5	835	22.5	912	27.8	984	33.7	1046	39.3	1110	45.6	1166	51.7	1227	59.0
9000	1957	549	9.4	661	14.1	755	19.1	839	24.5	916	30.2	985	36.0	1049	42.0	1113	48.7	1169	54.9	1228	62.3
10000	2175	556	10.6	666	15.6	760	21.0	843	26.6	919	32.4	988	38.6	1053	45.0	1117	51.9	1172	58.4	1230	65.9
11000	2392	563	11.8	672	17.3	765	22.9	849	28.9	923	35.0	992	41.4	1057	48.1	1120	55.2	1175	62.0	1232	69.6
12000	2610	570	13.0	679	19.0	771	25.0	853	31.3	929	37.8	997	44.4	1062	51.4	1123	58.7	1179	65.8	1235	73.6
13000	2827	578	14.3	685	20.7	777	27.2	859	33.8	934	40.7	1003	47.7	1067	54.9	1127	62.4	1183	69.8	1238	77.8
14000	3045	586	15.7	693	22.6	784	29.5	865	36.5	939	43.6	1008	51.0	1072	58.6	1132	66.3	1187	74.1	1242	82.2
15000	3262	595	17.2	700	24.4	791	31.8	872	39.3	945	46.8	1013	54.5	1077	62.4	1136	70.4	1192	78.5	1246	86.9
16000	3480	606	18.9	708	26.4	798	34.2	878	42.2	951	50.1	1019	58.2	1082	66.4	1141	74.7	1197	83.1	1251	91.7
17000	3697	618	20.8	716	28.5	805	36.8	885	45.1	958	53.5	1025	62.0	1088	70.5	1147	79.2	1203	88.0	1256	96.9
18000	3915	631	22.8	725	30.7	813	39.3	892	48.1	964	57.0	1031	65.9	1094	74.9	1153	83.9	1208	93.0	1261	102.2
19000	4132	644	24.9	735	33.1	821	42.0	899	51.3	971	60.6	1037	69.9	1100	79.3	1159	88.8	1214	98.3	1267	107.8
20000	4350	658	27.2	746	35.7	829	44.9	907	54.5	978	64.2	1044	74.0	1106	83.9	1165	93.8	1221	103.7	1273	113.6
21000	4567	671	29.6	758	38.6	838	47.9	915	57.8	985	68.0	1051	78.2	1113	88.5	1171	98.9	1226	109.2	1279	119.6
22000	4784	683	32.0	771	41.6	848	51.1	923	61.3	993	71.8	1058	82.5	1120	93.3	1178	104.0	1232	114.8	1285	125.6
23000	5002	695	34.4	784	44.8	859	54.6	932	65.0	1001	75.9	1066	86.9	1127	98.1	1184	109.2	1239	120.4	1291	131.7
24000	5219	708	37.1	798	48.2	871	58.3	941	68.8	1009	80.0	1073	91.4	1134	103.1	1191	114.6	1245	126.3	1297	137.9
25000	5437	722	40.1	811	51.7	884	62.2	952	73.0	1018	84.4	1081	96.1	1141	108.1	1198	120.1	1252	132.2	1304	144.3
26000	5654	739	43.5	824	55.2	897	66.4	963	77.4	1027	89.0	1090	101.0	1149	113.3	1206	125.8	1260	138.3	1311	150.9
27000	5872	757	47.3	836	58.8	910	70.7	975	82.1	1037	93.8	1098	106.1	1157	118.7	1213	131.6	1267	144.6	1318	157.6
28000	6089	776	51.4	848	62.5	924	75.3	988	87.0	1048	98.9	1108	111.5	1165	124.3	1221	137.6	1274	150.9		
29000	6307	796	55.9	860	66.4	937	80.0	1001	92.2	1059	104.3	1117	117.0	1174	130.2	1229	143.7	1282	157.3		
30000	6524	817	60.8	874	70.7	950	84.7	1014	97.6	1072	110.0	1128	122.9	1184	136.3	1237	150.0	1290	164.1		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 57.50 in.

Outlet Area = 5.99 sq. ft. inside

Tip Speed, fpm = 15.05 x RPM



Model 22 Maximum RPM 1163

Maximum Belt Drive Motor HP 250

Size

33 SISW

Design 6610 LS Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
6000	1008	464	7.0	565	11.4	649	16.3	726	21.9	791	27.5	855	33.9	908	39.9	968	47.4	1022	54.9	1062	61.0
7000	1176	466	7.7	566	12.4	653	17.8	729	23.5	793	29.3	912	42.4	975	50.7	1018	56.8	1064	64.1		
8000	1344	469	8.6	569	13.5	654	19.0	729	25.0	795	31.2	858	37.9	915	44.9	972	52.5	1019	59.6	1071	68.0
9000	1512	473	9.5	572	14.7	656	20.4	730	26.6	797	33.1	860	40.1	919	47.6	971	54.9	1022	62.8	1076	71.9
10000	1679	476	10.5	575	16.0	659	22.0	732	28.4	799	35.2	861	42.4	922	50.3	972	57.6	1027	66.4	1073	74.3
11000	1847	480	11.5	578	17.4	662	23.7	735	30.3	802	37.4	863	44.8	923	52.9	975	60.7	1028	69.4	1074	77.6
12000	2015	484	12.6	582	18.8	665	25.4	738	32.4	805	39.7	866	47.4	924	55.5	978	63.9	1028	72.4	1077	81.4
13000	2183	489	13.8	585	20.3	668	27.3	741	34.5	807	42.1	869	50.1	926	58.4	982	67.4	1030	75.8	1082	85.6
14000	2351	493	14.9	590	22.0	672	29.2	744	36.8	810	44.7	871	52.9	928	61.4	983	70.5	1033	79.5	1081	88.9
15000	2519	498	16.2	594	23.7	675	31.3	748	39.2	814	47.3	875	55.9	931	64.7	984	73.8	1037	83.6	1083	92.8
16000	2687	503	17.4	598	25.4	680	33.4	752	41.6	817	50.1	878	59.0	934	68.1	987	77.4	1038	87.2	1086	97.2
17000	2855	509	18.8	603	27.1	684	35.6	756	44.2	821	53.1	882	62.3	938	71.7	990	81.3	1040	91.1	1090	101.7
18000	3023	514	20.2	608	29.0	688	37.9	760	46.9	825	56.1	885	65.6	941	75.3	995	85.4	1043	95.4	1091	105.8
19000	3191	520	21.7	613	30.9	693	40.3	764	49.7	829	59.3	888	69.1	944	79.0	997	89.3	1048	100.0	1094	110.4
20000	3359	527	23.3	618	32.8	698	42.6	768	52.5	833	62.6	892	72.6	948	82.9	1000	93.5	1050	104.3	1098	115.5
22000	3695	543	26.8	629	36.9	708	47.6	777	58.4	841	69.3	900	80.2	956	91.3	1008	102.5	1057	113.8	1103	125.4
24000	4031	561	31.0	642	41.4	718	52.8	787	64.4	850	76.2	910	88.2	964	99.9	1015	111.9	1064	124.0	1111	136.4
26000	4367	579	35.5	656	46.6	729	58.4	797	70.9	860	83.5	918	96.2	973	109.0	1024	121.9	1073	134.8	1119	147.7
28000	4703	596	40.2	673	52.3	742	64.6	808	77.7	870	91.1	928	104.7	982	118.4	1032	132.0	1081	145.8</td		

Size

37 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 64.375 in.
Outlet Area = 7.49 sq. ft. inside
Tip Speed, fpm = 16.85 x RPM

Model 22 Maximum RPM 1038
Maximum Belt Drive Motor HP 300

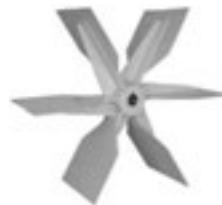
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000 1069	414	9.1	504	14.8	580	21.2	646	28.0	706	35.4	763	43.5	814	51.8	859	59.8	909	69.7	958	80.5
9000 1202	416	9.9	505	15.8	582	22.5	648	29.6	707	37.1	767	45.9	813	53.7	866	63.4	911	72.6	949	81.3
10000 1336	418	10.7	507	16.9	583	23.9	651	31.4	709	39.1	765	47.5	817	56.4	866	65.8	908	74.7	956	85.5
11000 1470	420	11.6	510	18.1	585	25.3	653	33.1	712	41.2	765	49.6	820	59.2	865	68.0	915	78.7	956	88.4
12000 1603	423	12.6	512	19.4	587	26.8	653	34.8	714	43.4	768	52.1	819	61.2	869	71.3	913	81.1	955	91.3
13000 1737	426	13.6	514	20.7	589	28.4	654	36.6	714	45.3	771	54.7	820	63.9	869	74.1	914	84.1	962	95.9
14000 1870	429	14.6	516	22.1	591	30.1	656	38.5	716	47.4	771	56.9	824	67.1	869	76.7	919	88.2	958	98.2
16000 2138	435	16.9	521	25.1	595	33.7	660	42.6	720	52.2	775	62.1	825	72.3	874	83.2	919	94.3	962	105.7
18000 2405	441	19.3	527	28.3	600	37.5	666	47.3	724	57.2	778	67.7	829	78.7	878	90.1	921	101.3	967	113.9
20000 2672	448	21.8	533	31.7	606	41.7	670	52.0	729	62.7	793	73.9	833	85.3	880	96.9	925	109.1	969	121.8
22000 2939	456	24.5	540	35.3	612	46.2	676	57.3	734	68.6	787	80.2	837	92.2	884	104.5	930	117.5	972	130.2
24000 3206	465	27.4	547	39.0	619	50.9	682	62.8	739	74.9	793	87.3	843	99.8	890	112.8	934	126.1	976	139.3
26000 3474	475	30.7	555	42.9	625	55.6	688	68.5	745	81.4	798	94.5	848	107.9	895	121.4	938	135.1	980	149.1
28000 3741	486	34.4	562	47.1	632	60.6	695	74.4	752	88.3	804	102.1	853	116.1	899	130.3	943	144.7	985	159.5
30000 4008	499	38.5	571	51.7	640	65.9	701	80.5	758	95.2	810	110.1	859	124.9	905	139.8	949	154.9	990	170.4
32000 4275	512	43.0	581	56.7	647	71.5	709	86.8	765	102.5	817	118.2	865	134.0	911	149.7	954	165.6	996	181.8
34000 4542	524	47.7	593	62.2	656	77.4	716	93.5	772	110.0	823	126.5	872	143.3	917	159.9	961	176.6	1002	193.6
36000 4810	536	52.5	605	68.3	666	83.9	724	100.5	779	117.7	830	135.0	878	152.7	924	170.4	967	188.0	1008	205.8
38000 5077	548	57.5	618	74.8	676	90.8	733	107.9	787	125.7	837	144.0	885	162.3	930	181.0	973	199.6	1014	218.2
40000 5344	561	63.2	631	81.6	688	98.4	742	115.9	795	134.3	845	153.3	892	172.3	937	191.8	980	211.4	1020	230.8
42000 5611	577	69.7	644	88.7	701	106.7	753	124.5	804	143.3	853	162.9	899	182.7	944	203.0	986	223.4	1027	243.7
44000 5878	594	77.1	656	95.9	714	115.4	764	133.8	813	153.0	861	173.0	907	193.5	951	214.5	993	235.7	1034	257.0
46000 6146	613	85.5	667	103.3	727	124.5	777	143.8	824	163.3	870	183.7	915	204.8	959	226.5	1001	248.5		
48000 6413	632	94.8	679	111.3	739	133.9	790	154.4	835	174.3	880	195.1	924	216.7	966	238.9	1008	261.7		
50000 6680	653	105.0	694	120.4	751	143.4	802	165.4	847	186.2	890	207.2	933	229.1	975	251.9	1016	275.2		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

41 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 71.25 in.
Outlet Area = 9.20 sq. ft. inside
Tip Speed, fpm = 18.65 x RPM

Model 22 Maximum RPM 938
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000 870	371	9.9	452	16.4	521	23.6	585	32.3	633	40.0	691	50.6	731	59.0	771	68.3	815	79.7		
10000 1088	374	11.3	455	18.3	523	26.1	583	34.6	639	44.0	687	53.4	737	64.5	775	73.9	818	85.5		
12000 1306	377	13.0	457	20.5	527	29.0	587	38.1	641	47.7	689	57.5	740	69.3	779	79.5	820	91.2		
14000 1523	381	14.8	460	22.9	528	31.7	588	41.2	642	51.3	692	62.2	739	73.5	782	85.2	822	97.1		
16000 1741	384	16.7	464	25.5	531	34.9	591	45.0	645	55.7	696	67.3	740	78.5	785	91.1	824	103.3		
18000 1958	389	18.9	467	28.3	534	38.3	594	48.9	648	60.3	697	71.9	742	84.0	788	97.3	827	109.9		
20000 2176	393	21.2	471	31.3	538	42.0	596	53.1	650	64.9	699	77.1	745	89.9	790	103.8	829	116.7		
22000 2394	398	23.5	476	34.6	541	45.9	600	57.8	653	70.0	702	82.8	748	96.2	792	110.4	831	124.0		
24000 2611	403	26.0	480	38.0	546	50.1	604	62.5	657	75.5	705	88.9	751	102.8	795	117.3	834	131.6		
26000 2829	409	28.7	485	41.5	550	54.4	608	67.6	661	81.3	709	95.3	755	109.9	797	124.7	837	139.7		
28000 3046	415	31.4	490	45.1	555	59.1	612	73.1	664	87.3	713	102.1	758	117.2	800	132.5	840	148.1		
30000 3264	421	34.5	495	48.9	559	63.7	616	78.6	668	93.6	717	109.0	762	124.8	804	140.7	843	156.9		
32000 3482	429	37.8	501	52.9	564	68.5	621	84.3	673	100.2	720	116.3	765	132.8	807	149.4	847	166.2		
34000 3699	437	41.5	506	57.0	570	73.6	626	90.2	677	107.1	725	123.9	769	141.1	811	158.4	851	175.9		
36000 3917	446	45.5	513	61.5	575	78.7	631	96.3	682	114.1	729	131.7	774	149.7	815	167.9	855	186.1		
38000 4135	456	49.9	520	66.3	580	84.1	636	102.6	687	121.2	734	139.8	778	158.6	820	177.6	859	196.6		
40000 4352	465	54.5	528	71.5	586	89.8	641	109.0	692	128.5	739	148.0	783	167.8	824	187.6	863	207.5		
42000 4570	474	59.2	536	77.1	593	95.8	647	115.7	697	135.9	743	156.3	787	177.1	829	197.8	868	218.4		
44000 4787	483	64.0	545	83.2	600	102.3	653	122.6	702	143.7	749	164.9	792	186.6	833	208.0	872	229.6		
46000 5005	492	68.9	555	89.6	608	109.2	659	130.0	708	151.7	754	173.8	797	196.3	838	218.5	876	240.9		
48000 5223	501	74.3	564	96.4	616	116.6	666	137.7	714	160.1	759	182.9	802	206.1	843	229.2	881	252.5		
50000 5440	511	80.3	574	103.4	625	124.5	673	146.0	720	168.8	765	192.3	807	216.3	848	240.2	886	264.4</		

Wheel Diameter = 78.25 in.

Outlet Area = 11.08 sq. ft. inside

Tip Speed, fpm = 20.49 x RPM



Model 22 Maximum RPM 854

Maximum Belt Drive Motor HP 350

Size

45 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
12000	1084	341	13.6	414	22.0	477	31.4	531	41.6	581	52.8	626	64.4	671	77.4	706	88.9	746	103.0	790	120.3
14000	1264	343	15.2	417	24.3	478	34.1	533	44.8	584	56.7	628	68.5	672	81.8	709	94.3	750	109.8	785	124.1
16000	1445	345	16.9	418	26.5	481	37.1	535	48.3	586	60.8	629	72.8	673	86.5	711	100.0	753	116.3	784	129.3
18000	1626	348	18.9	421	29.0	482	40.0	538	52.0	587	64.6	631	77.4	674	91.4	713	105.8	752	121.2	785	135.8
20000	1806	351	20.9	423	31.6	484	43.2	539	55.6	588	68.7	633	82.2	675	96.6	716	111.9	752	127.0	788	143.0
22000	1987	355	23.1	426	34.6	487	46.7	541	59.5	590	73.2	635	87.3	677	102.2	718	118.3	753	133.4	791	150.8
24000	2168	358	25.4	429	37.6	490	50.4	543	63.8	592	77.9	637	92.7	679	108.0	720	124.6	755	140.3	792	158.2
26000	2348	362	27.7	432	40.8	492	54.2	546	68.3	594	83.0	639	98.3	681	114.1	721	130.9	758	147.8	793	165.2
28000	2529	366	30.2	436	44.2	495	58.3	549	73.1	597	88.3	641	104.2	683	120.6	722	137.7	760	155.7	794	173.0
30000	2710	370	32.8	439	47.6	499	62.7	552	78.1	599	93.9	644	110.4	685	127.4	724	144.9	762	163.3	796	181.5
32000	2890	374	35.4	443	51.2	503	67.2	555	83.4	602	99.8	647	116.9	688	134.5	726	152.5	763	171.1	799	190.7
34000	3071	378	38.3	447	54.9	506	71.7	558	88.8	605	105.9	650	123.8	691	142.0	729	160.5	766	179.5	801	199.6
36000	3252	383	41.3	451	58.6	509	76.4	562	94.4	609	112.3	653	130.9	694	149.9	732	169.0	768	188.5	803	208.6
38000	3432	389	44.6	455	62.5	513	81.2	565	100.1	612	118.9	656	138.3	697	157.7	735	177.7	771	197.9	805	218.3
40000	3613	395	48.2	459	66.7	517	86.1	569	105.9	615	125.6	659	145.8	699	165.8	737	186.4	774	207.5	808	228.7
42000	3793	402	52.0	464	71.0	521	91.2	572	111.8	619	132.5	662	153.4	702	174.3	740	195.5	776	217.1	811	239.3
44000	3974	409	56.2	469	75.6	525	96.5	576	118.0	623	139.6	666	161.3	706	183.0	744	205.0	779	227.2	814	249.8
46000	4155	416	60.6	474	80.5	529	101.9	580	124.2	626	146.8	669	169.3	709	192.0	747	214.9	783	237.9	817	260.9
48000	4335	423	65.2	480	85.6	534	107.6	584	130.7	630	154.1	673	177.5	713	201.3	751	225.0	786	248.9	820	272.8
50000	4516	430	69.9	487	91.2	539	113.6	588	137.4	634	161.6	676	185.9	716	210.5	754	234.9	789	259.5	823	284.4
54000	4877	443	79.5	500	103.4	550	126.5	597	151.3	642	177.0	684	203.2	723	229.3	761	255.8	796	282.2	830	308.6
58000	5239	457	90.0	515	116.7	562	141.1	607	166.6	651	193.6	692	221.1	731	249.3	768	277.1	803	305.3	836	333.5
62000	5600	473	102.7	529	130.8	576	157.2	619	183.6	660	211.4	701	240.4	739	269.6	776	299.5	811	329.7	844	359.7
66000	5961	493	117.8	542	145.2	590	174.8	631	202.3	671	230.8	710	260.6	748	291.5	784	322.6	818	354.1	851	385.8
70000	6322	514	135.4	555	160.5	605	193.4	645	222.9	683	252.1	721	282.7	757	314.5	793	347.2	826	380.0		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.



Model 22 Maximum RPM 784

Maximum Belt Drive Motor HP 350

Size

49 SISW**Design 6610 LS Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
14000	1066	313	15.9	380	25.9	438	37.2	488	49.1	533	62.0	576	76.3	615	90.6	648	104.8	687	122.3	723	140.8
16000	1219	315	17.6	382	28.0	439	39.6	489	52.2	534	65.6	579	81.0	614	94.7	652	111.1	689	128.8	718	143.5
18000	1371	316	19.2	384	30.4	440	42.3	490	55.4	535	69.3	579	84.9	616	99.6	657	117.9	687	132.6	720	150.3
20000	1524	319	21.1	385	32.6	442	45.3	492	58.9	537	73.3	579	88.9	618	105.0	654	121.7	688	138.7	726	159.4
22000	1676	320	23.0	387	35.2	443	48.4	493	62.6	538	77.5	580	93.3	621	110.9	655	126.9	692	146.3	722	163.6
24000	1828	323	25.1	389	37.9	445	51.7	495	66.4	540	82.0	581	98.2	621	115.6	657	133.2	692	151.8	723	170.2
26000	1981	325	27.3	392	40.9	447	55.2	497	70.4	542	86.6	583	103.3	621	120.9	660	140.2	692	157.8	727	178.7
28000	2133	328	29.6	394	43.9	450	58.9	499	74.7	544	91.5	585	108.9	623	126.7	660	145.7	694	165.2	726	185.1
30000	2285	331	31.9	396	47.0	452	62.8	501	79.1	546	96.6	587	114.7	625	133.0	660	152.0	696	172.8	727	192.3
32000	2438	334	34.3	398	50.3	454	66.8	503	83.8	547	101.7	588	120.2	627	139.7	662	159.1	696	179.3	730	201.1
34000	2590	337	36.8	401	53.7	456	71.0	505	88.7	549	107.0	590	126.0	628	145.8	665	166.8	698	187.0	730	208.8
36000	2742	340	39.4	404	57.2	459	75.3	507	93.8	551	112.6	592	132.2	630	152.5	666	173.5	701	195.7	731	216.9
38000	2895	343	42.1	407	60.8	462	79.8	510	99.1	553	118.5	594	138.8	632	159.7	667	181.0	701	203.2	734	226.3
40000	3047	347	44.9	410	64.5	464	84.4	512	104.4	556	124.7	597	145.8	635	167.4	670	189.3	703	211.5	735	234.9
42000	3199	351	47.9	413	68.3	467	89.0	515	109.9	558	131.1	599	152.7	636	174.7	672	197.5	705	220.8	737	244.0
46000	3504	359	54.5	419	76.1	473	98.6	520	121.3	563	144.2	603	167.2	641	190.7	676	214.5	709	238.7	741	263.6
50000	3809	369	62.1	426	84.7	479	108.6	526	133.2	569	157.8	609	182.8	645	207.5	680	232.7	713	258.5	746	285.0
54000	4113	381	70.6	434	94.0	485	119.3	532	145.6	574	172.1	614	198.5	651	225.5	686	252.4	719	279.5	750	306.5
58000	4418	392	79.9	444	104.5	492	130.9	538	158.4	580	186.6	619	215.1	656	243.4	690	272.0	723	300.6	754	329.4
62000	4723	402																			

Size

54 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 93.75 in.
Outlet Area = 15.90 sq. ft. inside
Tip Speed, fpm = 24.54 x RPM

Model 22 Maximum RPM 713
Maximum Belt Drive Motor HP 350

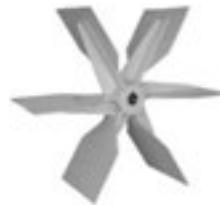
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
20000	1254	286	21.7	348	34.8	398	48.8	444	64.2	486	81.2	524	98.5	559	117.1	591	135.5	626	158.3	654	177.6
22000	1380	287	23.5	349	37.0	399	51.6	445	67.5	486	84.5	526	103.7	559	121.2	596	143.4	623	161.7	653	182.7
24000	1505	289	25.3	350	39.4	401	54.5	446	71.2	487	88.5	525	107.1	562	127.3	593	146.7	625	168.0	657	191.9
28000	1756	292	29.3	352	44.5	403	60.9	449	78.6	490	97.3	528	117.1	562	136.8	597	159.2	626	179.9	658	204.9
32000	2007	296	33.6	355	50.2	407	67.9	451	86.4	492	106.0	529	126.5	564	148.2	598	170.9	628	193.3	658	217.7
36000	2258	300	38.3	359	56.4	409	75.3	454	95.2	495	116.0	532	137.8	567	160.6	599	183.2	631	207.7	660	232.2
40000	2509	304	43.1	363	63.1	413	83.3	457	104.4	497	126.4	535	149.2	569	172.7	601	197.0	634	223.2	662	247.8
44000	2760	309	48.2	367	70.0	417	92.0	460	114.5	500	137.6	537	161.5	572	186.2	604	211.9	635	238.4	664	264.6
48000	3011	314	53.7	371	77.2	420	101.0	464	125.1	504	149.8	541	175.0	575	200.9	608	227.9	638	254.7	666	282.4
52000	3262	320	59.8	376	84.7	425	110.3	468	136.3	507	162.2	544	189.0	578	216.3	610	244.0	640	272.0	669	301.1
56000	3512	326	66.5	381	92.7	429	120.1	472	147.7	511	175.6	547	203.5	581	232.1	613	261.1	643	290.5	672	320.9
60000	3763	334	74.0	386	101.2	433	130.1	477	159.7	515	189.3	551	218.9	585	248.9	617	279.2	647	310.1	675	341.7
64000	4014	342	82.3	392	110.3	438	140.7	481	171.7	519	203.2	555	235.0	589	266.4	620	298.3	650	330.5	679	363.5
68000	4265	350	91.3	398	120.3	443	151.8	485	184.4	524	217.6	560	251.2	593	284.5	624	318.0	654	351.8	682	386.2
72000	4516	359	100.6	405	131.3	449	163.5	490	197.8	528	232.6	564	267.7	597	303.1	628	338.3	658	373.7	686	409.6
76000	4767	366	110.2	413	143.3	455	176.3	495	211.6	533	248.0	568	284.7	601	322.2	632	359.0	662	396.2	690	433.7
80000	5018	374	120.1	422	156.2	462	190.1	501	226.2	538	264.0	573	302.3	606	341.4	636	380.2	666	419.2	694	458.3
84000	5269	382	131.0	430	169.7	469	205.0	507	241.9	543	280.7	577	320.6	610	361.3	641	401.9	670	442.5	698	483.4
88000	5520	391	143.4	438	183.7	477	221.1	513	258.6	548	298.4	582	339.7	615	381.8	645	424.0	674	466.4	702	509.0
92000	5770	402	157.7	446	198.0	486	238.2	520	276.7	554	317.2	588	359.6	619	403.0	650	446.9	678	490.9	706	535.2
96000	6021	414	173.7	453	212.5	494	256.2	528	296.1	561	337.2	593	380.4	625	425.1	654	470.4	683	516.0	710	562.0
100000	6272	426	191.3	461	227.9	502	274.8	536	316.7	568	358.6	599	402.5	630	448.3	659	494.8	688	541.9		
105000	6586	442	215.7	472	249.4	512	298.4	547	343.8	578	387.3	607	432.0	637	478.6	666	526.8	694	575.5		
110000	6899	459	242.7	484	274.2	521	322.3	557	372.3	588	418.2	617	464.0	645	511.2	673	560.6	700	610.7		
115000	7213	476	272.3	498	302.1	530	347.4	567	401.6	598	450.7	626	498.3	653	546.2	681	595.6	707	647.7		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

60 SISW**Design 6610 LS Industrial Centrifugal Fans**

Wheel Diameter = 104.25 in.
Outlet Area = 19.65 sq. ft. inside
Tip Speed, fpm = 27.29 x RPM

Model 22 Maximum RPM 641
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
20000	1016	255	23.3	311	38.1	357	54.3	400	73.0	435	91.0	471	112.9	500	132.2	532	156.5	563	183.0	585	202.8
25000	1270	257	27.1	313	43.2	359	60.7	400	79.9	438	101.2	471	121.9	504	146.0	532	168.0	562	195.1	590	221.4
30000	1524	260	31.6	315	49.0	361	67.9	402	88.3	438	110.0	473	133.3	505	157.5	534	182.5	562	208.0	592	239.0
35000	1778	263	36.6	317	55.5	363	75.8	405	98.1	442	121.4	475	145.2	506	170.0	538	198.4	563	223.5	592	253.2
40000	2032	267	42.1	320	62.7	366	84.6	406	107.7	443	132.0	476	157.6	509	184.9	538	212.0	566	240.7	592	270.0
45000	2286	270	47.9	323	70.5	369	94.2	409	118.7	446	144.9	480	172.0	510	199.5	539	228.0	569	259.2	594	288.5
50000	2540	274	53.9	327	78.9	372	104.2	412	130.6	448	157.6	481	185.9	512	215.1	542	245.6	570	277.4	596	308.4
55000	2794	279	60.4	331	87.6	375	115.0	415	143.0	451	172.1	484	201.7	515	232.5	545	264.7	572	296.6	598	329.8
60000	3048	283	67.4	335	96.7	379	126.6	418	156.6	454	187.0	487	218.7	518	251.1	547	283.9	574	317.3	600	352.3
65000	3302	289	75.1	339	106.1	383	138.1	422	170.4	457	203.0	490	236.0	521	269.8	549	304.2	577	339.4	603	376.2
70000	3556	295	83.6	343	116.2	387	150.4	426	185.0	461	219.9	493	254.6	524	290.0	552	326.1	579	362.9	606	401.2
75000	3810	302	93.2	348	127.0	391	163.0	429	199.8	464	236.7	497	274.2	527	311.3	555	349.1	583	387.7	609	427.5
80000	4064	309	103.8	354	138.5	395	176.4	433	215.1	468	254.4	501	294.0	531	333.6	559	373.2	586	413.6	612	454.9
85000	4318	317	115.1	360	151.3	400	190.3	438	231.3	472	272.8	504	314.2	535	356.5	563	398.2	589	440.4	615	483.2
90000	4572	324	126.9	366	165.3	405	205.4	442	247.9	476	291.3	508	335.0	538	379.4	566	423.8	593	468.1	618	512.7
95000	4826	331	139.0	374	180.6	411	221.6	447	265.4	481	310.7	512	356.6	542	403.0	570	449.9	597	496.4	622	543.0
100000	5080	338	151.5	381	196.9	417	239.1	452	284.0	485	330.9	516	379.0	546	427.2	574	476.3	600	525.2	625	574.2
105000	5335	346	165.6	389	214.0	424	258.1	458	304.0	490	352.2	521	402.2	550	452.3	578	503.4	604	554.6	629	605.8
110000	5589	355	181.7	396	231.7	432	278.6	464	325.4	495	374.7	526	426.3	554	478.2	582	531.3	608	584.6	633	637.9
115000	5843	365	200.0																		

Wheel Diameter = 12.25 in.

Outlet Area = 0.27 sq. ft. inside

Tip Speed, fpm = 3.21 x RPM

Model 22 Maximum RPM 5457[†]

Maximum Belt Drive Motor HP 15

Size

7 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	1"SP		2"SP		3"SP		4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP									
300	1105	1154	0.08	1569	0.16	1904	0.25	2194	0.35	2679	0.57	3088	0.82	3464	1.11	3776	1.40	4111	1.77	4342	2.06
350	1289	1191	0.09	1588	0.18	1913	0.28	2199	0.38	2687	0.62	3093	0.88	3463	1.17	3789	1.49	4086	1.82	4354	2.16
400	1473	1224	0.11	1616	0.21	1932	0.31	2208	0.42	2694	0.67	3097	0.94	3463	1.24	3799	1.58	4081	1.90	4379	2.29
450	1657	1256	0.13	1650	0.24	1954	0.35	2223	0.47	2694	0.73	3102	1.02	3463	1.32	3805	1.67	4084	2.00	4384	2.40
500	1841	1290	0.15	1686	0.27	1986	0.39	2246	0.52	2703	0.79	3109	1.09	3464	1.41	3797	1.76	4093	2.12	4367	2.49
550	2025	1326	0.17	1719	0.30	2019	0.43	2273	0.57	2720	0.86	3118	1.18	3468	1.50	3794	1.86	4104	2.24	4366	2.61
600	2210	1364	0.20	1752	0.33	2055	0.48	2306	0.62	2742	0.93	3131	1.26	3475	1.60	3796	1.97	4099	2.36	4374	2.76
650	2394	1404	0.22	1785	0.37	2089	0.52	2341	0.68	2769	1.01	3148	1.35	3486	1.71	3802	2.09	4098	2.48	4387	2.91
700	2578	1447	0.26	1819	0.41	2121	0.57	2378	0.74	2800	1.09	3169	1.45	3501	1.82	3814	2.21	4104	2.62	4380	3.05
750	2762	1491	0.29	1854	0.45	2154	0.62	2411	0.81	2834	1.17	3194	1.55	3521	1.94	3830	2.35	4116	2.77	4385	3.20
800	2946	1539	0.33	1891	0.50	2187	0.68	2443	0.87	2868	1.26	3224	1.66	3546	2.06	3851	2.49	4135	2.93	4398	3.38
850	3130	1588	0.37	1929	0.55	2222	0.74	2476	0.94	2903	1.35	3256	1.77	3577	2.20	3869	2.63	4147	3.08	4415	3.56
900	3314	1639	0.42	1969	0.61	2257	0.81	2508	1.01	2936	1.44	3290	1.88	3606	2.33	3893	2.78	4165	3.25	4425	3.73
950	3499	1691	0.48	2010	0.67	2292	0.88	2541	1.08	2699	1.53	3326	2.00	3637	2.46	3922	2.94	4191	3.42	4444	3.91
1000	3683	1745	0.53	2053	0.74	2330	0.95	2576	1.17	3002	1.63	3362	2.12	3671	2.60	3957	3.10	4221	3.61	4473	4.12
1100	4051	1851	0.66	2144	0.88	2408	1.12	2647	1.35	3067	1.84	3427	2.37	3742	2.90	4021	3.43	4280	3.97	4523	4.52
1200	4419	1961	0.81	2242	1.05	2491	1.30	2723	1.56	3135	2.08	3493	2.63	3809	3.21	4091	3.79	4347	4.37	4586	4.95
1300	4788	2072	0.98	2344	1.25	2580	1.51	2802	1.78	3204	2.34	3557	2.92	3873	3.53	4161	4.16	4418	4.78	4656	5.41
1400	5156	2186	1.18	2449	1.47	2674	1.75	2887	2.04	3278	2.64	3625	3.24	3940	3.88	4223	4.54	4488	5.22	4727	5.89
1500	5524	2303	1.40	2556	1.72	2774	2.01	2976	2.32	3354	2.95	3694	3.59	4004	4.25	4287	4.94	4551	5.65	4795	6.38
1600	5892	2422	1.65	2663	1.99	2876	2.31	3069	2.63	3433	3.30	3767	3.98	4071	4.67	4353	5.38	4613	6.12	4858	6.88
1700	6261	2543	1.94	2772	2.29	2981	2.64	3168	2.98	3517	3.67	3843	4.40	4142	5.12	4420	5.86	4677	6.61	4921	7.40
1800	6629	2666	2.26	2883	2.63	3087	3.00	3269	3.36	3605	4.08	3922	4.84	4215	5.61	4490	6.38	4743	7.15	4985	7.96
1900	6997	2789	2.61	2996	3.00	3194	3.40	3373	3.78	3697	4.53	4003	5.32	4290	6.13	4560	6.93	4811	7.74	5049	8.57
2000	7365	2914	3.00	3110	3.41	3303	3.83	3478	4.23	3792	5.02	4088	5.83	4368	6.68	4633	7.52	4880	8.36	5116	9.22

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

AMCA Certified Ratings Seal does not apply to the above data.

† Belt Drive is not recommended above 3600 RPM.



Wheel Diameter = 15.625 in.

Outlet Area = 0.44 sq. ft. inside

Tip Speed, fpm = 4.09 x RPM

Model 22 Maximum RPM 4278[†]

Size

9 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
500	1114	1706	0.57	2084	0.94	2403	1.36	2698	1.85	2935	2.32	3204	2.95	3380	3.42	3577	4.00	3800	4.73	4019	5.53
600	1337	1713	0.65	2092	1.05	2415	1.49	2701	1.98	2939	2.47	3199	3.10	3386	3.61	3598	4.26	3830	5.05	3973	5.59
700	1559	1724	0.74	2092	1.15	2411	1.62	2692	2.12	2942	2.65	3195	3.27	3391	3.82	3613	4.52	3800	5.17	3965	5.80
800	1782	1740	0.83	2102	1.28	2413	1.76	2692	2.28	2945	2.84	3192	3.46	3394	4.05	3624	4.79	3790	5.39	3974	6.10
900	2005	1766	0.93	2113	1.41	2423	1.92	2696	2.47	2949	3.05	3191	3.68	3397	4.30	3611	5.01	3790	5.66	3989	6.45
1000	2228	1796	1.04	2135	1.56	2436	2.10	2705	2.67	2954	3.28	3191	3.93	3400	4.57	3605	5.27	3795	5.98	3990	6.78
1100	2451	1830	1.16	2160	1.71	2450	2.28	2718	2.89	2962	3.52	3194	4.19	3405	4.87	3604	5.57	3803	6.34	3979	7.08
1200	2673	1861	1.28	2190	1.87	2472	2.48	2734	3.12	2973	3.78	3200	4.47	3413	5.19	3607	5.90	3809	6.71	3978	7.44
1300	2896	1894	1.41	2222	2.04	2500	2.69	2756	3.37	2988	4.05	3210	4.77	3423	5.52	3614	6.26	3805	7.06	3984	7.86
1400	3119	1924	1.54	2256	2.22	2531	2.91	2781	3.62	3008	4.33	3224	5.08	3432	5.86	3626	6.64	3809	7.44	3997	8.32
1500	3342	1954	1.68	2288	2.41	2563	3.14	2809	3.88	3031	4.63	3242	5.41	3445	6.21	3642	7.05	3819	7.86	3999	8.74
1600	3564	1986	1.84	2320	2.60	2596	3.37	2840	4.16	3059	4.95	3266	5.75	3462	6.58	3653	7.45	3835	8.32	4005	9.18
1700	3787	2019	2.01	2351	2.80	2628	3.62	2872	4.44	3089	5.27	3293	6.12	3486	6.98	3670	7.86	3853	8.78	4020	9.68
1800	4010	2053	2.20	2381	3.01	2660	3.86	2904	4.74	3122	5.61	3325	6.50	3514	7.40	3693	8.30	3868	9.23	4042	10.21
1900	4233	2088	2.40	2412	3.23	2690	4.12	2935	5.04	3156	5.97	3357	6.90	3545	7.84	3722	8.78	3891	9.72	4057	10.71
2000	4456	2124	2.61	2444	3.48	2721	4.39	2967	5.35	3188	6.33	3387	7.29	3573	8.26	3751	9.25	3920	10.25	4079	11.24
2100	4678	2161	2.84	2477	3.74	2752	4.68	2998	5.67	3219	6.69	3419	7.70	3604	8.71	3779	9.73	3947	10.77	4109	11.83
2200	4901	2200	3.07	2510	4.02	2783	4.99	3030	6.01	3250	7.06	3453	8.13	3639	9.19	3812	10.24	3			

Wheel Diameter = 19.125 in.
 Outlet Area = 0.66 sq. ft. inside
 Tip Speed, fpm = 5.01 x RPM

Size

11 SISW

Design 6620 AM Industrial Centrifugal Fans



Model 22 Maximum RPM 3495
 Maximum Belt Drive Motor HP 25

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
600	906	1406	0.71	1734	1.24	1991	1.81	2220	2.45	2433	3.17	2660	4.07	2796	4.70	2948	5.46	3118	6.41	3308	7.59
700	1057	1407	0.77	1729	1.30	1997	1.90	2218	2.53	2460	3.37	2621	4.02	2804	4.86	3016	5.97	3155	6.78	3275	7.54
800	1207	1412	0.84	1727	1.37	2000	2.00	2224	2.65	2433	3.38	2629	4.18	2831	5.13	2972	5.88	3127	6.79	3301	7.90
900	1358	1415	0.92	1726	1.46	1993	2.08	2232	2.79	2430	3.50	2644	4.38	2802	5.14	2982	6.10	3168	7.21	3290	8.01
1000	1509	1419	1.01	1728	1.57	1989	2.19	2225	2.90	2438	3.67	2623	4.45	2814	5.36	2984	6.28	3130	7.16	3292	8.23
1100	1660	1427	1.10	1732	1.69	1989	2.32	2220	3.03	2437	3.81	2626	4.62	2810	5.52	2972	6.41	3154	7.52	3293	8.45
1200	1811	1439	1.20	1737	1.82	1991	2.47	2221	3.19	2430	3.96	2634	4.84	2802	5.68	2991	6.72	3131	7.59	3285	8.63
1400	2113	1469	1.40	1755	2.10	2004	2.82	2233	3.59	2442	4.41	2627	5.23	2804	6.13	2977	7.11	3133	8.09	3281	9.12
1600	2415	1504	1.62	1779	2.40	2022	3.20	2240	4.01	2442	4.86	2630	5.74	2812	6.70	2973	7.65	3136	8.69	3280	9.71
1800	2717	1542	1.86	1812	2.71	2045	3.59	2261	4.49	2457	5.40	2643	6.35	2818	7.33	2977	8.30	3142	9.39	3282	10.42
2000	3019	1579	2.13	1850	3.05	2078	4.00	2284	4.97	2478	5.98	2658	6.99	2826	8.00	2986	9.05	3149	10.18	3287	11.23
2200	3321	1616	2.41	1885	3.40	2113	4.43	2314	5.48	2501	6.55	2676	7.64	2842	8.73	3001	9.85	3156	11.02	3296	12.14
2400	3622	1652	2.72	1923	3.80	2149	4.89	2349	6.02	2531	7.16	2701	8.33	2864	9.50	3020	10.70	3170	11.92	3309	13.11
2600	3924	1690	3.07	1960	4.22	2187	5.39	2387	6.59	2565	7.80	2732	9.04	2891	10.30	3044	11.58	3190	12.87	3326	14.12
2800	4226	1727	3.44	1996	4.66	2225	5.92	2423	7.18	2601	8.47	2766	9.78	2922	11.11	3071	12.47	3215	13.85	3348	15.18
3000	4528	1768	3.85	2033	5.14	2260	6.47	2459	7.81	2639	9.17	2802	10.55	2956	11.95	3102	13.39	3244	14.86	3374	16.26
3200	4830	1811	4.31	2070	5.66	2296	7.06	2496	8.48	2676	9.92	2839	11.36	2991	12.84	3136	14.33	3275	15.87	3405	17.37
3400	5132	1857	4.82	2107	6.21	2332	7.69	2532	9.18	2712	10.70	2876	12.22	3028	13.76	3171	15.32	3308	16.91	3439	18.53
3600	5434	1904	5.37	2147	6.82	2368	8.35	2568	9.93	2749	11.52	2912	13.11	3065	14.73	3207	16.36	3342	18.01	3474	19.71
3800	5735	1953	5.96	2189	7.48	2406	9.07	2604	10.71	2785	12.38	2949	14.05	3102	15.74	3245	17.44	3379	19.15		
4000	6037	2002	6.60	2233	8.19	2444	9.83	2640	11.54	2820	13.29	2986	15.04	3139	16.81	3283	18.59	3416	20.36		
4200	6339	2052	7.28	2279	8.97	2484	10.65	2677	12.42	2856	14.23	3022	16.07	3176	17.92	3319	19.77	3454	21.64	3489	22.92
4400	6641	2102	8.00	2326	9.80	2526	11.53	2715	13.35	2892	15.23	3059	17.16	3211	19.06	3354	20.98				
4600	6943	2153	8.78	2374	10.67	2570	12.48	2755	14.35	2929	16.28	3094	18.27	3246	20.25	3389	22.25				
4800	7245	2205	9.60	2423	11.60	2617	13.51	2796	15.41	2967	17.40	3129	19.43	3282	21.50	3425	23.58				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

13 SISW

Design 6620 AM Industrial Centrifugal Fans



Wheel Diameter = 22.625 in.
 Outlet Area = 0.93 sq. ft. inside
 Tip Speed, fpm = 5.92 x RPM

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
1000	1081	1194	1.10	1458	1.82	1683	2.65	1878	3.56	2074	4.68	2223	5.68	2368	6.79	2534	8.21	2687	9.68	2782	10.70
1200	1297	1194	1.24	1458	1.98	1680	2.83	1880	3.79	2067	4.88	2226	5.93	2376	7.13	2548	8.65	2656	9.71	2773	10.97
1400	1513	1201	1.41	1462	2.19	1684	3.07	1883	4.05	2062	5.12	2220	6.22	2380	7.49	2526	8.79	2649	10.01	2785	11.49
1600	1729	1214	1.61	1465	2.43	1689	3.36	1886	4.36	2060	5.42	2219	6.55	2383	7.88	2516	9.09	2652	10.46	2803	12.14
1800	1945	1228	1.80	1476	2.71	1690	3.66	1886	4.70	2060	5.79	2219	6.94	2383	8.28	2513	9.50	2659	10.99	2783	12.39
2000	2161	1249	2.01	1487	3.00	1696	4.01	1888	5.09	2062	6.22	2221	7.40	2377	8.71	2514	10.01	2658	11.49	2775	12.84
2200	2377	1269	2.22	1502	3.29	1707	4.39	1894	5.53	2067	6.71	2224	7.93	2375	9.23	2519	10.60	2650	11.99	2777	13.47
2400	2594	1292	2.46	1521	3.60	1722	4.78	1904	5.99	2074	7.23	2230	8.50	2378	9.82	2526	11.28	2649	12.63	2786	14.24
2600	2810	1315	2.71	1543	3.93	1739	5.19	1917	6.47	2084	7.79	2238	9.12	2383	10.48	2524	11.93	2654	13.39	2782	14.92
2800	3026	1337	2.98	1566	4.27	1759	5.60	1933	6.96	2097	8.37	2249	9.78	2391	11.19	2527	12.66	2664	14.24	2781	15.72
3000	3242	1359	3.26	1589	4.63	1780	6.03	1951	7.47	2113	8.97	2263	10.46	2403	11.95	2535	13.45	2666	15.05	2788	16.63
3200	3458	1381	3.56	1611	5.01	1802	6.48	1972	8.00	2128	9.55	2275	11.12	2416	12.73	2547	14.30	2672	15.91	2800	17.65
3400	3674	1403	3.88	1633	5.40	1824	6.95	1994	8.55	2147	10.16	2290	11.80	2427	13.47	2561	15.19	2683	16.84	2803	18.56
3600	3890	1426	4.22	1655	5.82	1846	7.44	2015	9.11	2167	10.79	2309	12.51	2443	14.25	2572	16.02	2699	17.85	2813	19.57
3800	4106	1449	4.59	1678	6.27	1869	7.95	2037	9.69	2189	11.45	2330	13.26	2462	15.07	2588	16.90	2709	18.76	2829	20.67
4000	4323	1472	4.98	1699	6.73	1891	8.50	2059	10.30	2212	12.15	2352	14.02	2484	15.93	2608	17.84	2725	19.74	2841	21.70
4200	4539	1497	5.40	1721	7.21	1913	9.07	2082	10.94	2234	12.85	2372	14.78	2502	16.74	2626	18.75	2746	20.79	2856	22.76
4400	4755	1523	5.86	1743	7.72	1936	9.66	2105	11.62	2256	13.58	2394	15.59	2524	17.62	2645	19.67	2762	21.77	2877	23.93
4600	4971	1550	6.34	1765	8.25	1958	10.27	2127	12.31	2278	14.35	2419	16.45	2548	1						

Wheel Diameter = 26.125 in.

Outlet Area = 1.23 sq. ft. inside

Tip Speed, fpm = 6.84 x RPM

Model 22 Maximum RPM 2559

Maximum Belt Drive Motor HP 50



Size

15 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
1200	974	1037	1.39	1262	2.31	1457	3.41	1647	4.77	1779	5.93	1928	7.43	2089	9.31	2180	10.52	2281	11.96	2391	13.69
1400	1136	1032	1.50	1262	2.46	1456	3.57	1637	4.89	1782	6.17	1946	7.86	2055	9.16	2177	10.78	2316	12.81	2444	14.91
1600	1299	1035	1.65	1264	2.64	1456	3.77	1630	5.05	1791	6.49	1926	7.91	2059	9.50	2209	11.53	2302	12.94	2404	14.61
1800	1461	1041	1.83	1266	2.85	1457	3.99	1627	5.27	1791	6.76	1924	8.18	2074	10.00	2180	11.47	2299	13.26	2431	15.47
2000	1623	1046	2.01	1269	3.09	1458	4.25	1628	5.55	1783	6.98	1932	8.59	2056	10.13	2183	11.88	2313	13.88	2409	15.51
2200	1786	1054	2.20	1273	3.34	1460	4.55	1630	5.89	1782	7.31	1928	8.90	2057	10.51	2188	12.36	2295	14.03	2414	16.04
2400	1948	1064	2.40	1279	3.62	1464	4.88	1634	6.27	1785	7.72	1923	9.25	2065	11.04	2178	12.65	2304	14.63	2412	16.51
2600	2110	1077	2.60	1287	3.91	1470	5.24	1637	6.67	1791	8.18	1926	9.73	2056	11.39	2184	13.23	2297	15.03	2406	16.95
2800	2273	1091	2.82	1296	4.20	1477	5.62	1639	7.07	1789	8.61	1932	10.27	2057	11.91	2181	13.72	2296	15.57	2415	17.67
3000	2435	1105	3.05	1307	4.50	1484	6.00	1643	7.51	1791	9.09	1929	10.75	2064	12.56	2180	14.28	2302	16.27	2405	18.13
3200	2597	1120	3.28	1319	4.80	1493	6.38	1650	7.98	1797	9.64	1933	11.33	2061	13.10	2189	15.03	2296	16.84	2414	18.96
3400	2760	1135	3.53	1332	5.12	1503	6.77	1660	8.48	1805	10.21	1941	11.99	2065	13.76	2184	15.63	2303	17.65	2407	19.58
3600	2922	1149	3.79	1347	5.45	1515	7.18	1669	8.96	1810	10.75	1943	12.58	2072	14.49	2189	16.38	2302	18.35	2412	20.44
4000	3247	1178	4.35	1377	6.17	1543	8.04	1691	9.96	1831	11.95	1961	13.95	2082	15.93	2197	17.93	2311	20.06	2416	22.17
4400	3571	1207	4.97	1405	6.93	1571	8.95	1718	11.01	1852	13.13	1978	15.28	2097	17.43	2211	19.61	2324	21.90	2425	24.07
4800	3896	1236	5.64	1435	7.77	1601	9.92	1747	12.15	1878	14.38	2001	16.68	2118	19.00	2229	21.36	2339	23.80	2438	26.09
5200	4221	1266	6.38	1463	8.65	1631	10.99	1776	13.33	1907	15.72	2028	18.15	2142	20.63	2252	23.16	2357	25.72	2455	28.19
5600	4545	1298	7.21	1492	9.62	1659	12.09	1805	14.59	1937	17.14	2057	19.71	2169	22.33	2277	25.00	2380	27.72	2475	30.34
6000	4870	1333	8.14	1521	10.65	1687	13.28	1834	15.93	1967	18.65	2086	21.35	2198	24.10	2304	26.91	2405	29.78	2499	32.56
6400	5195	1369	9.16	1551	11.78	1716	14.55	1862	17.36	1996	20.23	2115	23.07	2226	25.96	2332	28.90	2433	31.93	2526	34.66
6800	5519	1406	10.29	1583	13.01	1745	15.91	1891	18.88	2024	21.89	2144	24.88	2255	27.91	2360	30.99	2460	34.12	2554	37.25
7200	5844	1445	11.50	1617	14.37	1775	17.37	1920	20.48	2052	23.64	2172	26.79	2284	29.96	2389	33.17	2488	36.43		
7600	6169	1484	12.81	1652	15.85	1806	18.94	1948	22.17	2081	25.49	2201	28.79	2313	32.11	2418	35.47	2516	38.85		
8000	6493	1523	14.22	1689	17.44	1838	20.64	1978	23.97	2109	27.43	2229	30.88	2341	34.37	2446	37.87	2545	41.39		
8400	6818	1564	15.72	1726	19.15	1872	22.48	2008	25.90	2138	29.48	2257	33.08	2370	36.73	2475	40.40				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.



Size

17 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
1600	1008	897	1.64	1096	2.65	1266	3.81	1412	5.04	1543	6.34	1657	7.65	1789	9.39	1894	10.94	1971	12.18	2056	13.64
1800	1134	899	1.78	1096	2.83	1262	4.00	1416	5.34	1541	6.64	1680	8.30	1773	9.56	1878	11.13	1996	13.08	2104	15.05
2000	1260	901	1.94	1097	3.04	1265	4.27	1410	5.57	1555	7.11	1663	8.45	1788	10.18	1894	11.83	1979	13.29	2074	15.03
2200	1386	905	2.10	1100	3.27	1272	4.58	1416	5.92	1544	7.33	1678	9.04	1779	10.49	1885	12.17	2005	14.27	2089	15.88
2400	1512	909	2.28	1105	3.51	1268	4.82	1416	5.51	1551	7.77	1667	9.29	1786	11.04	1893	12.78	1984	14.42	2085	16.39
2800	1764	919	2.64	1109	3.99	1274	5.43	1420	6.96	1549	8.52	1671	10.20	1786	11.98	1893	13.80	1988	15.60	2094	17.76
3200	2016	933	3.02	1118	4.52	1278	6.07	1422	7.70	1552	9.39	1675	11.19	1788	13.02	1894	14.93	1991	16.86	2101	19.19
3600	2268	949	3.41	1130	5.07	1289	6.80	1429	8.53	1558	10.34	1681	12.26	1791	14.16	1895	16.15	1995	18.22	2095	20.44
4000	2520	967	3.84	1145	5.65	1299	7.50	1439	9.42	1566	11.35	1687	13.39	1795	15.39	1899	17.47	2001	19.69	2093	21.87
4400	2772	986	4.30	1160	6.24	1312	8.25	1450	10.33	1576	12.42	1694	14.58	1801	16.69	1904	18.88	2007	21.25	2095	23.45
4800	3024	1005	4.80	1179	6.89	1327	9.03	1462	11.24	1587	13.51	1703	15.80	1809	18.05	1910	20.36	2012	22.86	2100	25.15
5200	3276	1024	5.34	1197	7.56	1345	9.86	1476	12.19	1599	14.62	1713	17.06	1819	19.47	1918	21.90	2017	24.46	2107	26.97
5600	3528	1044	5.93	1216	8.27	1363	10.72	1492	13.18	1613	15.76	1725	18.34	1830	20.93	1928	23.49	2024	26.15	2117	28.89
6000	3780	1062	6.57	1235	9.04	1381	11.61	1509	14.22	1629	16.94	1739	19.64	1843	22.43	1940	25.14	2033	27.90	2127	30.83
6400	4032	1081	7.25	1255	9.86	1400	12.56	1527	15.31	1646	18.15	1753	20.99	1856	23.90	1954	26.85	2045	29.72	2134	32.70
6800	4284	1100	8.00	1274	10.74	1419	13.56	1546	16.45	1663	19.41	1769	22.39	1871	25.42	1968	28.52	2059	31.61	2145	34.66
7200	4536	1122	8.81	1293	11.67	1439	14.62	1565	17.64	1681	20.73	1787	23.84	1887	27.01	1982	30.22	2074	33.53	2159	36.72
7600	4788	1145	9.70	1311	12.67	1458	15.75	1585	18.91	1699	22.10	1805	25.36	1904	28.67	1998	32.00	2087	35.39	2176	3

Size

19 SISW**Design 6620 AM Industrial Centrifugal Fans**

Wheel Diameter = 33.00 in.
Outlet Area = 1.97 sq. ft. inside
Tip Speed, fpm = 8.64 x RPM

Model 22 Maximum RPM 2026
Maximum Belt Drive Motor HP 75

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
2000	1009	803	2.05	981	3.31	1133	4.76	1263	6.29	1381	7.93	1482	9.56	1601	11.73	1695	13.67	1764	15.22	1839	17.05
2500	1261	806	2.42	982	3.80	1132	5.33	1261	6.96	1391	8.89	1488	10.56	1599	12.72	1695	14.79	1771	16.61	1855	18.78
3000	1513	813	2.84	988	4.39	1135	6.02	1268	7.81	1388	9.71	1492	11.61	1598	13.79	1694	15.97	1775	18.02	1865	20.47
3500	1765	823	3.30	992	4.99	1139	6.79	1271	8.70	1386	10.65	1495	12.74	1598	14.97	1694	17.25	1779	19.49	1873	22.18
4000	2017	835	3.77	1000	5.65	1144	7.59	1272	9.62	1389	11.73	1499	13.98	1600	16.27	1694	18.66	1782	21.06	1879	23.97
4500	2269	849	4.27	1011	6.34	1154	8.50	1278	10.66	1394	12.92	1504	15.32	1602	17.70	1696	20.19	1785	22.76	1875	25.55
5000	2522	865	4.80	1024	7.06	1162	9.38	1287	11.77	1401	14.19	1509	16.74	1606	19.24	1699	21.84	1790	24.60	1873	27.33
5500	2774	882	5.38	1038	7.80	1174	10.31	1298	12.92	1410	15.52	1516	18.22	1612	20.86	1703	23.60	1795	26.56	1875	29.30
6000	3026	900	6.01	1055	8.61	1188	11.29	1308	14.05	1420	16.89	1524	19.74	1619	22.56	1709	25.44	1801	28.58	1879	31.44
6500	3278	917	6.68	1072	9.45	1203	12.32	1321	15.24	1431	18.27	1533	21.32	1627	24.33	1716	27.37	1805	30.58	1886	33.70
7000	3530	934	7.42	1088	10.34	1220	13.40	1335	16.48	1443	19.69	1544	22.93	1638	26.16	1725	29.37	1811	32.68	1894	36.10
7500	3782	951	8.21	1106	11.30	1236	14.51	1350	17.77	1458	21.17	1556	24.56	1650	28.04	1736	31.43	1819	34.87	1903	38.54
8000	4034	967	9.07	1123	12.33	1253	15.70	1367	19.13	1473	22.70	1569	26.24	1661	29.88	1749	33.56	1830	37.14	1910	40.88
8500	4287	985	10.01	1140	13.42	1270	16.95	1384	20.56	1488	24.27	1583	27.99	1674	31.78	1761	35.66	1842	39.51	1919	43.33
9000	4539	1004	11.02	1157	14.59	1287	18.28	1401	22.06	1504	25.91	1599	29.80	1688	33.76	1773	37.78	1856	41.92	1932	45.90
9500	4791	1025	12.13	1173	15.84	1305	19.70	1418	23.64	1520	27.63	1615	31.71	1704	35.84	1787	40.01	1868	44.24	1947	48.62
10000	5043	1047	13.33	1190	17.18	1321	21.19	1436	25.30	1537	29.44	1632	33.71	1720	38.02	1803	42.35	1882	46.71	1958	51.17
10500	5295	1070	14.61	1208	18.60	1338	22.77	1453	27.04	1555	31.35	1650	35.81	1737	40.27	1821	44.82	1898	49.32	1972	53.86
11000	5547	1093	15.99	1227	20.12	1354	24.44	1469	28.85	1573	33.36	1666	37.92	1753	42.53	1835	47.21	1914	51.99	1989	56.75
11500	5799	1117	17.46	1247	21.75	1371	26.20	1485	30.76	1590	35.45	1683	40.14	1770	44.92	1852	49.76	1929	54.64	2004	59.63
12000	6052	1141	19.02	1269	23.50	1388	28.06	1502	32.79	1606	37.61	1700	42.49	1788	47.47	1870	52.48	1946	57.49	2019	62.55
12500	6304	1164	20.65	1292	25.36	1407	30.05	1519	34.92	1622	39.89	1718	44.98	1805	50.05	1886	55.21	1964	60.46		
13000	6556	1187	22.37	1315	27.33	1427	32.16	1536	37.18	1639	42.29	1734	47.48	1821	52.73	1903	58.04	1979	63.40		
13500	6808	1211	24.20	1338	29.39	1448	34.41	1553	39.52	1655	44.81	1750	50.13	1838	55.58	1920	61.07	1997	66.58		
14000	7060	1234	26.11	1362	31.59	1469	36.76	1572	42.00	1671	47.41	1767	52.94	1855	58.51	1937	64.13	2014	69.82		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

21 SISW**Design 6620 AM Industrial Centrifugal Fans**

Wheel Diameter = 36.50 in.
Outlet Area = 2.41 sq. ft. inside
Tip Speed, fpm = 9.56 x RPM

Model 22 Maximum RPM 1831
Maximum Belt Drive Motor HP 100

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
2500	1032	726	2.53	890	4.13	1030	5.94	1140	7.71	1255	9.89	1341	11.78	1440	14.23	1545	17.15	1604	18.97	1667	21.08
3000	1238	730	2.93	889	4.59	1026	6.47	1141	8.42	1254	10.68	1346	12.80	1453	15.59	1528	17.78	1601	20.10	1681	22.89
3500	1445	734	3.33	891	5.14	1025	7.11	1143	9.21	1254	11.54	1350	13.86	1449	16.56	1525	18.88	1610	21.69	1705	25.16
4000	1651	740	3.77	897	5.77	1028	7.84	1145	10.06	1255	12.48	1353	14.98	1444	17.57	1528	20.23	1623	23.52	1689	26.03
4500	1858	748	4.24	900	6.39	1032	8.64	1152	10.99	1256	13.51	1357	16.18	1444	18.77	1535	21.76	1614	24.63	1687	27.49
5000	2064	757	4.71	906	7.05	1037	9.49	1152	11.99	1258	14.62	1361	17.48	1446	20.13	1538	23.28	1612	26.07	1693	29.39
5500	2270	768	5.21	915	7.75	1044	10.39	1157	13.03	1261	15.79	1361	18.73	1450	21.63	1535	24.67	1615	27.82	1696	31.22
6000	2477	781	5.76	925	8.48	1051	11.29	1162	14.11	1266	17.03	1363	20.07	1455	23.25	1536	26.28	1623	29.81	1693	32.89
6500	2683	793	6.32	935	9.21	1059	12.21	1169	15.23	1271	18.32	1366	21.49	1458	24.82	1540	28.07	1620	31.48	1696	34.92
7000	2890	805	6.91	946	9.98	1068	13.16	1177	16.37	1278	19.66	1372	22.99	1460	30.01	1547	33.37	1622	33.37	1704	37.26
7500	3096	818	7.56	958	10.79	1079	14.15	1186	17.54	1286	21.04	1378	24.56	1465	28.11	1549	31.80	1628	35.49	1702	39.20
8000	3303	831	8.24	971	11.64	1090	15.19	1196	18.75	1295	22.46	1387	26.19	1472	29.91	1554	33.67	1634	37.67	1706	41.42
8500	3509	844	8.98	983	12.54	1102	16.25	1207	20.01	1305	23.91	1395	27.81	1482	31.81	1561	35.69	1637	39.68	1714	43.92
9000	3715	856	9.77	996	13.49	1114	17.36	1219	21.32	1314	25.33	1403	29.40	1488	33.55	1570	37.84	1644	41.90	1718	46.16
9500	3922	869	10.61	1009	14.50	1126	18.51	1231	22.66	1325	26.81	1413	31.07	1496	35.38	1576	39.76	1654	44.31	1723	48.55
10000	4128	881	11.50	1022	15.56	1139	19.72	1242	24.02	1336	28.38	1425	32.85	1507	37.34	1584	41.84	1659	46.42	1733	51.20
10500	4335	894	12.46	1035	16.67	1152	21.00	1255	25.45	1349	30.04	1436	34.64	1518	39.33	1596	44.09	1668	48.75	1739	53.54
11000	4541	909	13.48	1047	17.84	1165	22.35	1268	26.96	1361											

Wheel Diameter = 40.00 in.

Outlet Area = 2.90 sq. ft. inside

Tip Speed, fpm = 10.47 x RPM

Model 22 Maximum RPM 1671

Maximum Belt Drive Motor HP 125



Size

23 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP															
3000	1037	665	3.12	816	5.05	945	7.21	1049	9.37	1153	11.89	1235	14.20	1330	17.21	1419	20.39	1475	22.59	1536	25.15
3500	1210	667	3.52	818	5.60	943	7.84	1051	10.21	1147	12.67	1242	15.47	1332	18.46	1400	20.98	1475	24.03	1560	27.76
4000	1383	670	3.94	816	6.13	943	8.53	1053	11.09	1147	13.62	1249	16.77	1323	19.34	1406	22.55	1496	26.36	1552	28.99
4500	1556	673	4.37	817	6.72	943	9.27	1054	11.98	1149	14.69	1240	17.63	1325	20.70	1412	24.20	1478	27.09	1550	30.54
5000	1729	679	4.83	820	7.34	944	10.04	1052	12.85	1153	15.85	1239	18.77	1333	22.31	1403	25.26	1481	28.84	1561	32.79
5500	1902	687	5.31	824	7.99	946	10.86	1052	13.79	1152	16.94	1241	20.11	1325	23.39	1405	26.89	1484	30.60	1549	33.96
6000	2074	694	5.78	829	8.67	948	11.70	1054	14.79	1151	18.03	1246	21.54	1325	24.82	1409	28.61	1478	32.03	1555	36.12
6500	2247	703	6.28	836	9.37	952	12.57	1057	15.84	1153	19.23	1243	22.76	1330	26.50	1404	30.03	1483	34.07	1551	37.83
7000	2420	713	6.81	843	10.08	958	13.47	1061	16.95	1157	20.52	1245	24.15	1329	27.96	1407	31.84	1481	35.77	1551	39.77
7500	2593	723	7.39	852	10.81	964	14.39	1067	18.10	1163	21.90	1249	25.68	1330	29.52	1410	33.66	1481	37.63	1556	42.08
8000	2766	733	8.02	861	11.57	971	15.33	1073	19.24	1165	23.14	1253	27.19	1335	31.29	1409	35.34	1487	39.87	1552	43.90
8500	2939	742	8.69	871	12.38	980	16.32	1079	20.35	1170	24.46	1256	28.64	1337	32.96	1415	37.34	1485	41.62	1558	46.33
9000	3112	752	9.40	881	13.24	990	17.35	1086	21.52	1177	25.86	1261	30.23	1340	34.63	1417	39.20	1490	43.81	1557	48.37
9500	3285	762	10.14	891	14.15	998	18.35	1095	22.76	1184	27.31	1268	31.90	1347	36.52	1420	41.09	1493	45.91	1561	50.71
10000	3457	772	10.91	900	15.10	1008	19.43	1104	24.02	1191	28.66	1273	33.41	1351	38.25	1428	43.29	1496	48.01	1565	53.09
11000	3803	792	12.50	920	17.18	1029	21.83	1122	26.62	1209	31.67	1289	36.78	1366	42.05	1438	47.23	1506	52.43	1575	57.97
12000	4149	812	14.17	940	19.43	1047	24.41	1142	29.48	1227	34.78	1307	40.26	1381	45.80	1451	51.36	1518	57.02	1586	62.99
13000	4495	834	16.04	959	21.76	1067	27.26	1162	32.67	1247	38.16	1325	43.89	1398	49.73	1467	55.66	1534	61.72	1599	68.02
14000	4840	855	18.16	979	24.19	1087	30.30	1182	36.12	1266	41.88	1344	47.83	1417	53.95	1485	60.18	1551	66.57	1615	73.21
15000	5186	878	20.58	1000	26.80	1106	33.39	1200	39.74	1286	45.92	1364	52.12	1436	58.48	1504	64.98	1568	71.65	1632	78.61
16000	5532	901	23.24	1021	29.62	1126	36.60	1220	43.53	1305	50.23	1383	56.76	1456	63.38	1524	70.12	1588	77.03	1650	84.20
17000	5878	926	26.16	1042	32.78	1146	39.99	1239	47.45	1325	54.73	1403	61.69	1475	68.64	1543	75.65	1607	82.77	1669	90.13
18000	6223	952	29.33	1065	36.28	1167	43.64	1259	51.48	1344	59.37	1422	66.84	1495	74.23	1563	81.56	1627	88.93		
19000	6569	980	32.77	1088	40.11	1189	47.62	1280	55.72	1364	64.09	1441	72.16	1514	80.07	1582	87.82	1646	95.51		
20000	6915	1008	36.49	1112	44.26	1210	51.99	1301	60.23	1384	68.96	1461	77.61	1533	86.12	1602	94.38	1665	102.46		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.



Size

26 SISW**Design 6620 AM Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
4000	1082	589	4.1	721	6.6	832	9.3	926	12.2	1026	15.8	1095	18.6	1168	22.0	1253	26.4	1319	30.1	1367	33.1
4500	1218	591	4.5	723	7.2	835	10.1	929	13.1	1016	16.3	1098	19.8	1180	23.7	1239	26.9	1305	30.7	1378	35.4
5000	1353	593	5.0	723	7.7	831	10.7	932	14.0	1016	17.2	1100	21.0	1170	24.4	1249	28.8	1316	32.9	1369	36.4
5500	1488	595	5.4	723	8.3	831	11.4	928	14.7	1021	18.4	1096	21.9	1182	26.3	1241	29.8	1307	33.9	1381	38.9
6000	1623	599	5.8	724	8.9	832	12.2	929	15.6	1015	19.2	1103	23.4	1170	27.0	1246	31.4	1314	35.8	1370	39.8
6500	1759	602	6.3	726	9.5	835	13.0	933	16.7	1017	20.4	1096	24.3	1176	28.6	1242	32.7	1308	37.1	1382	42.4
7000	1894	607	6.8	729	10.2	836	13.8	931	17.6	1019	21.6	1099	25.6	1172	29.8	1244	34.3	1312	39.0	1370	43.3
7500	2029	612	7.2	733	10.9	837	14.6	932	18.6	1018	22.6	1099	26.9	1174	31.3	1243	35.8	1308	40.4	1380	45.8
8000	2164	618	7.7	737	11.6	841	15.5	936	19.7	1021	23.9	1099	28.2	1173	32.8	1243	37.5	1311	42.3	1370	47.0
9000	2435	631	8.8	746	13.0	848	17.3	939	21.8	1023	26.3	1101	31.0	1176	36.0	1244	40.8	1311	46.0	1371	51.0
10000	2706	645	10.0	759	14.5	868	19.2	946	24.0	1029	28.9	1106	34.0	1180	39.3	1247	44.4	1312	49.8	1374	55.2
11000	2976	659	11.3	772	16.0	868	21.1	956	26.4	1036	31.6	1112	37.1	1185	42.7	1251	48.1	1315	53.8	1377	59.7
12000	3247	672	12.8	786	23.1	968	28.8	1046	34.4	1120	40.2	1191	46.2	1256	52.0	1319	58.0	1382	64.3		
13000	3517	686	14.3	800	19.8	895	25.3	979	31.2	1057	37.3	1129	43.5	1199	49.8	1263	56.0	1325	62.3	1388	69.1
14000	3788	700	15.9	813	21.8	909	27.7	992	33.9	1069	40.3	1140	46.8	1207	53.5	1271	60.2	1322	66.8	1392	73.8
15000	4058	714	17.5	826	24.0	923	30.3	1006	36.7	1082	43.4	1151	50.2	1218	57.2	1282	64.4	1340	71.3	1398	78.5
16000	4329	728	19.3	840	26.4	936	33.1	1019	39.7	1095	46.7	1164	53.8	1229	61.1	1292	68.6	1351	76.1	1407	83.5
17000	4599	743	21.3	854	28.7	949	36.0	1033	43.0	1108	50.2	1177	57.5	1242	65.1	1303	72.9	1363	81.0	1417	88.6
18000	4870	758	23.5	868	31.2	963	39.0	1046	46.5	1122	54.0	1191	61.6	1255							

Size

29 SISW**Design 6620 AM Industrial Centrifugal Fans**

Wheel Diameter = 50.50 in.
Outlet Area = 4.62 sq. ft. inside
Tip Speed, fpm = 13.22 x RPM

Model 22 Maximum RPM 1324
Maximum Belt Drive Motor HP 200

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000 1305	530	5.9	646	9.3	744	12.9	832	16.9	916	21.3	982	25.3	1052	30.1	1124	35.6	1172	39.6	1225	44.4
7000 1522	534	6.8	649	10.5	746	14.4	833	18.6	914	23.2	982	27.6	1054	32.8	1116	37.7	1171	42.5	1232	48.4
8000 1740	539	7.7	650	11.7	749	16.1	835	20.6	913	25.3	983	30.0	1056	35.6	1113	40.3	1174	45.9	1240	52.5
9000 1957	546	8.7	655	13.1	750	17.7	837	22.6	914	27.5	983	32.5	1054	38.2	1113	43.4	1179	49.7	1230	55.1
10000 2175	555	9.6	661	14.5	754	19.4	839	24.6	915	29.9	985	35.2	1053	41.0	1114	46.7	1176	52.9	1229	58.7
11000 2392	564	10.7	668	15.8	759	21.2	842	26.7	918	32.4	987	38.0	1053	44.0	1117	50.3	1174	56.3	1231	62.8
12000 2610	574	11.8	676	17.3	765	23.0	847	28.9	922	35.0	990	41.0	1055	47.2	1119	53.9	1175	60.1	1235	67.3
13000 2827	584	13.1	685	18.8	773	24.9	852	31.2	927	37.6	995	44.1	1058	50.5	1119	57.3	1178	64.3	1233	71.1
14000 3045	594	14.5	695	20.5	781	26.9	859	33.5	932	40.4	1000	47.3	1063	54.1	1122	61.0	1182	68.5	1234	75.5
15000 3262	603	16.0	705	22.3	791	28.9	868	36.0	938	43.1	1005	50.3	1069	57.8	1126	65.0	1183	72.5	1238	80.2
16000 3480	613	17.5	715	24.2	800	31.1	877	38.5	945	45.9	1011	53.5	1073	61.2	1132	69.1	1187	76.7	1242	85.0
17000 3697	623	19.1	725	26.3	810	33.4	886	41.0	954	48.8	1018	56.7	1078	64.8	1137	73.1	1193	81.4	1245	89.5
18000 3915	633	20.7	735	28.5	820	35.9	895	43.7	963	51.8	1026	60.2	1086	68.6	1143	77.1	1198	85.9	1250	94.4
19000 4132	643	22.4	744	30.7	830	38.6	905	46.6	973	55.1	1036	63.8	1095	72.6	1150	81.3	1204	90.3	1257	99.7
20000 4350	654	24.2	754	33.0	840	41.4	915	49.7	983	58.4	1045	67.3	1103	76.4	1159	85.8	1211	95.0	1262	104.4
21000 4567	665	26.2	764	35.4	850	44.4	925	53.1	992	61.9	1054	71.0	1112	80.4	1167	90.0	1220	99.9	1270	109.6
22000 4784	675	28.3	774	37.8	859	47.4	935	56.5	1002	65.6	1064	75.0	1122	84.7	1176	94.5	1227	104.5	1278	114.9
23000 5002	686	30.6	784	40.3	869	50.4	944	60.0	1012	69.6	1074	79.2	1131	89.1	1186	99.4	1237	109.7	1285	120.0
24000 5219	698	33.1	795	43.0	879	53.5	953	63.7	1022	73.7	1083	83.5	1141	93.7	1194	104.1	1246	114.8	1295	125.7
25000 5437	710	35.7	805	45.8	889	56.8	963	67.6	1031	77.9	1093	88.2	1151	98.7	1205	109.3	1255	120.1	1304	131.1
26000 5654	721	38.5	816	48.8	899	60.1	973	71.5	1041	82.3	1103	93.0	1160	103.7	1214	114.6	1266	125.9	1313	137.0
27000 5872	734	41.5	826	52.0	909	63.5	983	75.3	1050	86.9	1112	97.9	1170	109.0	1224	120.1	1274	131.4	1323	143.1
28000 6089	747	44.7	838	55.5	919	67.1	993	79.4	1060	91.4	1122	103.1	1180	114.7	1234	126.1	1285	137.7		
29000 6307	760	47.9	849	59.1	930	70.9	1003	83.5	1070	96.1	1132	108.3	1189	120.2	1243	132.0	1294	143.9		
30000 6524	774	51.4	860	62.9	940	74.8	1013	87.7	1080	100.8	1141	113.6	1199	126.1	1253	138.4	1304	150.5		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

33 SISW

Wheel Diameter = 57.50 in.
Outlet Area = 5.99 sq. ft. inside
Tip Speed, fpm = 15.05 x RPM

Model 22 Maximum RPM 1163
Maximum Belt Drive Motor HP 250

Design 6620 AM Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000 1008	464	6.3	567	10.1	655	14.4	735	19.2	799	23.9	862	29.0	935	35.8	981	40.6	1023	45.4	1069	51.1
7000 1176	464	7.1	568	11.2	655	15.7	737	21.0	799	25.6	872	31.9	924	37.0	975	42.6	1033	49.4	1098	57.9
8000 1344	467	7.9	569	12.4	655	17.1	734	22.4	801	27.7	866	33.6	922	39.2	985	46.4	1035	52.7	1078	58.4
9000 1512	469	8.8	571	13.6	655	18.6	732	24.0	804	30.0	863	35.5	928	42.4	980	48.5	1029	54.9	1084	62.6
10000 1679	472	9.7	572	14.8	656	20.1	732	25.8	802	31.9	865	38.1	925	44.7	978	51.2	1038	59.2	1082	65.7
11000 1847	476	10.6	574	16.1	657	21.7	732	27.7	801	34.0	868	40.9	922	47.1	984	54.9	1031	61.4	1080	68.9
12000 2015	482	11.5	577	17.4	659	23.4	734	29.7	802	36.3	865	43.1	925	50.3	979	57.4	1031	64.9	1086	73.3
13000 2183	488	12.6	581	18.8	662	25.2	737	31.9	804	38.8	865	45.7	925	53.3	979	60.6	1034	68.8	1080	76.2
14000 2351	494	13.6	586	20.2	666	27.0	740	34.1	807	41.4	868	48.7	925	56.1	983	64.4	1031	71.9	1084	80.8
15000 2519	501	14.7	592	21.7	670	28.9	742	36.2	808	43.7	870	51.6	927	59.5	980	67.4	1035	76.2	1081	84.3
16000 2687	508	15.9	598	23.2	676	30.8	745	38.4	810	46.3	871	54.4	929	62.8	983	71.2	1033	79.7	1083	88.6
17000 2855	515	17.2	604	24.7	680	32.6	749	40.7	814	49.1	874	57.5	930	66.0	985	75.0	1035	83.7	1084	93.0
18000 3023	521	18.6	610	26.3	686	34.5	755	43.2	818	51.8	878	60.7	934	69.7	986	78.5	1038	88.1	1084	97.2
19000 3191	528	20.1	617	28.1	692	36.6	760	45.5	822	54.5	880	63.7	936	73.1	990	82.8	1038	92.0	1088	102.2
20000 3359	534	21.6	624	29.9	699	38.8	765	47.9	827	57.4	885	67.0	939	76.6	991	86.4	1043	96.7	1088	106.3
22000 3695	547	24.7	637	34.0	712	43.3	778	53.1	838	63.1	894	73.4	948	83.9	999	94.6	1048	105.3	1094	115.8
24000 4031	561	28.0	650	38.4	726	48.4	791	58.7	851	69.3	906	80.2	958	91.5	1009	103.0	1056	114.2	1101	125.6
26000 4367	575	31.5	663	43.0	739	53.9	804	64.7	865	76.0	919	87.5	970	99.4	1019	111.6	1065	123.5	1110	135.7
28000 4703	590	35.6	677	47.8	752	59.8	818	71.4	878	83.2	932	95.2	983	107.7	1031	120.4	1076	133.0	1120	146.0
30000 5038	605	40.2	691	52.8	765	66.0	831	78.6	891	90.9	946	103.6	1009	116.5	1044	129.8	1088	143.0	1131	156.6
32000 5374	620	45.3	705	58.2	779	72.4	844	86.1	904	99.3	959	112.6	1009	125.9	105					

Wheel Diameter = 64.375 in.

Outlet Area = 7.49 sq. ft. inside

Tip Speed, fpm = 16.85 x RPM

Model 22 Maximum RPM 1038

Maximum Belt Drive Motor HP 300



Size

37 SISW
Design 6620 AM Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
8000	1069	414	8.3	508	13.4	586	18.9	651	24.5	721	31.7	768	37.3	822	44.5	884	53.7	923	60.2	958	66.4
9000	1202	415	9.1	508	14.4	586	20.2	654	26.4	713	32.7	773	40.0	827	47.5	870	54.1	918	62.1	971	72.0
10000	1336	416	9.9	507	15.5	584	21.4	654	28.0	715	34.8	772	42.0	822	49.2	880	58.4	922	65.8	961	73.2
11000	1470	418	10.8	507	16.6	584	22.8	652	29.5	716	36.9	770	44.0	828	52.6	872	59.8	920	68.4	974	79.0
12000	1603	420	11.6	508	17.8	585	24.5	653	31.4	713	38.6	774	46.9	822	54.3	877	63.6	921	71.7	962	80.0
13000	1737	422	12.6	510	19.1	587	26.1	654	33.4	716	41.1	770	48.7	828	57.9	872	65.6	920	74.7	971	85.3
14000	1870	426	13.5	512	20.4	587	27.6	653	35.2	715	43.1	773	51.7	823	59.8	876	69.2	920	78.0	963	87.1
16000	2138	433	15.4	517	23.2	591	31.1	657	39.4	718	48.1	772	56.7	824	65.7	875	75.4	920	84.8	963	94.6
18000	2405	442	17.5	524	25.9	595	34.6	660	43.6	719	52.9	774	62.2	826	71.9	875	82.1	920	92.0	964	102.6
20000	2672	452	19.9	532	28.9	602	38.4	664	48.0	722	57.9	776	68.0	828	78.5	877	89.2	921	99.7	966	111.0
22000	2939	461	22.5	541	32.0	609	42.2	671	52.7	727	63.3	780	74.1	831	85.3	879	96.6	923	107.7	969	119.9
24000	3206	471	25.4	551	35.5	618	46.2	678	57.5	733	68.8	786	80.4	835	92.3	883	104.4	926	116.1	971	129.1
26000	3474	480	28.4	560	39.3	627	50.6	687	62.5	741	74.5	792	86.9	841	99.5	888	112.4	930	124.7	973	138.1
28000	3741	490	31.6	570	43.5	637	55.3	696	67.7	749	80.4	799	93.5	847	106.8	893	120.6	935	133.7	977	147.4
30000	4008	500	34.9	579	47.9	646	60.4	705	73.3	758	86.6	807	100.3	854	114.3	899	128.7	941	142.9	981	157.0
32000	4275	510	38.4	588	52.4	656	65.9	715	79.3	767	93.1	816	107.4	862	122.0	906	137.0	949	152.5	987	167.1
34000	4542	520	42.2	598	57.1	665	71.7	724	85.8	777	100.0	825	114.9	871	130.1	913	145.6	955	161.6	995	177.5
36000	4810	530	46.5	608	62.0	674	77.7	734	92.7	786	107.5	835	122.9	880	138.7	922	154.7	963	171.1	1003	188.2
38000	5077	541	51.2	617	67.1	684	83.9	743	99.9	795	115.4	845	131.4	890	147.8	932	164.4	971	181.1	1010	198.4
40000	5344	552	56.3	627	72.6	693	90.2	752	107.3	805	123.9	854	140.4	899	157.1	941	174.4	981	191.9	1018	209.4
42000	5611	564	61.8	638	78.4	703	96.7	761	115.0	814	132.7	863	149.8	908	167.1	950	184.7	990	202.9	1028	221.3
44000	5878	576	67.7	648	84.8	713	103.5	770	122.8	824	141.7	872	159.7	917	177.7	959	195.8	999	214.2	1037	233.3
46000	6146	588	74.0	659	91.8	723	110.7	780	130.9	833	150.8	881	170.0	927	188.9	969	207.7	1009	226.6		
48000	6413	601	80.7	670	99.2	733	118.4	790	139.2	842	160.1	891	180.7	936	200.4	978	219.9	1018	239.7		
50000	6680	614	87.8	681	107.2	743	126.7	800	148.0	852	169.8	900	191.3	945	212.1	987	232.5	1027	252.8		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 71.25 in.

Outlet Area = 9.20 sq. ft. inside

Tip Speed, fpm = 18.65 x RPM



Size

41 SISW
Design 6620 AM Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
8000	870	375	8.9	457	14.5	532	21.2	586	27.2	653	36.0	694	42.2	735	49.2	782	58.0	835	69.2		
10000	1088	374	10.3	457	16.5	527	23.3	587	30.4	650	39.1	695	46.4	741	54.8	793	55.4	837	75.4	868	82.8
12000	1306	375	11.9	457	18.6	526	25.8	588	33.7	648	42.6	695	50.7	744	60.1	795	71.2	829	79.3	867	88.8
14000	1523	377	13.6	459	21.1	527	28.8	590	37.3	646	46.3	695	55.1	746	65.5	789	75.4	828	85.0	872	96.7
16000	1741	381	15.5	460	23.5	530	32.2	591	41.1	646	50.5	695	59.9	747	71.1	787	80.7	830	91.8	877	105.0
18000	1958	386	17.3	463	26.2	531	35.4	592	45.1	646	55.0	695	65.0	746	76.4	787	86.7	833	99.3	870	110.3
20000	2176	392	19.3	468	28.9	533	38.8	593	49.2	647	59.7	697	70.4	745	81.9	788	93.4	832	105.8	869	117.3
22000	2394	399	21.4	472	31.7	537	42.3	596	53.4	649	64.7	698	76.1	745	87.9	790	100.6	830	112.6	871	125.6
24000	2611	406	23.7	478	34.6	541	46.0	599	57.8	652	69.9	701	82.0	746	94.3	792	107.7	831	120.2	874	134.7
26000	2829	413	26.2	485	37.7	547	49.8	603	62.4	655	75.3	704	88.2	748	101.1	792	114.6	833	128.5	872	142.3
28000	3046	420	29.0	492	41.0	553	53.8	608	67.1	659	80.7	708	94.6	752	108.1	794	122.0	836	137.1	873	150.9
30000	3264	427	31.9	499	44.6	559	57.9	614	71.9	664	86.2	711	100.7	756	115.6	797	129.9	837	145.0	876	160.4
32000	3482	434	35.0	506	48.5	566	62.2	620	77.0	669	91.7	715	106.9	759	122.5	801	138.3	839	153.5	879	170.0
34000	3699	441	38.1	513	52.6	573	66.9	627	82.1	675	97.5	720	113.5	763	129.6	804	146.2	844	162.7	880	179.0
36000	3917	448	41.4	520	56.9	580	71.9	633	87.5	681	103.6	726	120.3	768	137.1	808	154.2	848	171.8	884	188.9
38000	4135	455	44.8	527	61.4	587	77.2	640	93.3	688	110.1	733	127.5	775	145.1	814	162.7	851	180.5	889	199.3
40000	4352	463	48.4	533	66.1	594	82.9	647	99.5	695	116.8	739	134.5	780	152.8	820	171.7	857	190.0	893	208.7
42000	4570	470	52.4	540	70.8	601	88.8	654	106.1	702	123.7	745	142.0	786	160.8	825	180.0	863	199.8	898	219.1
44000	4787	478	56.6	548	75.6	608	94.7	661	113.0	709	131.2	753	150.1	794	169.4	832	189.1	868	209.0	904	229.8
46000	5005	486	61.2	555	80.7	615	100.9	668	120.1	716	139.2	760	158.5	800	178.3						

Size

45 SISW**Design 6620 AM Industrial Centrifugal Fans**

Wheel Diameter = 78.25 in.
Outlet Area = 11.08 sq. ft. inside
Tip Speed, fpm = 20.49 x RPM

Model 22 Maximum RPM 854
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12000 1084	341	12.4	417	19.8	481	28.0	535	36.5	593	47.2	633	55.7	675	65.9	724	78.9	762	90.4	790	99.4
14000 1264	341	14.0	416	21.9	480	30.6	536	39.7	590	50.4	632	59.9	682	72.4	720	83.1	753	93.5	791	106.0
16000 1445	343	15.6	417	24.2	480	33.4	536	43.2	588	53.8	634	64.8	679	76.6	716	87.5	758	100.9	800	115.8
18000 1626	346	17.5	418	26.7	481	36.5	536	46.8	587	57.7	637	70.1	676	81.0	719	94.2	759	107.5	791	119.3
20000 1806	348	19.3	420	29.3	482	39.7	537	50.7	587	62.1	635	74.4	677	86.6	720	100.3	755	112.5	794	127.2
22000 1987	352	21.1	423	32.0	483	43.0	539	54.8	588	66.8	634	79.2	680	93.1	717	105.5	758	120.1	794	134.5
24000 2168	357	23.1	426	34.7	486	46.5	541	59.1	590	71.8	635	84.6	678	98.3	718	112.3	757	127.0	792	141.0
26000 2348	362	25.3	430	37.5	488	50.1	542	63.3	592	76.8	637	90.5	678	104.2	721	119.7	756	133.6	795	150.1
28000 2529	368	27.5	434	40.4	492	53.8	544	67.6	592	81.6	638	96.3	680	111.0	719	125.8	758	141.9	793	157.2
30000 2710	373	29.9	439	43.4	496	57.6	547	72.0	594	86.8	639	101.9	682	117.8	720	133.1	758	149.4	794	165.6
32000 2890	378	32.5	444	46.6	500	61.5	550	76.6	597	92.2	641	108.0	682	124.1	723	141.2	759	157.1	796	175.1
34000 3071	383	35.3	449	49.9	504	65.4	554	81.4	601	98.0	645	114.5	685	131.1	723	148.1	762	166.3	795	183.0
36000 3252	389	38.3	454	53.4	509	69.4	559	86.4	604	103.4	647	120.7	688	138.7	726	156.0	762	174.0	798	192.8
38000 3432	394	41.3	459	57.2	514	73.7	563	91.2	608	108.9	650	127.0	690	145.3	729	164.3	764	182.7	799	201.7
40000 3613	399	44.5	465	61.3	520	78.4	568	96.2	613	114.8	654	133.7	694	152.7	731	171.8	768	191.9	801	211.1
42000 3793	405	47.7	470	65.5	525	83.3	573	101.6	618	120.9	659	140.4	698	160.5	735	180.4	769	200.2	805	221.3
44000 3974	410	51.0	475	70.0	530	88.3	579	107.3	622	126.8	663	147.0	701	167.6	738	188.6	774	210.0	806	230.4
46000 4155	415	54.4	480	74.5	535	93.6	584	113.0	627	133.3	668	154.3	706	175.5	742	196.9	776	218.6	811	241.4
48000 4335	421	58.0	485	79.1	541	99.3	589	119.3	633	140.1	673	161.3	710	183.2	747	205.8	780	228.1	813	250.5
50000 4516	427	61.9	491	83.8	546	105.1	595	125.9	638	146.9	678	168.8	715	191.3	750	214.1	784	237.5	818	261.4
54000 4877	438	70.5	502	93.7	556	117.2	605	139.6	648	161.9	688	184.7	725	208.2	760	232.3	794	257.0	826	282.0
58000 5239	450	80.2	513	104.1	567	129.6	615	154.3	659	178.3	699	202.1	736	226.6	770	251.7	804	277.6	835	303.7
62000 5600	463	91.1	524	115.6	578	142.6	625	169.6	669	195.8	709	221.0	746	246.5	781	272.5	814	299.3	845	326.7
66000 5961	476	103.0	536	128.6	589	156.4	636	185.4	680	213.7	719	240.9	756	267.8	791	294.9	824	322.6		
70000 6322	491	116.0	548	143.0	600	171.3	647	201.8	690	232.3	730	261.8	767	290.4	801	318.9	834	347.6		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

49 SISW**Design 6620 AM Industrial Centrifugal Fans**

Wheel Diameter = 85.25 in.
Outlet Area = 13.17 sq. ft. inside
Tip Speed, fpm = 22.32 x RPM

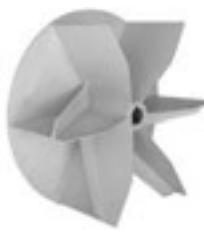
Model 22 Maximum RPM 764
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000 1066	312	14.5	384	23.4	443	33.1	491	42.9	544	55.5	580	65.4	621	78.0	668	94.3	697	105.3	723	116.3
16000 1219	314	16.1	383	25.5	443	35.9	493	46.4	539	57.8	583	70.3	626	84.4	657	95.7	692	109.2	731	125.8
18000 1371	315	17.8	384	27.7	442	38.4	495	50.3	539	61.6	585	75.4	621	87.4	661	102.2	700	118.5	728	130.7
20000 1524	316	19.5	384	30.1	441	41.2	493	53.3	541	66.2	581	78.8	624	93.5	660	107.7	693	121.5	729	138.1
22000 1676	318	21.2	385	32.6	442	44.3	493	56.7	540	70.2	582	83.8	622	98.3	659	112.7	699	130.5	729	144.6
24000 1828	320	23.1	387	35.2	443	47.5	493	60.6	539	74.2	584	89.2	621	103.3	663	120.3	694	134.5	728	151.3
26000 1981	324	25.0	388	37.8	444	50.9	495	64.9	540	79.0	582	93.6	625	110.3	659	124.8	696	142.2	729	159.0
28000 2133	327	27.0	391	40.5	446	54.5	496	69.0	542	84.2	583	99.3	622	115.0	661	132.2	694	148.4	728	165.7
30000 2285	331	29.0	393	43.3	448	58.1	497	73.0	542	88.6	584	105.0	623	121.3	660	138.2	695	155.8	730	174.4
32000 2438	335	31.2	396	46.1	450	61.6	498	77.4	543	93.6	584	110.2	624	127.8	660	145.1	696	163.4	728	181.3
34000 2590	339	33.5	400	49.0	452	65.2	501	82.1	546	99.3	586	116.5	624	133.8	662	152.6	695	170.6	730	190.7
36000 2742	343	36.0	404	52.1	456	69.1	503	86.5	546	104.1	587	122.3	627	141.3	661	159.3	697	179.3	729	198.0
38000 2895	347	38.7	408	55.3	459	73.1	505	91.0	549	109.5	589	128.2	627	147.3	664	167.7	697	186.5	731	208.0
40000 3047	352	41.5	412	58.6	462	76.8	509	95.8	552	115.3	592	135.1	629	154.5	664	174.3	700	195.9	730	215.5
42000 3199	356	44.4	416	62.1	466	80.9	512	100.6	554	120.5	593	140.7	631	161.5	667	182.8	699	203.2	733	225.9
46000 3504	363	50.4	424	69.8	474	89.6	519	110.6	560	132.0	599	153.8	636	176.2	670	198.4	703	220.5	736	244.5
50000 3809	372	56.9	432	78.1	483	99.3	527	121.0	568	144.0	605	167.2	641	191.2	675	214.6	707	238.3	739	263.6
54000 4113	380	63.5	440	87.1	491	109.6	535	132.4	575	156.5	613	181.1	648	206.4	681	231.3	712	256.6	743	283.1
58000 4418	389	70.9	448	96.5	499	120.8	543	144.9	583	169.8	620	195.7	655	222.2	687	248.6	718	275.2	749	303.0
62000 4723	398	79.0	456	106.0	507	132.7	551	158.4	591	184.3	628	211.2	663	238.6	695	266.5	725	294.5	755	323.3
66000 5028	407	88.2	465	116.0	515	145.0	5													

Wheel Diameter = 8.75 in.

Outlet Area = 0.14 sq. ft. inside

Tip Speed, fpm = 2.09 x RPM

Model 22 Maximum RPM 8356[†]

Size

5 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	1"SP		2"SP		3"SP		4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP									
100	718	1567	0.03	2178	0.07	2649	0.12	3051	0.18	3753	0.31	4306	0.45	4777	0.60	5243	0.78	5702	0.98	5997	1.13
150	1077	1627	0.04	2225	0.09	2690	0.15	3090	0.21	3762	0.35	4320	0.51	4839	0.69	5267	0.87	5709	1.08	6060	1.27
200	1436	1734	0.06	2278	0.12	2736	0.18	3132	0.25	3793	0.41	4351	0.58	4848	0.77	5289	0.97	5714	1.19	6093	1.41
250	1795	1841	0.08	2380	0.15	2800	0.22	3177	0.30	3837	0.47	4393	0.65	4881	0.86	5324	1.07	5736	1.30	6133	1.55
300	2154	1976	0.11	2486	0.19	2901	0.28	3249	0.35	3883	0.53	4442	0.74	4926	0.95	5367	1.18	5773	1.43	6160	1.68
350	2513	2132	0.15	2593	0.23	3008	0.33	3355	0.43	3947	0.62	4483	0.83	4972	1.06	5413	1.31	5818	1.56	6194	1.83
400	2872	2302	0.20	2723	0.29	3110	0.39	3463	0.51	4045	0.72	4546	0.94	5019	1.18	5457	1.44	5866	1.71	6242	2.00
450	3231	2480	0.26	2870	0.35	3227	0.46	3564	0.59	4154	0.84	4639	1.07	5084	1.32	5508	1.58	5911	1.87	6288	2.17
500	3589	2667	0.34	3030	0.43	3361	0.54	3675	0.67	4257	0.95	4748	1.23	5176	1.49	5579	1.76	5960	2.04	6327	2.35
550	3948	2859	0.43	3198	0.52	3510	0.64	3803	0.77	4358	1.07	4855	1.38	5285	1.68	5670	1.96	6035	2.25	6390	2.57
600	4307	3056	0.54	3374	0.64	3667	0.75	3945	0.89	4469	1.20	4958	1.54	5394	1.87	5781	2.19	6133	2.50	6468	2.81
650	4666	3256	0.67	3556	0.77	3834	0.89	4095	1.03	4591	1.34	5058	1.69	5494	2.06	5887	2.42	6242	2.77	6572	3.10
700	5025	3459	0.81	3742	0.93	4006	1.04	4255	1.18	4726	1.51	5171	1.87	5596	2.26	5992	2.66	6348	3.04	6677	3.41
750	5384	3665	0.98	3933	1.11	4184	1.23	4422	1.36	4869	1.69	5293	2.06	5700	2.46	6089	2.88	6453	3.31	6784	3.72
800	5743	3872	1.17	4127	1.31	4367	1.44	4594	1.57	5022	1.90	5428	2.28	5816	2.68	6192	3.12	6552	3.57	6888	4.02
850	6102	4081	1.38	4325	1.54	4553	1.67	4770	1.80	5181	2.13	5570	2.52	5943	2.93	6304	3.38	6652	3.84	6990	4.33
900	6461	4293	1.62	4524	1.79	4742	1.93	4951	2.07	5345	2.39	5719	2.78	6078	3.21	6423	3.66	6759	4.14	7087	4.64
950	6820	4505	1.88	4726	2.06	4935	2.22	5135	2.37	5515	2.68	5875	3.07	6219	3.51	6552	3.97	6876	4.45	7192	4.96
1000	7179	4718	2.18	4929	2.36	5130	2.54	5324	2.70	5689	3.01	6036	3.39	6368	3.83	6688	4.30	7001	4.80	7306	5.31
1050	7538	4933	2.50	5136	2.70	5328	2.88	5513	3.05	5867	3.37	6201	3.75	6521	4.19	6831	4.67	7133	5.17	7427	5.69
1100	7897	5148	2.85	5343	3.06	5528	3.26	5707	3.44	6047	3.78	6370	4.14	6680	4.58	6981	5.06	7271	5.57	7557	6.11
1150	8256	5364	3.24	5551	3.46	5730	3.67	5902	3.86	6231	4.22	6544	4.58	6843	5.01	7134	5.49	7416	6.01	7693	6.55
1200	8615	5581	3.66	5761	3.89	5933	4.11	6100	4.32	6417	4.69	6720	5.06	7011	5.47	7292	5.95	7566	6.48	7835	7.03
1250	8974	5798	4.11	5972	4.36	6138	4.58	6298	4.80	6606	5.21	6899	5.58	7182	5.99	7455	6.46	7722	6.98	7980	7.54
1300	9333	6016	4.61	6183	4.86	6344	5.10	6499	5.33	6798	5.76	7083	6.14	7356	6.55	7622	7.01	7879	7.53	8131	8.09

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

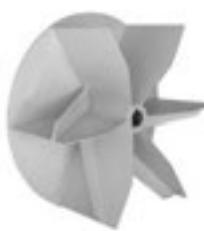
AMCA Certified Ratings Seal does not apply to the above data.

† Belt Drive is not recommended above 3600 RPM.

Wheel Diameter = 12.25 in.

Outlet Area = 0.27 sq. ft. inside

Tip Speed, fpm = 3.21 x RPM

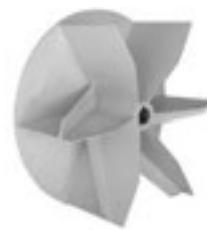


Size

7 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	1"SP		2"SP		3"SP		4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP									
300	1099	1167	0.09	1590	0.18	1924	0.30	2210	0.42	2687	0.70	3094	1.01	3456	1.36	3760	1.71	4095	2.16	4332	2.52
350	1282	1206	0.11	1608	0.21	1941	0.33	2224	0.46	2694	0.75	3099	1.08	3453	1.43	3769	1.81	4093	2.26	4340	2.64
400	1465	1244	0.13	1633	0.24	1957	0.36	2239	0.50	2717	0.81	3108	1.14	3461	1.51	3780	1.91	4094	2.36	4349	2.77
450	1648	1281	0.15	1669	0.27	1977	0.40	2256	0.54	2727	0.86	3125	1.22	3474	1.60	3793	2.01	4099	2.47	4360	2.91
500	1831	1324	0.17	1709	0.31	2005	0.44	2275	0.59	2746	0.93	3146	1.30	3490	1.70	3807	2.12	4107	2.58	4374	3.04
550	2015	1372	0.20	1747	0.35	2042	0.50	2297	0.65	2761	0.99	3160	1.38	3508	1.80	3823	2.23	4118	2.70	4390	3.19
600	2198	1424	0.23	1784	0.39	2081	0.55	2331	0.71	2777	1.06	3174	1.47	3526	1.90	3839	2.35	4131	2.83	4408	3.35
650	2381	1481	0.26	1822	0.43	2122	0.61	2368	0.79	2801	1.15	3189	1.56	3543	2.01	3855	2.47	4145	2.97	4421	3.49
700	2564	1540	0.30	1865	0.47	2158	0.67	2408	0.86	2828	1.24	3208	1.65	3560	2.12	3871	2.60	4161	3.11	4432	3.64
750	2747	1601	0.35	1912	0.52	2195	0.73	2449	0.94	2862	1.34	3231	1.76	3575	2.23	3887	2.73	4176	3.25	4446	3.80
800	2930	1664	0.40	1961	0.58	2234	0.79	2485	1.02	2900	1.45	3259	1.88	3593	2.35	3903	2.86	4192	3.40	4461	3.96
850	3113	1729	0.47	2014	0.64	2276	0.86	2521	1.10	2941	1.57	3292	2.01	3615	2.49	3920	3.00	4208	3.56	4477	4.13
900	3296	1796	0.54	2070	0.71	2322	0.93	2559	1.18	2980	1.69	3330	2.16	3644	2.64	3940	3.16	4225	3.72	4494	4.31
950	3480	1864	0.61	2128	0.79	2370	1.01	2600	1.26	3018	1.80	3369	2.31	3678	2.81	3965	3.33	4246	3.90	4513	4.50
1000	3663	1933	0.70	2188	0.87	2422	1.10	2643	1.35	3055	1.92	3409	2.47	3714	2.99	3995	3.52	4270	4.09	4530	4.70
1100	4029	2073	0.89	2312	1.30	2531	1.56	2739	2.15	3129	2.15	3484	2.78	3792	3.37	4069	3.95	4325	4.52	4574	5.13
1200	4395	2217	1.12	2441	1.31	2648	1.54	2843	2.12	3122	2.41	3557	3.08	3871	3.76	4146	4.40	4400	5.03	4639	5.65
1300	4762	2364	1.38	2575	1.60	2770	1.81	2955	2.09	3305	2.71	3634	3.41	3944	4.14	4227	4.88	4478	5.56	4712	6.23
1400	5128	2512	1.69	2712	1.92	2897	2.14														

Size

9**SISW****Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 15.625 in.
Outlet Area = 0.44 sq. ft. inside
Tip Speed, fpm = 4.09 x RPM

Model 22 Maximum RPM 4278[†]
Maximum Belt Drive Motor HP 20

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
500	1108	1718	0.70	2088	1.16	2410	1.69	2685	2.25	2924	2.84	3183	3.57	3372	4.18	3575	4.90	3802	5.81	3962	6.51
600	1329	1732	0.77	2103	1.27	2409	1.80	2684	2.39	2940	3.05	3170	3.73	3385	4.45	3581	5.18	3800	6.09	3964	6.83
700	1551	1747	0.86	2115	1.38	2429	1.96	2703	2.58	2953	3.26	3173	3.94	3397	4.72	3587	5.46	3800	6.38	3965	7.15
800	1773	1763	0.95	2130	1.50	2438	2.10	2712	2.76	2958	3.45	3184	4.18	3410	5.00	3595	5.76	3803	6.68	3968	7.48
900	1994	1784	1.06	2147	1.63	2458	2.27	2726	2.95	2971	3.67	3199	4.44	3417	5.27	3606	6.06	3810	7.00	3975	7.83
1000	2216	1815	1.19	2162	1.77	2469	2.44	2745	3.16	2988	3.91	3216	4.71	3427	5.54	3619	6.38	3820	7.34	3984	8.20
1100	2437	1852	1.34	2183	1.94	2487	2.62	2757	3.37	3007	4.17	3234	5.00	3439	5.84	3633	6.71	3829	7.69	3996	8.59
1200	2659	1889	1.50	2213	2.13	2503	2.82	2771	3.59	3019	4.41	3246	5.27	3453	6.15	3647	7.06	3840	8.05	4010	9.00
1300	2880	1925	1.65	2248	2.35	2527	3.05	2789	3.83	3032	4.67	3259	5.56	3468	6.48	3663	7.42	3852	8.43	4026	9.43
1400	3102	1959	1.80	2285	2.58	2559	3.32	2811	4.10	3048	4.95	3272	5.86	3482	6.82	3678	7.80	3866	8.82	4043	9.87
1500	3324	1995	1.97	2323	2.82	2594	3.61	2837	4.40	3068	5.26	3288	6.19	3496	7.17	3692	8.18	3879	9.23	4061	10.34
1600	3545	2034	2.14	2359	3.05	2631	3.91	2869	4.74	3093	5.62	3307	6.55	3512	7.54	3707	8.58	3893	9.66	4074	10.79
1700	3767	2076	2.33	2392	3.28	2668	4.23	2905	5.12	3123	6.01	3330	6.94	3531	7.95	3723	9.00	3907	10.10	4085	11.24
1800	3988	2121	2.54	2427	3.51	2703	4.54	2942	5.50	3157	6.44	3358	7.38	3553	8.39	3742	9.46	3923	10.57	4098	11.73
1900	4210	2169	2.78	2465	3.76	2738	4.84	2980	5.90	3194	6.89	3391	7.87	3581	8.89	3764	9.96	3942	11.08	4114	12.24
2000	4431	2220	3.03	2505	4.03	2772	5.15	3016	6.28	3231	7.36	3428	8.39	3613	9.43	3792	10.51	3965	11.63	4132	12.80
2100	4653	2272	3.30	2548	4.33	2808	5.47	3050	6.66	3268	7.82	3466	8.94	3649	10.02	3822	11.11	3992	12.24	4156	13.42
2200	4875	2326	3.61	2593	4.65	2845	5.80	3085	7.05	3304	8.28	3504	9.49	3684	10.61	3855	11.74	4021	12.89	4183	14.09
2300	5096	2382	3.94	2641	4.99	2885	6.16	3120	7.44	3338	8.74	3539	10.02	3721	11.23	3891	12.41	4053	13.59	4211	14.79
2400	5318	2439	4.30	2690	5.36	2928	6.55	3156	7.85	3373	9.20	3574	10.55	3759	11.86	3930	13.11	4090	14.33	4244	15.55
2500	5539	2497	4.69	2742	5.76	2973	6.97	3194	8.28	3408	9.68	3608	11.08	3796	12.49	3969	13.83	4130	15.12		
2600	5761	2557	5.12	2794	6.18	3019	7.41	3234	8.73	3443	10.15	3642	11.62	3830	13.09	4003	14.50	4165	15.87		
2800	6204	2678	6.08	2904	7.13	3117	8.38	3322	9.74	3520	11.19	3712	12.72	3897	14.29	4073	15.88	4238	17.43		
3000	6647	2804	7.20	3019	8.22	3221	9.48	3416	10.87	3605	12.36	3788	13.92	3967	15.56	4140	17.23				
3200	7090	2932	8.47	3137	9.48	3330	10.72	3516	12.14	3697	13.67	3871	15.25	4043	16.93	4211	18.67				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

AMCA Certified Ratings Seal does not apply to the above data.

Performance shown is for installation type B - Free inlet, Ducted outlet.

[†] Belt Drive is not recommended above 3600 RPM.

Size

11**SISW****Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 19.125 in.
Outlet Area = 0.66 sq. ft. inside
Tip Speed, fpm = 5.01 x RPM

Model 22 Maximum RPM 3502
Maximum Belt Drive Motor HP 25

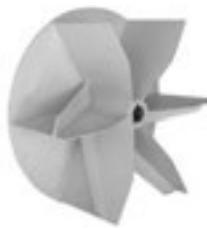
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
600	906	1431	0.85	1750	1.44	2021	2.12	2230	2.78	2458	3.63	2620	4.34	2806	5.24	3018	6.43	3137	7.17	3256	7.96
700	1057	1441	0.92	1758	1.54	2024	2.23	2244	2.95	2450	3.74	2640	4.59	2846	5.65	2980	6.42	3128	7.34	3293	8.46
800	1207	1450	1.00	1761	1.63	2028	2.35	2257	3.13	2455	3.91	2668	4.90	2824	5.73	2990	6.69	3178	7.91	3314	8.88
900	1358	1457	1.09	1767	1.74	2033	2.49	2269	3.31	2466	4.12	2660	5.04	2833	5.97	3027	7.14	3158	8.02	3302	9.07
1000	1509	1468	1.18	1774	1.86	2038	2.63	2269	3.45	2480	4.35	2662	5.24	2858	6.33	3007	7.25	3167	8.34	3345	9.66
1100	1660	1481	1.28	1783	1.99	2045	2.78	2273	3.62	2486	4.55	2673	5.49	2850	6.50	3017	7.55	3188	8.75	3321	9.76
1200	1811	1492	1.38	1793	2.13	2053	2.94	2280	3.81	2488	4.74	2688	5.78	2855	6.75	3034	7.92	3178	8.95	3337	10.18
1400	2113	1518	1.60	1816	2.42	2071	3.30	2299	4.24	2506	5.22	2693	6.25	2873	7.34	3040	8.48	3197	9.65	3344	10.85
1600	2415	1546	1.84	1842	2.74	2094	3.69	2319	4.70	2522	5.74	2713	6.84	2892	7.99	3051	9.13	3218	10.43	3357	11.61
1800	2717	1573	2.10	1870	3.09	2121	4.12	2340	5.18	2543	6.30	2730	7.46	2903	8.64	3069	9.88	3228	11.18	3373	12.46
2000	3019	1602	2.39	1897	3.46	2147	4.57	2369	5.72	2565	6.89	2750	8.11	2923	9.37	3091	10.71	3242	12.00	3391	13.38
2200	3321	1634	2.71	1925	3.85	2174	5.04	2393	6.26	2594	7.54	2776	8.83	2949	10.17	3109	11.52	3260	12.89	3410	14.36
2400	3622	1670	3.08	1952	4.27	2202	5.55	2422	6.86	2618	8.19	2801	9.57	2971	10.97	3130	12.39	3281	13.85	3432	15.39
2600	3924	1710	3.49	1983	4.74	2228	6.08	2447	7.47	2646	8.89	2827	10.34	2996	11.81	3154	13.31	3305	14.85	3453	16.46
2800	4226	1755	3.98	2017	5.25	2257	6.66	2474	8.12	2674	9.64	2854	11.15	3022	12.70	3180	14.28	3331	15.90	3476	17.56
3000	4528	1804	4.48	2054	5.82	2287	7.27	2502	8.81	2699	10.39	2882	12.01	3050	13.64	3208	15.30	3358	16.99		
3200	4830	1856	5.06	2096	6.45	2321	7.95	2530	9.54	2725	11.19	2909	12.90	3077	14.61	3235	16.35	3385	18.13		
3400	5132	1912	5.72	2141	7.14	2358	8.70	2562	10.33	2754	12.05	2934	13.81	3104	15.62	3262	17.44	3412	19.30		
3600																					

Wheel Diameter = 22.625 in.

Outlet Area = 0.93 sq. ft. inside

Tip Speed, fpm = 5.92 x RPM

Model 22 Maximum RPM 2964



Maximum Belt Drive Motor HP 40

Size

13 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
1000	1081	1224	1.31	1484	2.15	1709	3.13	1896	4.13	2081	5.32	2231	6.43	2405	7.90	2531	9.11	2649	10.33	2779	11.79
1200	1297	1232	1.47	1493	2.37	1712	3.36	1907	4.46	2097	5.73	2242	6.87	2411	8.36	2538	9.61	2665	10.98	2806	12.65
1400	1513	1242	1.65	1501	2.60	1725	3.68	1921	4.83	2098	6.08	2253	7.32	2417	8.83	2545	10.14	2679	11.65	2829	13.48
1600	1729	1256	1.85	1515	2.88	1733	3.98	1930	5.20	2103	6.47	2262	7.80	2424	9.34	2553	10.71	2693	12.33	2825	14.01
1800	1945	1272	2.06	1525	3.15	1743	4.32	1936	5.58	2111	6.91	2272	8.31	2432	9.89	2562	11.31	2706	13.05	2824	14.60
2000	2161	1290	2.29	1541	3.46	1757	4.71	1946	6.01	2120	7.39	2281	8.85	2438	10.45	2571	11.96	2714	13.72	2830	15.30
2200	2377	1305	2.53	1556	3.78	1770	5.10	1959	6.47	2131	7.91	2291	9.43	2445	11.06	2581	12.65	2717	14.38	2840	16.09
2400	2594	1322	2.79	1573	4.11	1784	5.50	1973	6.96	2143	8.46	2302	10.04	2454	11.71	2592	13.39	2723	15.12	2852	16.97
2600	2810	1338	3.06	1591	4.48	1800	5.94	1989	7.48	2157	9.04	2314	10.68	2463	12.39	2604	14.17	2732	15.92	2866	17.90
2800	3026	1356	3.35	1606	4.84	1817	6.39	2005	8.01	2171	9.65	2327	11.35	2474	13.12	2617	14.99	2743	16.79	2870	18.73
3000	3242	1375	3.67	1622	5.23	1835	6.87	2021	8.56	2187	10.27	2341	12.05	2487	13.88	2626	15.78	2756	17.71	2878	19.65
3200	3458	1396	4.02	1639	5.64	1851	7.36	2037	9.13	2203	10.93	2357	12.78	2501	14.67	2637	16.63	2771	18.68	2890	20.64
3400	3674	1418	4.39	1657	6.08	1866	7.87	2053	9.72	2219	11.60	2373	13.53	2516	15.50	2651	17.51	2781	19.60	2905	21.72
3600	3890	1443	4.80	1675	6.54	1882	8.40	2069	10.34	2236	12.30	2390	14.32	2533	16.37	2667	18.45	2794	20.57	2919	22.80
3800	4106	1469	5.26	1695	7.04	1899	8.96	2085	10.98	2252	13.03	2407	15.13	2551	17.28	2684	19.43	2809	21.61	2930	23.85
4000	4323	1498	5.75	1716	7.58	1917	9.56	2101	11.64	2268	13.77	2424	15.98	2567	18.18	2701	20.44	2827	22.71	2945	24.98
4200	4539	1528	6.28	1739	8.16	1936	10.19	2118	12.34	2284	14.54	2440	16.82	2582	19.10	2715	21.42	2843	23.80		
4400	4755	1559	6.86	1764	8.78	1956	10.86	2136	13.07	2301	15.35	2455	17.69	2597	20.05	2731	22.46	2857	24.89		
4600	4971	1592	7.49	1790	9.44	1978	11.58	2154	13.84	2318	16.19	2470	18.59	2613	21.05	2748	23.54	2874	26.05		
4800	5187	1627	8.17	1818	10.16	2001	12.34	2173	14.65	2336	17.07	2487	19.53	2630	22.08	2766	24.67	2892	27.27		
5000	5403	1662	8.89	1848	10.93	2025	13.15	2194	15.50	2353	17.97	2504	20.51	2646	23.13	2780	25.77	2906	28.45		
5400	5835	1735	10.49	1909	12.62	2077	14.92	2238	17.37	2392	19.93	2539	22.60	2678	25.32	2812	28.13	2938	30.97		
5800	6268	1809	12.29	1976	14.55	2135	16.93	2288	19.46	2436	22.12	2578	24.88	2715	27.74	2845	30.64				
6200	6700	1885	14.30	2046	16.72	2196	19.17	2342	21.78	2484	24.52	2621	27.38	2753	30.33	2882	33.39				
6600	7132	1963	16.52	2119	19.14	2262	21.69	2401	24.36	2536	27.19	2669	30.15	2796	33.17	2920	36.30				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 26.125 in.



Outlet Area = 1.23 sq. ft. inside

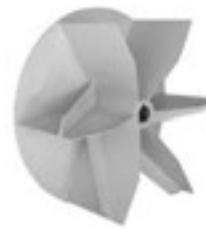
Tip Speed, fpm = 6.84 x RPM

Size

15 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
1200	974	1056	1.65	1280	2.72	1470	3.95	1643	5.34	1793	6.78	1945	8.47	2055	9.88	2179	11.62	2318	13.82	2431	15.79
1400	1136	1059	1.79	1286	2.93	1477	4.21	1648	5.63	1806	7.21	1939	8.75	2068	10.43	2216	12.60	2311	14.17	2408	15.88
1600	1299	1068	1.96	1294	3.16	1484	4.48	1653	5.94	1818	7.65	1944	9.15	2089	11.12	2200	12.81	2310	14.63	2431	16.83
1800	1461	1074	2.14	1303	3.41	1490	4.77	1658	6.28	1816	7.95	1953	9.64	2087	11.50	2202	13.30	2332	15.51	2438	17.51
2000	1623	1082	2.33	1308	3.65	1496	5.08	1664	6.64	1818	8.32	1965	10.18	2087	11.93	2217	14.02	2329	15.99	2433	17.98
2200	1786	1093	2.54	1314	3.92	1503	5.41	1671	7.02	1823	8.74	1967	10.62	2094	12.49	2220	14.55	2330	16.54	2452	18.93
2400	1948	1103	2.75	1322	4.20	1510	5.76	1678	7.44	1829	9.20	1969	11.07	2107	13.17	2220	15.07	2345	17.37	2448	19.45
2600	2110	1113	2.97	1332	4.50	1518	6.13	1686	7.87	1837	9.71	1975	11.61	2106	13.64	2230	15.77	2344	17.93	2452	20.16
2800	2273	1125	3.21	1342	4.81	1527	6.51	1694	8.34	1847	10.25	1984	12.21	2110	14.23	2237	16.46	2347	18.61	2466	21.11
3000	2435	1136	3.46	1352	5.14	1536	6.92	1703	8.81	1851	10.75	1992	12.81	2120	14.92	2238	17.07	2361	19.50	2462	21.70
3200	2597	1146	3.71	1363	5.48	1546	7.33	1710	9.28	1858	11.28	1996	13.38	2127	15.61	2246	17.84	2360	20.15	2471	22.60
3400	2760	1156	3.98	1374	5.84	1557	7.77	1719	9.77	1866	11.86	2003	14.02	2131	16.25	2255	18.63	2366	20.96	2477	23.46
3600	2922	1167	4.27	1385	6.20	1568	8.22	1729	10.29	1877	12.47	2013	14.71	2139	16.99	2258	19.34	2377	21.89	2481	24.29
4000	3247	1192	4.89	1406	6.97	1591	9.17	1751	11.41	1896	13.70	2030	16.06	2156	18.50	2276	21.04	2389	23.60	2495	26.19
4400	3571	1220	5.60	1428	7.80	1611	10.15	1772	12.56	1918	15.03	2052	17.58	2177	20.17	2294	22.79	2403	25.44	2511	28.23
4800	3896	1251	6.41	1452	8.73	1632	11.20	1793	13.79	1938	16.41	2071	19.09	2195	21.82	2311	24.59	2422	27.43	2530	30.40
5200	4221	1287	7.34	1479	9.75	1655	12.36	1814	15.07	1961	17.90	2093	20.71	2216	23.59	2332	26.53	2442	29.53	2549	32.62
5600	4545	1325	8.39	1508	10.88	1678	13.59	1836	16.45	1980	19.40	2115	22.43	2238	25.47	235					

Size

17 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 29.625 in.
Outlet Area = 1.59 sq. ft. inside
Tip Speed, fpm = 7.76 x RPM

Model 22 Maximum RPM 2256
Maximum Belt Drive Motor HP 60

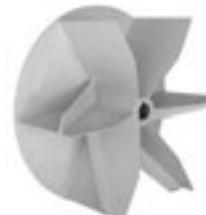
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
1600	1008	923	1.98	1124	3.27	1292	4.71	1450	6.41	1571	7.99	1716	10.16	1809	11.75	1909	13.65	2021	16.00	2147	18.93
1800	1134	925	2.12	1127	3.46	1296	4.96	1445	6.60	1588	8.50	1700	10.23	1816	12.25	1944	14.75	2023	16.49	2110	18.53
2000	1260	928	2.28	1129	3.67	1301	5.24	1448	6.91	1585	8.75	1708	10.69	1827	12.82	1924	14.75	2031	17.11	2151	20.01
2200	1386	931	2.44	1132	3.89	1307	5.54	1456	7.30	1586	9.09	1716	11.18	1823	13.13	1945	15.62	2036	17.68	2125	19.87
2400	1512	935	2.62	1135	4.13	1307	5.81	1457	7.61	1596	9.58	1712	11.50	1840	13.89	1934	15.85	2039	18.24	2151	21.06
2800	1764	946	3.00	1142	4.63	1310	6.39	1460	8.30	1594	10.30	1719	12.44	1839	14.75	1942	17.00	2045	19.44	2153	22.23
3200	2016	959	3.41	1151	5.17	1318	7.07	1465	9.06	1600	11.19	1727	13.49	1840	15.77	1949	18.21	2050	20.71	2154	23.51
3600	2268	975	3.85	1162	5.74	1324	7.75	1473	9.91	1608	12.19	1731	14.51	1843	16.89	1954	19.49	2054	22.06	2157	24.91
4000	2520	991	4.32	1176	6.37	1337	8.53	1479	10.76	1611	13.12	1734	15.58	1848	18.11	1960	20.84	2058	23.48	2159	26.40
4400	2772	1009	4.84	1192	7.04	1349	9.32	1490	11.72	1619	14.17	1740	16.74	1854	19.41	1965	22.26	2063	24.99	2162	27.98
4800	3024	1027	5.41	1209	7.74	1364	10.20	1503	12.72	1630	15.31	1749	18.00	1862	20.79	1971	23.74	2068	26.58	2166	29.64
5200	3276	1044	6.03	1226	8.50	1380	11.10	1517	13.76	1644	16.53	1760	19.33	1871	22.24	1978	25.27	2075	28.25	2171	31.40
5600	3528	1062	6.72	1244	9.31	1397	12.04	1533	14.86	1658	17.78	1773	20.73	1882	23.76	1987	26.90	2083	30.00	2178	33.24
6000	3780	1082	7.48	1261	10.18	1414	13.05	1549	16.02	1673	19.07	1788	22.20	1895	25.35	1998	28.61	2093	31.84	2186	35.18
6400	4032	1105	8.32	1279	11.14	1433	14.13	1567	17.24	1689	20.42	1803	23.72	1909	27.01	2010	30.40	2105	33.77	2196	37.21
6800	4284	1130	9.25	1297	12.17	1449	15.27	1585	18.53	1705	21.84	1819	25.29	1924	28.72	2024	32.24	2118	35.80	2208	39.34
7200	4536	1157	10.27	1316	13.28	1466	16.49	1602	19.86	1722	23.32	1835	26.91	1939	30.49	2038	34.15	2133	37.90	2221	41.58
7600	4788	1185	11.38	1338	14.48	1484	17.81	1619	21.29	1740	24.87	1852	28.59	1955	32.32	2053	36.12	2147	40.00	2237	43.92
8000	5040	1214	12.60	1362	15.79	1502	19.22	1636	22.81	1757	26.52	1869	30.35	1972	34.22	2069	38.17	2162	42.18	2251	46.27
8400	5291	1244	13.93	1387	17.21	1522	20.73	1653	24.43	1774	28.25	1886	32.20	1989	36.21	2086	40.30	2178	44.44		
8800	5543	1275	15.36	1414	18.74	1544	22.35	1671	26.16	1791	30.09	1903	34.14	2006	38.29	2103	42.52	2195	46.80		
9200	5795	1307	16.91	1442	20.39	1568	24.09	1691	27.99	1809	32.04	1920	36.20	2024	40.47	2121	44.85	2212	49.28		
9600	6047	1339	18.56	1471	22.17	1593	25.95	1712	29.95	1827	34.11	1937	38.36	2041	42.78	2138	47.25	2230	51.81		
10000	6299	1372	20.34	1500	24.07	1620	27.95	1734	32.03	1846	36.29	1954	40.65	2058	45.17	2155	49.73	2246	54.40		
10500	6614	1413	22.74	1538	26.62	1655	30.63	1765	34.81	1872	39.19	1977	43.68	2079	48.34	2176	53.04				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

19 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 33.00 in.
Outlet Area = 1.97 sq. ft. inside
Tip Speed, fpm = 8.64 x RPM

Model 22 Maximum RPM 2026
Maximum Belt Drive Motor HP 75

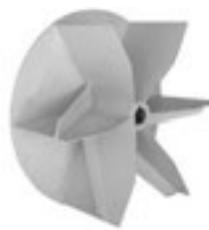
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
2000	1009	826	2.47	1006	4.08	1156	5.89	1298	8.02	1406	9.98	1535	12.68	1618	14.69	1708	17.05	1808	19.98	1920	23.63
2500	1261	830	2.85	1011	4.59	1164	6.55	1296	8.64	1418	10.94	1635	16.03	1721	18.43	1817	21.37	1925	25.01		
3000	1513	837	3.27	1015	5.15	1170	7.26	1304	9.51	1428	11.97	1532	14.37	1647	17.36	1731	19.81	1824	22.79	1925	26.33
3500	1765	846	3.75	1022	5.78	1172	7.98	1306	10.37	1427	12.87	1538	15.55	1645	18.43	1738	21.25	1830	24.28	1926	27.79
4000	2017	858	4.26	1030	8.84	1179	13.33	1311	13.99	1546	16.86	1646	19.70	1744	22.76	1834	25.87				
4500	2269	872	4.81	1040	7.18	1185	9.69	1317	12.38	1439	15.23	1549	18.13	1649	21.11	1749	24.36	1838	27.56	1930	31.13
5000	2522	887	5.40	1052	7.96	1196	10.66	1323	13.45	1442	16.40	1551	19.47	1654	22.64	1753	26.05	1842	29.35	1932	32.99
5500	2774	903	6.05	1067	8.80	1207	11.65	1334	14.65	1449	17.72	1557	20.93	1659	24.27	1758	27.82	1846	31.23	1935	34.97
6000	3026	919	6.76	1082	9.68	1221	12.75	1345	15.90	1459	19.14	1565	22.49	1666	25.99	1764	29.67	1851	33.22	1938	37.05
6500	3278	934	7.54	1097	10.63	1235	13.87	1357	17.20	1471	20.66	1575	24.16	1674	27.80	1770	31.58	1857	35.30	1943	39.25
7000	3530	950	8.40	1113	11.64	1250	15.05	1371	18.58	1484	22.22	1587	25.92	1684	29.70	1778	33.61	1864	37.49	1948	41.55
7500	3782	969	9.36	1128	12.73	1266	16.32	1387	20.03	1497	23.84	1600	27.75	1696	31.69	1787	35.76	1873	39.79	1956	43.97
8000	4034	989	10.41	1144	13.93	1282	17.67	1402	21.56	1511	25.53	1613	29.65	1708	33.76	1799	38.00	1883	42.21	1965	46.51
8500	4287	1012	11.57	1160	15.21	1297	19.09	1418	23.16	1526	27.30	1628	31.61	1721	35.91	1811	40.30	1896	44.74	1975	49.18
9000	4539	1036	12.84	1178	16.60	1312	20.62	1433	24.83	1541	29.15	1642	33.64	1735	38.12	1824	42.69	1909	47.38	1988	51.97
9500	4791	1061	14.24	1197	18.11	1328	22.27	1449	26.62	1557	31.10	1657	35.74	1750	40.41	1837	45.16				
10000	5043	1087	15.76	1219	19.75	1344	24.03	1464	28.52	1572	33.15	1673	37.95	1764	42.78	1851	47.72	1934	52.73		
10500	5295	1114	17.42	1242	21.52	1362	25.92	1479	30.55	1588	35.33	1688	40.26	1780	45.26	1866	50.38	1949			

Wheel Diameter = 36.50 in.

Outlet Area = 2.41 sq. ft. inside

Tip Speed, fpm = 9.56 x RPM

Model 22 Maximum RPM 1831



Maximum Belt Drive Motor HP 100

Size

21 SISW**Design 6630 WF Industrial Centrifugal Fans**

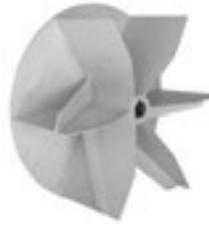
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
2500	1032	747	3.06	912	5.06	1049	7.30	1175	9.88	1273	12.28	1381	15.35	1471	18.26	1546	20.99	1631	24.32	1725	28.43
3000	1238	751	3.44	914	5.55	1055	7.97	1174	10.50	1280	13.22	1386	16.32	1475	19.31	1557	22.38	1648	26.17	1733	30.01
3500	1445	755	3.85	919	6.13	1055	8.59	1176	11.27	1286	14.18	1390	17.35	1479	20.45	1565	23.80	1662	27.94	1726	30.98
4000	1651	762	4.31	921	6.70	1059	9.34	1180	12.15	1291	15.21	1393	18.44	1482	21.66	1573	25.28	1657	28.98	1728	32.46
4500	1858	769	4.79	927	7.36	1064	10.16	1184	13.10	1295	16.29	1395	19.61	1486	22.96	1579	26.82	1656	30.34	1735	34.23
5000	2064	778	5.32	933	8.04	1067	10.95	1189	14.12	1298	17.42	1398	20.84	1489	24.34	1583	28.34	1659	31.93	1743	36.23
5500	2270	789	5.88	941	8.77	1072	11.84	1192	15.13	1302	18.61	1401	22.15	1492	25.80	1582	29.77	1663	33.67	1746	38.04
6000	2477	800	6.47	951	9.57	1080	12.80	1196	16.20	1305	19.82	1404	23.53	1496	27.33	1584	31.35	1668	35.56	1745	39.73
6500	2683	812	7.10	960	10.38	1089	13.82	1203	17.34	1310	21.11	1409	24.99	1500	28.94	1586	33.04	1673	37.56	1747	41.67
7000	2890	823	7.78	971	11.23	1098	14.85	1210	18.56	1316	22.47	1414	26.52	1505	30.63	1590	34.84	1674	39.34	1751	43.81
7500	3096	835	8.51	983	12.14	1108	15.94	1219	19.84	1323	23.91	1420	28.12	1510	32.41	1595	36.75	1676	41.28	1757	46.12
8000	3303	847	9.32	995	13.11	1119	17.08	1229	21.17	1332	25.42	1427	29.75	1517	34.22	1601	38.77	1680	43.36	1759	48.27
8500	3509	859	10.17	1006	14.12	1130	18.26	1240	22.55	1342	27.01	1434	31.45	1523	36.06	1608	40.85	1686	45.60	1762	50.50
9000	3715	872	11.11	1017	15.19	1141	19.51	1251	23.98	1351	28.61	1443	33.23	1530	37.99	1613	42.89	1694	47.99	1768	52.92
9500	3922	886	12.12	1029	16.34	1153	20.82	1262	25.47	1361	30.26	1453	35.09	1539	40.03	1621	45.06	1700	50.24	1776	55.54
10000	4128	902	13.22	1040	17.58	1164	22.20	1273	27.02	1372	31.98	1463	37.02	1549	42.16	1630	47.35	1707	52.63	1782	58.09
10500	4335	919	14.42	1053	18.89	1176	23.66	1285	28.65	1383	33.76	1474	39.03	1560	44.39	1640	49.78	1716	55.18	1789	60.70
11000	4541	937	15.70	1066	20.30	1187	25.21	1297	30.35	1395	35.63	1486	41.12	1570	46.59	1650	52.18	1727	57.91	1798	63.52
11500	4747	956	17.09	1080	21.80	1199	26.85	1309	32.15	1406	37.58	1497	43.18	1580	48.85	1660	54.61	1735	60.46	1809	66.46
12000	4954	975	18.58	1096	23.41	1211	28.58	1320	34.01	1418	39.64	1508	45.34	1592	51.22	1671	57.18	1745	63.18	1817	69.26
13000	5367	1015	21.88	1129	26.94	1238	32.36	1342	38.04	1440	43.93	1531	50.03	1615	56.21	1693	62.50	1767	68.91		
14000	5779	1056	25.64	1166	30.95	1268	36.58	1368	42.54	1464	48.71	1553	55.03	1637	61.55	1716	68.23	1790	74.97		
15000	6192	1099	29.87	1204	35.46	1302	41.32	1396	47.48	1488	53.90	1577	60.57	1660	67.30	1738	74.23	1812	81.28		
16000	6605	1143	34.58	1244	40.51	1339	46.61	1428	52.99	1515	59.66	1600	66.51	1683	73.61	1761	80.78				
17000	7018	1188	39.81	1286	46.10	1376	52.45	1462	59.06	1545	65.92	1626	73.03	1706	80.37	1784	87.88				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 40.00 in.



Outlet Area = 2.90 sq. ft. inside

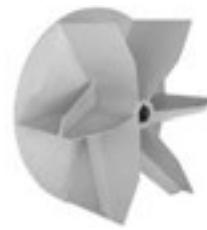
Tip Speed, fpm = 10.47 x RPM

Size

23 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
3000	1037	682	3.75	832	6.23	957	8.99	1070	12.10	1161	15.11	1259	18.80	1344	22.50	1412	25.81	1489	29.83	1574	34.77
3500	1210	688	4.14	836	6.73	962	9.66	1073	12.84	1166	16.03	1269	20.10	1341	23.37	1422	27.35	1512	32.36	1573	36.09
4000	1383	691	4.53	838	7.24	966	10.34	1075	13.62	1170	16.99	1266	20.89	1345	24.56	1436	29.23	1503	33.08	1569	37.19
4500	1556	697	4.98	842	7.82	968	11.01	1079	14.45	1175	17.99	1266	21.84	1352	25.96	1433	30.23	1503	34.37	1581	39.36
5000	1729	702	5.44	848	8.46	971	11.27	1082	15.34	1180	19.06	1268	22.94	1361	27.48	1432	31.42	1512	36.23		
5500	1902	710	5.97	853	9.13	975	12.53	1086	16.28	1184	20.18	1272	24.16	1358	28.52	1437	32.97	1515	37.81	1582	42.30
6000	2074	716	6.49	858	9.82	980	13.38	1090	17.27	1189	21.33	1278	25.49	1360	29.82	1446	34.79	1514	39.16	1589	44.36
6500	2247	724	7.06	865	10.56	985	14.27	1094	18.28	1191	22.44	1284	26.92	1364	31.30	1444	36.06	1519	40.98	1592	46.14
7000	2420	731	7.65	871	11.34	991	15.22	1098	19.35	1195	23.63	1285	28.17	1371	32.95	1447	37.63	1525	42.94	1592	47.81
7500	2593	739	8.26	879	12.16	997	16.22	1104	20.48	1200	24.91	1289	29.54	1374	34.44	1452	39.45	1525	44.50	1599	50.01
8000	2766	746	8.90	886	13.01	1004	17.26	1109	21.68	1205	26.26	1294	31.04	1377	35.99	1457	41.26	1530	46.44	1601	51.95
8500	2939	755	9.60	893	13.89	1012	18.35	1116	22.93	1211	27.70	1300	32.65	1382	37.72	1459	42.96	1537	48.63	1603	53.94
9000	3112	764	10.35	901	14.80	1019	19.47	1123	24.23	1219	29.23	1306	34.33	1389	39.60	1465	44.90	1538	50.44	1611	56.37
9500	3285	774	11.15	909	15.74	1026	20.62	1130	25.59	1225	30.72	1311	35.93	1393	41.35	1472	47.03	1543	52.58	1613	58.43
10000	3457	784	12.02	917	16.74	1034	21.81	1138	27.01	1231	32.26	1317	37.67	1398	43.21	1475	48.92	1550	54.93	1617	60.75
11000	3803	806	13.91	934	18.91	1049	24.28	1152	29.87	1246	35.59	1332	41.41	1412	47.30	1489	53.40	1560	59.43	1628	65.64
12000	4149	828	16.02	954	21.37	1065	26.98	1167	32.91	1260	39.02	1346	45.22	1426	51.51	1501	57.86	1572	64.29	1640	70.94
13000	4495	853	18.42	975	24.12																

Size

26 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 45.125 in.
Outlet Area = 3.69 sq. ft. inside
Tip Speed, fpm = 11.81 x RPM

Model 22 Maximum RPM 1481
Maximum Belt Drive Motor HP 150

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000 1082	607	4.9	737	8.1	849	11.7	942	15.5	1033	19.8	1109	24.0	1197	29.6	1257	33.8	1316	38.5	1382	44.0
4500 1218	608	5.3	739	8.6	852	12.4	948	16.4	1032	20.5	1121	25.6	1187	30.0	1257	35.0	1335	41.2	1394	46.4
5000 1353	611	5.7	742	9.2	852	13.0	951	17.2	1037	21.6	1116	26.3	1191	31.2	1269	37.0	1326	41.7	1389	47.3
5500 1488	614	6.1	745	9.7	854	13.7	951	17.9	1042	22.7	1118	27.3	1198	32.8	1262	37.6	1334	43.6	1400	49.7
6000 1623	618	6.6	748	10.3	856	14.4	952	18.8	1040	23.5	1126	28.8	1195	33.6	1271	39.6	1333	44.9	1394	50.6
6500 1759	623	7.1	751	11.0	859	15.1	956	19.7	1043	24.5	1123	29.6	1201	35.2	1268	40.5	1335	46.4	1405	53.1
7000 1894	627	7.6	755	11.6	863	16.0	961	20.8	1048	25.8	1126	30.8	1201	36.3	1272	42.1	1340	48.2	1399	54.0
7500 2029	632	8.1	759	12.3	867	16.9	961	21.6	1049	26.7	1132	32.3	1203	37.7	1275	43.7	1339	49.5	1409	56.5
8000 2164	637	8.7	762	13.0	870	17.7	964	22.6	1051	27.9	1131	33.3	1208	39.3	1275	45.0	1345	51.6	1404	57.5
9000 2435	648	9.8	771	14.6	877	19.6	973	24.9	1058	30.4	1138	36.2	1212	42.2	1280	48.3	1351	55.2	1409	61.3
10000 2706	658	11.1	782	16.2	887	21.6	979	27.1	1065	33.0	1144	39.1	1217	45.3	1286	51.8	1354	58.7	1414	65.3
11000 2976	670	12.5	792	18.0	896	23.7	989	29.7	1072	35.8	1150	42.1	1223	48.6	1292	55.5	1359	62.6	1419	69.5
12000 3247	682	14.0	802	19.8	907	26.0	999	32.4	1082	38.8	1158	45.4	1231	52.3	1300	59.4	1365	66.7	1425	74.0
13000 3517	697	15.8	814	21.9	916	28.4	1008	35.1	1092	42.0	1168	48.9	1239	56.1	1308	63.6	1372	71.1	1432	78.7
14000 3788	712	17.7	826	24.0	927	30.9	1018	38.0	1102	45.3	1178	52.7	1249	60.2	1316	67.9	1380	75.7	1439	83.6
15000 4058	727	19.7	839	26.5	939	33.6	1029	41.1	1111	48.7	1188	56.6	1258	64.4	1326	72.5	1388	80.6	1448	88.8
16000 4329	744	22.0	853	29.1	950	36.4	1040	44.2	1121	52.2	1198	60.5	1268	68.8	1335	77.3	1397	85.7	1456	94.2
17000 4599	762	24.6	868	31.9	964	39.6	1051	47.6	1132	55.9	1208	64.6	1278	73.3	1345	82.2	1407	91.1	1466	99.9
18000 4870	781	27.4	884	35.0	978	43.0	1063	51.2	1143	59.9	1218	68.8	1288	78.0	1354	87.2	1417	96.6	1476	105.8
19000 5141	801	30.5	900	38.3	992	46.6	1076	55.2	1154	64.1	1228	73.3	1299	82.8	1364	92.4	1427	102.1		
20000 5411	823	33.9	917	41.8	1007	50.5	1090	59.4	1167	68.5	1240	78.0	1309	87.8	1374	97.7	1436	107.8		
21000 5682	845	37.6	935	45.7	1023	54.7	1104	63.9	1180	73.3	1320	93.0	1384	103.3	1446	113.7				
22000 5952	868	41.7	954	49.9	1039	59.1	1119	68.6	1194	78.4	1265	88.4	1331	98.6	1395	109.1	1456	119.9		
23000 6223	892	46.1	974	54.5	1056	63.8	1135	73.7	1208	83.8	1278	94.1	1343	104.5	1406	115.3	1467	126.3		
24000 6493	915	50.7	996	59.5	1074	68.9	1150	79.0	1223	89.5	1292	100.1	1356	110.8	1419	121.8	1479	133.1		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

29 SISW

Wheel Diameter = 50.50 in.
Outlet Area = 4.62 sq. ft. inside
Tip Speed, fpm = 13.22 x RPM

Model 22 Maximum RPM 1324
Maximum Belt Drive Motor HP 200

Design 6630 WF Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000 1305	547	6.9	664	11.1	762	15.8	849	20.9	934	26.8	999	32.1	1074	38.9	1130	44.8	1187	51.1	1250	58.8
7000 1522	552	7.8	667	12.2	767	17.3	853	22.7	993	28.5	1003	34.3	1076	41.3	1133	47.4	1193	54.3	1259	62.8
8000 1740	557	8.7	673	13.5	770	18.7	858	24.4	935	30.4	1006	36.6	1078	43.7	1136	50.1	1198	57.6	1257	65.4
9000 1957	564	9.7	677	14.8	774	20.3	860	26.2	938	32.5	1010	39.0	1081	46.4	1139	53.0	1204	61.1	1257	68.3
10000 2175	572	10.9	684	16.3	780	22.1	865	28.2	942	34.8	1014	41.6	1084	49.2	1143	56.1	1207	64.4	1259	71.8
11000 2392	579	12.0	690	17.8	786	24.0	870	30.4	947	37.2	1018	44.3	1087	52.0	1147	59.4	1208	67.6	1262	75.6
12000 2610	586	13.2	697	19.5	792	25.9	876	32.8	952	39.8	1023	47.2	1090	55.1	1152	62.9	1210	71.1	1267	79.7
13000 2827	594	14.5	705	21.2	799	28.0	883	35.3	958	42.6	1028	50.2	1094	58.3	1157	66.6	1214	74.8	1273	84.1
14000 3045	603	16.0	712	23.0	806	30.3	889	37.8	964	45.5	1033	53.4	1099	61.7	1162	70.5	1218	78.9	1275	88.1
15000 3262	613	17.6	720	24.8	814	32.6	896	40.4	970	48.5	1039	56.7	1104	65.3	1166	74.3	1224	83.2	1278	92.4
16000 3480	623	19.3	728	26.8	821	34.9	903	43.2	977	51.6	1046	60.2	1110	69.1	1171	78.2	1230	87.8	1283	97.0
17000 3697	633	21.2	737	29.0	828	37.3	910	46.1	984	54.9	1052	63.9	1116	73.1	1176	82.5	1235	92.2	1289	102.0
18000 3915	644	23.1	746	31.3	836	39.9	917	49.0	991	58.3	1059	67.7	1123	77.2	1183	86.9	1240	96.9	1296	107.3
19000 4132	656	25.3	756	33.8	844	42.7	925	52.1	999	61.7	1067	71.6	1131	81.6	1190	91.7	1246	101.8	1300	112.3
20000 4350	668	27.6	766	36.4	853	45.6	933	55.3	1006	65.3	1074	75.6	1138	86.1	1198	96.6	1253	107.1	1306	117.7
21000 4567	681	30.1	777	39.3	862	48.8	941	58.7	1013	69.0	1082	79.8	1145	90.5	1204	101.4	1261	112.5	1314	123.5
22000 4784	695	32.9	788	42.3	872	52.1	950	62.3	1021	72.9	1089	83.9	1152	95.1	1211	106.3	1267	117.7	1321	129.4
23000 5002	709	35.9	799	45.5	883	55.7	959	66.2	1030	77.0	1096	88.3	1159	99.8	1218	111.5	1274	123.3		
24000 5219	724	39.1	811	48.9	893	59.4	969	70.2	1039	81.3	1104	92.8	1167	104.7	1226	116.9	1281	129.1		
25000 5437	740	42.6	824	52.5	905	63.4	978	74.4	1047	85.8	1112	97.6	1175	109.9	1233	122.3	1289	134.9		
26000 5654	756	46.3	837	56.4	916	67.5	989	78.9	1057	90.6	1121	102.7	1182	115.						

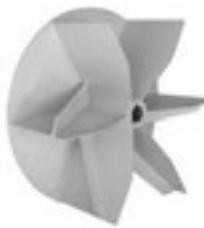
Wheel Diameter = 57.50 in.

Outlet Area = 5.99 sq. ft. inside

Tip Speed, fpm = 15.05 x RPM

Model 22 Maximum RPM 1163

Maximum Belt Drive Motor HP 250



Size

33 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
6000	1008	475	7.6	578	12.6	665	18.2	746	24.7	809	30.8	883	39.1	932	45.3	983	52.6	1041	61.6	1107	72.9
7000	1176	478	8.3	582	13.6	668	19.5	747	26.1	813	32.7	880	40.4	933	47.5	994	56.4	1050	65.5	1091	72.7
8000	1344	481	9.1	585	14.7	671	20.8	749	27.6	817	34.7	879	42.1	939	50.3	998	59.3	1044	66.9	1094	76.1
9000	1512	485	10.0	586	15.8	674	22.3	750	29.2	821	36.8	881	44.2	947	53.5	995	61.1	1049	70.3	1107	81.3
10000	1679	489	10.9	589	17.0	677	23.8	752	30.9	823	38.8	884	46.6	944	55.3	998	64.0	1056	74.3	1100	82.7
11000	1847	493	11.9	593	18.3	680	25.4	754	32.7	824	40.7	888	49.3	945	57.6	1005	67.6	1052	76.3	1103	86.2
12000	2015	498	13.0	597	19.7	683	27.0	757	34.7	826	42.9	891	51.7	948	60.5	1004	70.0	1055	79.6	1109	90.5
13000	2183	503	14.1	602	21.2	686	28.8	760	36.7	828	45.1	891	54.1	953	63.8	1005	72.9	1061	83.7	1106	93.1
14000	2351	507	15.2	606	22.7	690	30.6	763	38.8	831	47.6	894	56.7	953	66.4	1009	76.4	1060	86.4	1110	97.2
15000	2519	512	16.4	611	24.3	694	32.6	767	41.1	835	50.2	897	59.6	955	69.3	1012	79.8	1062	90.0	1113	101.2
16000	2687	518	17.7	615	26.0	698	34.6	771	43.5	839	53.0	902	62.7	959	72.6	1013	82.9	1067	94.3	1113	104.7
17000	2855	524	19.1	620	27.7	703	36.7	776	46.0	843	55.6	904	65.6	963	76.2	1016	86.7	1067	97.6	1118	109.4
18000	3023	529	20.5	625	29.5	708	38.9	781	48.6	846	58.4	907	68.7	965	79.4	1020	90.7	1070	101.7	1120	113.4
19000	3191	536	22.0	630	31.3	712	41.1	785	51.2	850	61.4	912	72.1	968	83.0	1022	94.2	1075	106.2	1122	117.7
20000	3359	542	23.7	636	33.3	717	43.4	790	53.9	855	64.6	917	75.7	973	86.9	1026	98.3	1077	110.1	1127	122.8
22000	3695	557	27.4	647	37.5	728	48.3	800	59.6	865	71.1	925	82.7	981	94.6	1034	106.7	1085	119.4	1133	132.1
24000	4031	572	31.5	660	42.2	739	53.6	810	65.6	875	77.9	935	90.4	990	103.0	1043	115.9	1094	129.2	1140	142.2
26000	4367	588	36.0	674	47.5	750	59.4	820	71.9	884	85.0	944	98.3	1001	111.9	1053	125.5	1102	139.1	1148	153.0
28000	4703	606	41.2	689	53.3	764	65.9	832	78.9	895	92.6	954	106.5	1010	120.8	1062	135.3	1111	149.7	1158	164.5
30000	5038	625	47.1	704	59.6	777	72.8	844	86.5	906	100.6	965	115.3	1019	130.3	1071	145.5	1120	160.8		
32000	5374	646	53.8	721	66.6	792	80.5	857	94.7	918	109.4	976	124.7	1030	140.2	1081	156.2	1130	172.4		
34000	5710	668	61.3	738	74.3	807	88.8	871	103.7	931	119.0	987	134.6	1041	150.9	1092	167.4	1140	184.3		
36000	6046	690	69.5	757	82.9	823	97.7	886	113.4	945	129.4	1000	145.4	1052	162.2	1103	179.3	1151	196.8		
38000	6382	713	78.6	778	92.4	840	107.5	901	123.8	959	140.4	1013	157.1	1065	174.3	1114	192.0	1162	210.0		
40000	6718	737	88.5	799	102.9	858	118.2	917	134.8	974	152.1	1027	169.6	1078	187.4	1127	205.5				

Power rating (BHP) does not include drive losses.

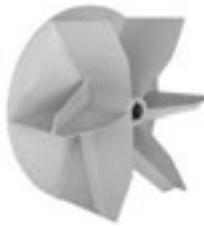
Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 64.375 in.

Outlet Area = 7.49 sq. ft. inside

Tip Speed, fpm = 16.85 x RPM

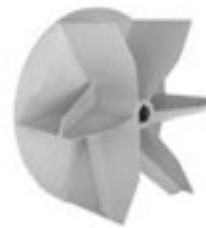


Size

37 SISW**Design 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
8000	1069	425	9.9	518	16.4	598	23.8	663	31.3	724	39.8	780	48.6	842	59.9	881	67.9	924	77.5	972	89.2
9000	1202	428	10.7	520	17.4	598	24.9	667	33.2	725	41.4	833	60.3	884	80.0	942	84.0	977	92.9		
10000	1336	429	11.4	522	18.5	598	26.1	667	34.6	729	43.7	784	52.8	838	63.2	889	74.1	931	83.9	977	95.6
11000	1470	431	12.3	524	19.6	599	27.4	667	36.0	731	45.5	786	55.1	840	65.7	887	75.9	939	88.4	982	99.7
12000	1603	434	13.2	525	20.8	601	28.9	669	37.8	730	47.2	790	57.8	839	67.7	895	80.2	936	90.2	980	102.1
13000	1737	437	14.2	527	22.0	604	30.5	672	39.8	733	49.4	789	59.5	846	71.2	890	81.5	939	93.8	985	106.3
14000	1870	440	15.2	530	23.3	606	32.1	674	41.6	736	51.8	791	62.1	843	73.0	895	85.0	940	96.7	983	108.8
16000	2138	447	17.3	535	26.1	610	35.5	677	45.4	738	56.0	794	67.0	848	78.8	896	90.7	944	103.4	986	115.8
18000	2405	454	19.6	541	29.2	616	39.2	682	49.8	742	60.8	798	72.5	853	85.1	899	97.0	947	110.5	989	123.3
20000	2672	461	22.1	549	32.5	622	43.2	688	54.4	748	66.3	804	78.5	855	91.0	903	103.9	951	118.0	993	131.2
22000	2939	469	24.8	555	36.0	629	47.5	694	59.3	753	71.7	808	84.5	859	97.6	907	111.2	955	125.9	997	139.6
24000	3206	478	27.9	563	39.6	636	52.0	701	64.7	759	77.6	813	91.0	864	104.7	912	118.9	960	134.1	1001	148.4
26000	3474	488	31.3	570	43.6	643	56.7	707	70.2	766	83.9	819	97.9	870	112.3	917	127.2	964	142.8	1006	157.7
28000	3741	498	35.1	579	47.9	650	61.6	714	75.9	773	90.6	826	105.2	876	120.3	923	135.8	969	152.0	1011	167.6
30000	4008	509	39.2	588	52.6	658	66.9	721	81.9	780	97.4	833	112.9	883	128.7	930	144.8	975	161.6	1016	177.9
32000	4275	520	43.6	598	57.9	666	72.6	729	88.3	787	104.4	840	120.9	889	137.4	936	154.3	981	171.6	1023	188.7
34000	4542	533	48.6	608	63.4	675	78.8	737	94.9	794	111.7	847	129.1	896	146.4	943	164.0	987	182.0	1029	200.1
36000	4810	546	54.1	619	69.4	685	85.5	745	102.1	801	119.4	854	137.5	903	155.6	950	174.1	994	192.8	1036	211.9
38000	5077	560	60.1	630	75.9	695	92.6	754	109.8	809	127.6	862	146.3	910	165.2	957	184.4	1000	203.9		
40000	5344	574	66.8	641	82.9	705	100.3	763	118.1	818	136.4	869	155.6	918	175.1	964	195.1				

Size

41 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 71.25 in.
Outlet Area = 9.20 sq. ft. inside
Tip Speed, fpm = 18.65 x RPM

Model 22 Maximum RPM 938
Maximum Belt Drive Motor HP 350

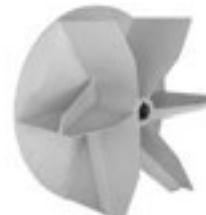
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP																		
8000	870	382	11.0	464	18.2	534	26.6	598	36.1	649	45.4	699	55.5	756	69.2	796	79.7	829	89.3	865	100.6
10000	1088	385	12.3	467	20.2	538	29.2	597	38.6	656	49.5	703	59.8	758	73.4	798	84.5	835	95.8	876	109.3
12000	1306	387	13.9	470	22.3	539	31.5	600	41.8	660	53.6	706	64.1	759	77.8	800	89.5	840	102.2	884	117.5
14000	1523	390	15.5	472	24.5	543	34.6	605	45.4	660	56.9	709	68.5	761	82.5	802	94.7	844	108.6	891	125.6
16000	1741	394	17.4	476	27.1	545	37.4	607	48.9	661	60.7	712	73.2	763	87.4	804	100.2	848	115.2	889	130.8
18000	1958	399	19.5	479	29.6	548	40.7	609	52.5	664	64.9	715	78.1	765	92.7	806	106.1	851	122.1	889	136.7
20000	2176	404	21.7	484	32.6	552	44.3	612	56.5	666	69.5	717	83.2	767	98.3	809	112.3	854	128.9	890	143.5
22000	2394	409	24.0	488	35.7	556	47.9	615	60.9	670	74.4	720	88.7	769	104.0	811	118.8	854	135.2	893	151.1
24000	2611	415	26.4	493	38.9	560	51.9	620	65.5	673	79.6	723	94.4	771	110.1	815	125.8	856	142.1	896	159.3
26000	2829	421	29.1	499	42.4	565	56.1	624	70.5	677	85.1	727	100.5	774	116.6	818	133.1	858	149.7	901	168.2
28000	3046	427	32.0	504	45.9	570	60.6	629	75.6	682	90.9	731	106.8	777	123.4	822	140.9	862	157.8	902	176.2
30000	3264	433	35.1	509	49.6	576	65.2	634	80.9	686	97.0	735	113.5	781	130.6	825	148.5	866	166.4	904	184.7
32000	3482	441	38.6	515	53.7	580	69.8	639	86.4	691	103.3	740	120.5	785	138.2	828	156.5	870	175.6	908	194.0
34000	3699	448	42.3	521	58.0	586	74.7	644	92.1	696	109.8	744	127.8	790	146.2	832	164.9	873	184.5	912	204.1
36000	3917	456	46.3	528	62.6	591	79.9	649	98.0	701	116.6	749	135.4	794	154.5	837	173.9	877	193.7	917	214.6
38000	4135	464	50.6	535	67.6	597	85.4	654	104.2	706	123.5	755	143.2	800	163.2	842	183.3	881	203.6	920	224.6
40000	4352	473	55.3	542	72.9	603	91.2	660	110.6	712	130.6	760	151.3	805	172.2	847	193.2	886	214.1	924	235.4
42000	4570	482	60.3	550	78.6	610	97.5	666	117.4	717	138.1	765	159.6	810	181.0	852	202.8	892	225.0	929	247.0
44000	4787	491	65.8	557	84.6	617	104.2	672	124.6	722	145.8	770	167.9	815	190.1	856	212.7	896	235.5	934	258.9
46000	5005	502	71.8	565	91.0	624	111.3	678	132.3	728	154.0	775	176.5	820	199.6	862	223.0	901	246.5		
48000	5223	512	78.2	574	97.8	632	118.8	685	140.4	735	162.7	781	185.6	825	209.5	867	233.8	906	258.1		
50000	5440	523	85.2	583	105.1	640	126.8	692	148.9	741	171.7	787	195.2	831	219.8	872	244.6	912	269.9		
52000	5658	535	92.7	592	112.8	648	135.0	699	157.8	748	181.2	793	205.4	836	230.1	877	255.5	916	281.5		
54000	5875	547	100.7	602	121.1	656	143.7	707	167.3	755	191.3	800	215.9	842	241.1	883	267.2	922	293.8		
56000	6093	558	109.2	612	129.9	664	152.8	715	177.2	762	201.9	806	226.9	848	252.8	889	279.5	928	306.8		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

45 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 78.25 in.
Outlet Area = 11.08 sq. ft. inside
Tip Speed, fpm = 20.49 x RPM

Model 22 Maximum RPM 854
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
12000	1084	351	14.8	426	24.3	490	35.2	544	46.4	597	59.5	641	72.0	691	88.6	726	101.5	760	115.2	798	131.7
14000	1264	352	16.3	427	26.3	491	37.5	546	49.5	598	62.9	644	76.6	690	92.3	726	105.9	766	122.6	811	143.1
16000	1445	355	18.0	430	28.6	492	40.2	548	52.8	600	66.5	647	81.3	689	96.0	729	111.7	775	131.3	805	145.6
18000	1626	357	19.8	432	31.0	495	43.1	550	56.3	601	70.4	650	86.2	690	100.7	734	118.5	771	134.6	805	151.5
20000	1806	361	21.7	434	33.4	497	46.2	552	59.9	603	74.5	651	90.6	693	106.1	735	123.8	771	140.2	811	159.9
22000	1987	364	23.8	437	36.2	500	49.6	555	63.8	605	78.9	652	95.1	696	112.0	735	128.8	774	147.4	811	166.4
24000	2168	368	26.1	441	39.1	503	53.2	557	67.9	607	83.5	653	100.0	698	118.0	737	135.0	777	154.7	811	172.5
26000	2348	372	28.3	444	42.2	506	56.9	560	72.1	610	88.4	655	105.3	699	123.3	740	142.0	777	160.5	814	180.6
28000	2529	376	30.7	448	45.4	509	60.8	563	76.7	612	93.6	658	111.1	700	129.2	742	148.9	779	167.7	817	188.8
30000	2710	380	33.3	452	48.7	513	64.9	566	81.4	616	99.0	661	117.2	703	135.8	743	155.2	782	176.1	817	195.8
32000	2890	385	36.0	456	52.2	516	69.2	569	86.4	619	104.8	664	123.5	706	142.9	745	162.4	784	183.4	819	204.5
34000	3071	389	38.9	459	55.8	520	73.6	573	91.6	622	110.4	666	129.7	709	149.8	749	170.5	785	191.1	823	213.7
36000	3252	394	42.1	464	59.5	524	78.2	577	97.1	625	116.3	669	136.2	711	156.8	751	178.2	789	200.0	824	221.8
38000	3432	400	45.5	468	63.5	528	82.8	581	102.7	629	122.6	673	143.2	714	164.4	753	186.0	791	208.8	827	231.4
40000	3613	406	49.1	472	67.7	532	87.6	585	108.3	632	129.1	677	150.7	718	172.5	757	194.7	794	217.4	830	241.4
42000	3793	411	53.0	477	72.1	536	92.6	588	114.0	637	135.9	681	158.1	722	180.6	761	203.8	797	227.0	832	250.7
44000	3974	417	57.1	482	76.9	540	97.9	592	120.0	641	142.8	684	165.5	725	188.7	763	212.4	801	236.8	835	261.4
46000	4155	424	61.5	488	82.0	545	103.5	596	126.2	644	149.6	688	173.3	729	197.5	767	221.8	803	246.4	839	271.9
48000	4335	430	66.1	493	87.3	549	109.3	601	132.7	648	156.7	692	181.6	733	206.5	772	231.8	808	257.1	842	282.6
50000	4516	437	71.1	499	93.0	554	115.6	605	139.5	652	164.2	696	189.6	736	215.2	775	241.1	811	2		

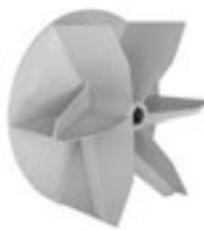
Wheel Diameter = 85.25 in.

Outlet Area = 13.17 sq. ft. inside

Tip Speed, fpm = 22.32 x RPM

Model 22 Maximum RPM 784

Maximum Belt Drive Motor HP 350



Size

49 SISW

Design 6630 WF Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
14000	1066	321	17.4	392	28.7	452	41.8	500	54.9	547	69.7	589	85.2	635	104.9	665	119.0	698	135.9	734	156.4
16000	1219	323	18.8	392	30.6	452	44.1	503	58.3	547	73.0	595	91.4	630	106.5	667	124.2	708	146.4	740	164.8
18000	1371	324	20.4	393	32.7	453	46.7	505	61.8	550	76.9	593	94.2	632	111.2	675	133.0	705	149.3	737	168.4
20000	1524	327	22.2	395	35.0	454	49.4	506	64.8	552	81.3	593	97.9	637	117.8	671	135.3	706	155.1	745	179.3
22000	1676	329	24.1	397	37.4	456	52.3	506	68.1	554	85.4	595	102.8	635	121.6	672	140.9	711	163.4	741	182.0
24000	1828	331	26.0	399	40.0	457	55.4	508	71.6	554	89.1	599	108.4	636	126.4	677	148.3	708	167.2	743	189.8
26000	1981	334	28.1	401	42.8	459	58.6	509	75.5	555	93.3	598	112.4	639	132.7	675	152.5	711	174.7	745	196.8
28000	2133	337	30.3	404	45.6	461	62.1	511	79.6	557	98.1	600	117.3	640	138.0	677	158.9	712	181.1	745	203.0
30000	2285	341	32.6	407	48.7	463	65.7	514	84.0	560	103.3	602	123.0	641	143.4	679	165.9	713	187.3	749	212.4
32000	2438	344	35.0	409	51.8	465	69.5	516	107.9	604	128.7	643	150.0	679	171.5	717	196.1	747	217.9		
34000	2590	347	37.4	412	55.1	468	73.5	518	92.9	563	112.9	605	134.0	645	156.2	682	179.0	716	201.8	750	226.9
36000	2742	350	40.0	415	58.5	471	77.7	520	97.6	565	118.4	607	140.0	646	162.3	683	185.8	718	209.8	751	234.2
38000	2895	353	42.7	418	62.0	474	82.1	523	102.6	568	124.4	610	146.7	649	169.5	684	192.8	720	217.7	753	242.7
40000	3047	357	45.7	422	65.6	477	86.5	526	107.9	570	129.9	612	152.6	650	176.3	688	201.2	721	225.4	755	251.7
42000	3199	361	48.8	425	69.3	480	91.0	529	113.2	573	135.8	614	159.2	652	183.3	689	208.2	724	234.7	756	259.9
46000	3504	369	55.6	432	77.3	486	100.4	535	124.2	579	148.6	619	173.2	657	198.6	694	224.9	728	251.8	760	278.5
50000	3809	378	63.3	439	86.0	492	110.4	541	135.8	585	161.8	625	188.3	663	215.0	699	242.7	732	270.0	764	298.3
54000	4113	388	71.7	447	95.8	499	121.1	547	148.0	591	175.4	631	203.5	669	232.0	704	260.6	737	289.5	769	319.2
58000	4418	398	81.1	455	106.6	507	133.0	553	160.8	597	189.9	637	219.4	674	249.4	710	279.6	743	310.1	774	341.3
62000	4723	409	91.6	465	118.3	515	146.1	561	174.9	603	205.2	643	236.0	680	267.6	715	299.5	748	331.6	780	364.2
66000	5028	421	103.4	474	130.9	523	160.1	568	190.1	610	221.2	649	253.5	688	286.5	721	320.0	754	353.8		
70000	5332	433	116.7	484	144.8	532	175.3	576	206.5	617	238.6	656	272.2	693	306.3	727	341.3	760	376.7		
74000	5637	447	131.3	494	160.0	541	191.6	585	224.2	625	257.5	663	292.0	699	327.2	734	363.4	766	400.4		
78000	5942	460	147.4	506	176.7	551	209.2	594	243.1	633	277.7	671	313.2	706	349.4	740	386.7	773	424.9		
82000	6246	474	165.0	518	195.1	561	228.1	603	263.3	642	299.3	679	336.0	714	373.1	747	411.4	779	450.7		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 93.75 in.

Outlet Area = 15.90 sq. ft. inside

Tip Speed, fpm = 24.54 x RPM



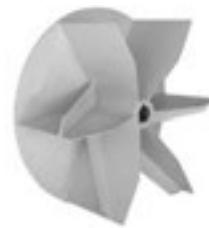
Size

54 SISW

Design 6630 WF Industrial Centrifugal Fans

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
20000	1254	293	23.3	356	37.6	409	53.9	455	71.1	498	90.1	537	110.3	574	132.0	605	152.0	639	176.6	676	205.8
22000	1380	294	24.9	357	39.9	412	57.0	458	75.1	499	93.6	539	114.9	573	135.3	612	161.2	640	182.1	668	204.9
24000	1505	296	26.7	358	42.2	412	59.4	458	78.0	502	98.6	538	118.3	578	142.8	608	163.2	641	188.1	676	216.7
28000	1756	300	30.5	362	47.3	414	65.3	460	85.0	502	105.7	541	127.7	578	151.8	611	174.7	643	200.1	676	228.6
32000	2007	304	34.6	365	41.7	417	72.1	462	92.5	504	114.4	544	138.0	579	161.8	613	186.8	645	212.8	677	241.5
36000	2258	308	39.1	368	58.4	420	79.0	466	101.2	508	124.2	547	148.6	581	173.0	615	199.5	647	226.3	678	255.3
40000	2509	313	43.8	373	64.9	424	86.8	469	109.7	510	134.1	548	159.2	583	185.1	618	212.9	649	240.6	680	270.1
44000	2760	318	48.9	377	71.6	428	95.0	472	119.2	513	144.5	551	170.8	586	198.1	620	227.0	651	255.7	682	285.8
48000	3011	323	54.6	382	78.6	432	103.7	477	129.6	517	155.9	554	183.4	589	211.8	623	241.8	654	271.6	684	302.5
52000	3262	329	60.9	387	86.0	437	112.9	481	140.2	521	168.1	558	196.7	593	226.4	626	257.4	657	288.5	686	320.2
56000	3512	335	67.8	392	94.1	441	122.2	485	151.2	526	180.9	562	210.8	597	241.7	630	273.8	660	306.3	689	338.9
60000	3763	342	75.4	397	102.8	446	132.1	490	162.7	530	194.3	566	225.6	601	257.8	633	291.0	664	325.0	693	358.6
64000	4014	349	83.7	403	112.4	451	142.8	494	174.8	534	207.8	571	240.9	605	274.6	637	309.0	668	344.8	696	379.4
68000	4265	356	92.6	409	122.8	456	154.2	499	187.4	539	221.8	575	256.8	609	291.9	641	327.8	672	364.5	701	401.2
72000	4516	364	102.4	416	133.9	462	166.5	504	200.8	543	236.4	580	273.0	614	309.8	645	347.2	676	385.2	705	424.2
76000	4767	372	113.2	423	145.8	468	179.7	510	215.0	548	251.7	584	289.7	618	328.2	650	367.2	680	406.6	709	446.9
80000	5018	381	125.1	430	158.5	474	193.9	515	230.3	553	268.0	589	307.2	623	347.2	654	387.9	684	428.8	713	470.3
84000	5269	391	138.2	437	172.2	481	208.9	521	246.6	559	285.3	594	325.5	627	366.9	659	409.1	689	451.7		
88000	5520	401	152.5	445	187.0	488	224.9	528	264.1	564	303.8	599	344.8	632	387.5	664	431.2	694	475.4		
92000																					

Size

60 SISW**Design 6630 WF Industrial Centrifugal Fans**

Wheel Diameter = 104.25 in.
 Outlet Area = 19.65 sq. ft. inside
 Tip Speed, fpm = 27.29 x RPM

Model 22 Maximum RPM 611
 Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
20000	1016	261	25.2	318	41.8	366	60.3	411	82.4	445	102.0	485	128.8	513	150.6	541	174.2	572	203.3	607	239.5
25000	1270	264	29.0	320	46.8	368	66.7	410	88.2	449	112.2	483	136.3	518	164.7	545	188.6	574	217.9	608	253.9
30000	1524	267	33.3	323	52.5	371	74.1	413	97.2	451	121.9	485	146.8	520	176.6	548	202.9	576	232.6	609	268.9
35000	1778	270	38.1	325	58.8	372	81.2	414	105.6	452	131.2	487	159.0	520	187.8	550	217.5	578	247.8	610	284.6
40000	2032	274	43.4	329	65.7	376	89.9	417	115.3	454	142.6	490	172.2	521	200.7	552	232.8	580	263.9	611	301.4
45000	2286	278	49.0	332	73.0	378	98.5	420	125.9	457	154.9	492	184.5	523	215.0	555	248.8	582	280.9		
50000	2540	282	54.9	336	81.1	382	108.5	422	136.8	459	166.9	494	198.0	525	230.5	557	265.7	584	298.9		
55000	2794	287	61.3	340	89.6	385	118.6	426	149.0	462	180.3	496	212.9	528	247.0	559	283.5	586	317.9		
60000	3048	292	68.5	344	98.4	390	129.8	430	161.9	466	194.8	499	228.9	531	264.4	562	301.8	589	338.0		
65000	3302	297	76.5	349	107.9	394	141.1	433	175.1	470	210.3	503	245.9	534	282.9	564	321.4	592	359.2		
70000	3556	303	85.3	353	117.9	398	152.9	437	189.1	474	226.3	507	263.8	538	302.3	567	342.1	595	381.5		
75000	3810	309	94.9	358	129.1	402	165.6	442	203.7	478	242.6	511	282.4	542	322.6	571	364.0	598	405.0		
80000	4064	315	105.4	364	141.3	407	179.0	446	219.0	482	259.7	515	301.8	545	343.7	575	386.8	602	429.7		
85000	4318	322	116.8	370	154.4	412	193.4	450	234.8	486	277.4	519	321.6	549	365.5	578	410.2	606	455.6		
90000	4572	329	129.3	376	168.5	417	209.0	455	251.6	490	295.9	523	342.0	553	387.9	582	434.6	610	482.2		
95000	4826	337	143.2	382	183.6	423	225.9	460	269.7	494	315.3	527	363.2	557	411.0	586	459.6				
100000	5080	345	158.4	388	199.8	428	243.9	465	289.1	499	336.0	531	385.2	561	434.7	590	485.3				
105000	5335	354	175.1	395	217.2	435	263.0	471	309.8	504	357.9	536	408.3	566	459.5	594	511.9				
110000	5589	363	193.3	402	236.1	441	283.3	476	331.9	509	381.4	541	432.8	570	485.4	598	539.6				
115000	5843	372	213.0	410	256.5	447	304.8	482	355.2	515	406.3	546	458.8	575	512.7	603	568.5				
120000	6097	382	234.1	418	278.6	454	327.7	489	379.9	521	432.7	551	486.4	580	541.7	607	599.0				
125000	6351	391	256.8	427	302.5	461	352.2	495	405.7	527	460.6	556	515.6	585	572.6						
130000	6605	401	281.1	435	328.1	469	378.5	501	432.9	533	489.4	562	546.5	590	604.5						
135000	6859	411	306.9	444	355.6	476	406.5	508	461.8	539	519.7	568	579.1	596	638.1						
140000	7113	421	334.5	454	384.9	485	436.6	515	492.5	545	551.7	574	612.4	602	673.6						

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 12.25 in.

Outlet Area = 0.27 sq. ft. inside

Tip Speed, fpm = 3.21 x RPM

Model 22 Maximum RPM 5457[†]

Maximum Belt Drive Motor HP 15



Size

7 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	1"SP		2"SP		3"SP		4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP									
300	1105	1148	0.07	1566	0.15	1905	0.24	2205	0.34	2698	0.55	3122	0.81	3469	1.06	3797	1.35	4092	1.65	4417	2.03
350	1289	1181	0.09	1581	0.17	1911	0.26	2200	0.37	2690	0.59	3109	0.85	3469	1.13	3798	1.43	4108	1.76	4387	2.09
400	1473	1219	0.10	1607	0.19	1925	0.29	2205	0.40	2695	0.65	3105	0.91	3469	1.20	3798	1.51	4119	1.86	4378	2.18
450	1657	1258	0.12	1639	0.22	1947	0.33	2218	0.44	2695	0.70	3104	0.97	3468	1.27	3798	1.60	4120	1.96	4379	2.29
500	1841	1300	0.13	1674	0.25	1973	0.36	2236	0.48	2700	0.75	3108	1.04	3468	1.35	3797	1.69	4109	2.05	4384	2.41
550	2025	1345	0.15	1710	0.28	2006	0.40	2262	0.53	2714	0.81	3115	1.12	3470	1.44	3797	1.78	4102	2.15	4392	2.54
600	2210	1392	0.17	1749	0.31	2039	0.44	2292	0.58	2733	0.87	3125	1.19	3474	1.53	3798	1.88	4100	2.26	4391	2.67
650	2394	1443	0.20	1789	0.34	2076	0.49	2323	0.63	2755	0.93	3136	1.27	3481	1.62	3802	1.99	4100	2.38	4383	2.78
700	2578	1495	0.23	1831	0.37	2113	0.53	2359	0.69	2782	1.00	3155	1.35	3493	1.71	3809	2.10	4104	2.50	4381	2.91
750	2762	1549	0.26	1874	0.41	2152	0.58	2396	0.75	2813	1.08	3178	1.44	3509	1.81	3820	2.21	4111	2.63	4384	3.05
800	2946	1605	0.29	1920	0.45	2193	0.63	2433	0.81	2845	1.16	3206	1.53	3530	1.92	3836	2.33	4124	2.76	4393	3.20
850	3130	1661	0.32	1969	0.49	2235	0.68	2472	0.87	2880	1.24	3236	1.63	3555	2.03	3857	2.46	4138	2.90	4406	3.36
900	3314	1717	0.36	2019	0.54	2278	0.73	2511	0.93	2916	1.33	3268	1.73	3583	2.15	3878	2.58	4152	3.03	4414	3.50
950	3499	1774	0.41	2070	0.59	2323	0.79	2552	1.00	2953	1.42	3303	1.84	3614	2.27	3902	2.72	4172	3.18	4429	3.66
1000	3683	1831	0.45	2123	0.65	2370	0.85	2594	1.07	2991	1.52	3337	1.96	3648	2.40	3929	2.86	4197	3.33	4450	3.83
1100	4051	1944	0.56	2233	0.77	2468	0.99	2684	1.22	3070	1.71	3408	2.19	3712	2.67	3995	3.17	4254	3.66	4499	4.18
1200	4419	2060	0.68	2344	0.91	2572	1.15	2778	1.39	3152	1.91	3486	2.45	3786	2.97	4059	3.49	4316	4.02	4559	4.57
1300	4788	2179	0.82	2457	1.07	2679	1.32	2878	1.58	3239	2.12	3564	2.70	3860	3.28	4132	3.85	4383	4.41	4620	4.98
1400	5156	2304	0.98	2570	1.25	2790	1.52	2982	1.79	3330	2.36	3648	2.97	3939	3.60	4206	4.21	4455	4.82	4688	5.42
1500	5524	2432	1.16	2683	1.45	2903	1.74	3090	2.03	3428	2.63	3734	3.26	4019	3.92	4282	4.59	4530	5.25	4761	5.90
1600	5892	2563	1.37	2796	1.67	3015	1.99	3200	2.29	3527	2.92	3824	3.57	4102	4.26	4361	4.97	4605	5.68	4836	6.39
1700	6261	2696	1.60	2912	1.92	3128	2.26	3312	2.58	3631	3.24	3919	3.91	4189	4.62	4444	5.37	4683	6.12	4911	6.88
1800	6629	2831	1.86	3031	2.19	3239	2.55	3424	2.90	3738	3.58	4018	4.29	4280	5.02	4529	5.79	4763	6.58	4988	7.38
1900	6997	2967	2.15	3153	2.49	3352	2.86	3536	3.24	3847	3.96	4120	4.69	4375	5.45	4618	6.24	4847	7.06	5067	7.90
2000	7365	3104	2.47	3278	2.83	3466	3.21	3649	3.61	3957	4.37	4224	5.13	4473	5.91	4709	6.73	4933	7.56	5150	8.43

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

AMCA Certified Ratings Seal does not apply to the above data.

† Belt Drive is not recommended above 3600 RPM.

Wheel Diameter = 15.625 in.

Outlet Area = 0.44 sq. ft. inside

Tip Speed, fpm = 4.09 x RPM



Size

9 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
500	1114	1714	0.56	2096	0.92	2425	1.33	2696	1.76	2957	2.24	3181	2.73	3443	3.38	3603	3.83	3780	4.37	3976	5.01
600	1337	1714	0.62	2096	1.01	2414	1.43	2698	1.89	2969	2.43	3185	2.92	3436	3.57	3607	4.06	3797	4.66	4009	5.39
700	1559	1721	0.70	2093	1.10	2421	1.56	2705	2.05	2964	2.58	3187	3.11	3431	3.76	3609	4.30	3809	4.95	4019	5.71
800	1782	1735	0.78	2100	1.21	2416	1.69	2702	2.20	2956	2.75	3188	3.31	3426	3.97	3611	4.54	3817	5.24	3999	5.92
900	2005	1756	0.86	2108	1.32	2421	1.83	2699	2.36	2953	2.93	3189	3.53	3421	4.20	3611	4.80	3822	5.54	3990	6.19
1000	2228	1784	0.96	2127	1.45	2430	1.98	2703	2.54	2955	3.13	3190	3.76	3418	4.44	3611	5.08	3818	5.82	3987	6.50
1100	2451	1816	1.07	2149	1.58	2442	2.13	2713	2.73	2960	3.35	3192	4.00	3416	4.69	3611	5.36	3810	6.11	3988	6.83
1200	2673	1849	1.18	2178	1.73	2463	2.30	2725	2.92	2968	3.57	3197	4.25	3416	4.96	3612	5.66	3806	6.41	3990	7.19
1300	2896	1884	1.31	2206	1.88	2489	2.49	2742	3.13	2982	3.81	3205	4.51	3420	5.24	3615	5.97	3805	6.74	3994	7.56
1400	3119	1921	1.43	2238	2.05	2516	2.68	2764	3.34	2999	4.05	3217	4.77	3426	5.54	3621	6.30	3807	7.08	3996	7.94
1500	3342	1958	1.56	2272	2.23	2545	2.89	2790	3.58	3020	4.31	3233	5.06	3437	5.84	3631	6.64	3814	7.45	3995	8.30
1600	3564	1996	1.69	2308	2.41	2577	3.11	2819	3.82	3045	4.58	3253	5.35	3452	6.15	3645	7.00	3824	7.83	3999	8.69
1700	3787	2037	1.83	2345	2.60	2610	3.34	2849	4.09	3072	4.87	3276	5.66	3471	6.49	3659	7.34	3840	8.23	4009	9.10
1800	4010	2079	1.98	2382	2.79	2645	3.58	2881	4.37	3101	5.17	3302	5.99	3494	6.84	3678	7.71	3856	8.63	4025	9.54
1900	4233	2123	2.15	2420	2.99	282	4.87	3058	5.90	3267	6.92	3460	7.91	3641	8.90	3814	9.90	3979	10.92	4045	10.01
2000	4456	2168	2.32	2459	3.19	2717	4.08	2950	4.96	3163	5.83	3361	6.71	3549	7.61	3727	8.53	3896	9.47	4062	10.44
2100	4678	2215	2.51	2499	3.40	2754	4.34	2986	5.27	3196	6.18	3394	7.10	3581	8.03	3757	8.98	3923	9.94	4084	10.92
2200	4901	2263	2.72	2541	3.63	2793	4.60	3022	5.59	3231	6.54	3428	7.50	3610	8.45	3785	9.43	3953	10.43	4111	11.44</

Size

11 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 19.125 in.
Outlet Area = 0.66 sq. ft. inside
Tip Speed, fpm = 5.01 x RPM

Model 22 Maximum RPM 3495
Maximum Belt Drive Motor HP 25

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
600	906	1411	0.66	1720	1.10	1985	1.61	2223	2.18	2419	2.75	2604	3.38	2822	4.22	2967	4.86	3092	5.46	3229	6.17
700	1057	1409	0.72	1724	1.18	1986	1.70	2236	2.32	2420	2.88	2638	3.63	2795	4.26	2948	4.94	3120	5.78	3313	6.83
800	1207	1415	0.80	1728	1.28	1987	1.80	2226	2.41	2429	3.04	2625	3.73	2792	4.41	2983	5.28	3135	6.05	3262	6.75
900	1358	1418	0.88	1732	1.38	1989	1.92	2222	2.53	2443	3.22	2618	3.86	2814	4.68	2969	5.40	3118	6.16	3284	7.09
1000	1509	1422	0.96	1733	1.49	1991	2.06	2222	2.67	2436	3.36	2626	4.07	2805	4.82	2967	5.59	3149	6.54	3282	7.31
1100	1660	1430	1.05	1736	1.61	1994	2.20	2224	2.84	2432	3.52	2636	4.29	2801	5.01	2989	5.91	3128	6.66	3277	7.53
1200	1811	1441	1.13	1740	1.74	1997	2.36	2228	3.02	2435	3.72	2627	4.46	2812	5.27	2972	6.06	3132	6.93	3295	7.89
1400	2113	1463	1.30	1755	1.99	2008	2.69	2239	3.43	2445	4.18	2636	4.96	2807	5.75	2984	6.64	3131	7.48	3295	8.48
1600	2415	1493	1.49	1776	2.24	2024	3.03	2245	3.83	2449	4.64	2637	5.47	2816	6.35	2983	7.24	3137	8.14	3289	9.11
1800	2717	1527	1.69	1803	2.50	2044	3.37	2262	4.25	2464	5.16	2651	6.07	2825	6.99	2985	7.91	3146	8.90	3290	9.86
2000	3019	1566	1.91	1834	2.79	2068	3.70	2281	4.67	2477	5.65	2660	6.64	2832	7.63	2995	8.65	3156	9.71	3296	10.70
2200	3321	1608	2.16	1868	3.09	2098	4.07	2306	5.09	2498	6.15	2677	7.22	2847	8.31	3010	9.42	3161	10.50	3305	11.60
2400	3622	1653	2.42	1906	3.43	2129	4.46	2333	5.54	2523	6.66	2700	7.82	2867	8.99	3025	10.17	3173	11.33	3317	12.52
2600	3924	1700	2.71	1946	3.78	2166	4.89	2366	6.02	2549	7.18	2723	8.40	2887	9.65	3042	10.90	3189	12.15	3332	13.44
2800	4226	1750	3.02	1991	4.16	2204	5.33	2399	6.52	2580	7.75	2750	9.01	2911	10.31	3063	11.64	3209	12.97	3351	14.35
3000	4528	1801	3.36	2036	4.56	2244	5.80	2435	7.06	2614	8.35	2780	9.66	2938	11.02	3088	12.40	3231	13.81	3371	15.26
3200	4830	1853	3.73	2083	4.99	2288	6.30	2475	7.63	2650	8.99	2813	10.35	2968	11.76	3115	13.19	3257	14.66	3394	16.18
3400	5132	1905	4.12	2133	5.46	2333	6.83	2516	8.23	2688	9.65	2848	11.08	3000	12.54	3146	14.03	3285	15.55	3420	17.11
3600	5434	1957	4.56	2183	5.95	2380	7.39	2560	8.86	2728	10.35	2885	11.85	3035	13.36	3178	14.91	3315	16.48	3448	18.09
3800	5735	2009	5.02	2234	6.49	2429	7.99	2605	9.52	2770	11.08	2924	12.64	3071	14.23	3212	15.83	3347	17.46	3477	19.11
4000	6037	2062	5.52	2286	7.05	2478	8.62	2651	10.21	2814	11.84	2965	13.47	3110	15.12	3249	16.79	3382	18.48		
4200	6339	2116	6.06	2338	7.66	2528	9.29	2699	10.94	2859	12.64	3008	14.33	3150	16.06	3287	17.80	3418	19.55	3457	20.66
4400	6641	2171	6.63	2390	8.31	2579	10.00	2748	11.72	2905	13.47	3052	15.23	3193	17.04	3328	18.85				
4600	6943	2227	7.24	2443	9.00	2631	10.75	2798	12.54	2952	14.34	3098	16.18	3237	18.06	3369	19.92				
4800	7245	2285	7.90	2494	9.73	2683	11.56	2849	13.40	3001	15.27	3145	17.18	3280	19.09	3410	21.02				

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

13 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 22.625 in.
Outlet Area = 0.93 sq. ft. inside
Tip Speed, fpm = 5.92 x RPM

Model 22 Maximum RPM 2954
Maximum Belt Drive Motor HP 40

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
1000	1081	1194	1.03	1463	1.68	1686	2.41	1883	3.23	2049	4.05	2221	5.04	2375	6.06	2497	6.95	2632	8.05	2783	9.40
1200	1297	1197	1.18	1460	1.86	1684	2.62	1878	3.45	2056	4.36	2221	5.34	2375	6.38	2504	7.37	2650	8.59	2797	9.95
1400	1513	1204	1.35	1466	2.09	1685	2.88	1880	3.74	2062	4.70	2221	5.68	2374	6.75	2510	7.81	2663	9.13	2778	10.23
1600	1729	1214	1.52	1469	2.33	1693	3.19	1885	4.09	2067	5.08	2222	6.07	2375	7.16	2514	8.28	2660	9.58	2773	10.68
1800	1945	1227	1.69	1478	2.58	1694	3.50	1892	4.48	2067	5.49	2224	7.63	2376	7.63	2519	8.81	2653	10.03	2775	11.24
2000	2161	1242	1.86	1487	2.83	1701	3.83	1893	4.86	2068	5.93	2227	7.01	2377	8.16	2523	9.39	2651	10.59	2780	11.90
2200	2377	1260	2.04	1502	3.09	1711	4.18	1898	5.27	2072	6.40	2231	7.55	2380	8.74	2528	10.04	2652	11.24	2788	12.65
2400	2594	1280	2.24	1515	3.34	1722	4.51	1907	5.69	2078	6.90	2236	8.12	2384	9.37	2529	10.70	2655	11.97	2788	13.38
2600	2810	1302	2.46	1533	3.61	1735	4.84	1918	6.11	2086	7.40	2243	8.70	2389	10.02	2531	11.38	2662	12.75	2786	14.14
2800	3026	1326	2.68	1553	3.90	1750	5.18	1931	6.53	2096	7.90	2251	9.29	2396	10.68	2535	12.10	2670	13.58	2789	14.98
3000	3242	1351	2.92	1573	4.21	1768	5.55	1946	6.96	2108	8.40	2261	9.88	2405	11.36	2541	12.84	2674	14.39	2795	15.88
3200	3458	1378	3.18	1595	4.53	1787	5.93	1962	7.40	2122	8.90	2273	10.46	2415	12.03	2549	13.60	2679	15.19	2804	16.82
3400	3674	1406	3.45	1618	4.86	1807	6.33	1980	7.85	2138	9.42	2287	11.05	2428	12.71	2560	14.35	2686	16.01	2811	17.73
3600	3890	1434	3.73	1643	5.22	1829	6.75	1998	8.33	2155	9.95	2303	11.66	2442	13.39	2573	15.12	2697	16.85	2817	18.61
3800	4106	1464	4.04	1669	5.59	1852	7.19	2018	8.82	2173	10.51	2319	12.26	2455	14.04	2586	15.87	2710	17.70	2827	19.51
4000	4323	1495	4.36	1696	5.98	1875	7.65	2039	9.34	2193	11.10	2335	12.88	2470	14.71	2598	16.59	2723	18.53	2841	20.45
4200	4539	1526	4.71	1724	6.39	1900	8.12	2062	9.89	2213	11.70	2353	13.53	2487	15.42	2613	17.36	2735	19.33	2854	21.36
4400	4755	1557	5.07	1753	6.82	1926	8.62	2086	10.45	2234	12.32	2373	14.22	2505	16.17	2631	18.16	2750	20.18	2866	22.24
4600	4971	1588	5.46	1783	7.28	1953	9.14	2110	11.04</td												

Wheel Diameter = 26.125 in.

Outlet Area = 1.23 sq. ft. inside

Tip Speed, fpm = 6.84 x RPM

Model 22 Maximum RPM 2559

Maximum Belt Drive Motor HP 50



Size

15 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
1200	974	1034	1.28	1265	2.12	1458	3.08	1621	4.08	1793	5.37	1914	6.43	2040	7.67	2185	9.28	2306	10.79	2388	11.91
1400	1136	1036	1.42	1264	2.28	1459	3.27	1624	4.33	1788	5.58	1916	6.73	2064	8.23	2179	9.55	2280	10.83	2391	12.36
1600	1299	1038	1.57	1265	2.47	1459	3.49	1627	4.59	1782	5.81	1924	7.11	2059	8.51	2170	9.82	2296	11.43	2425	13.27
1800	1461	1043	1.75	1268	2.70	1460	3.75	1630	4.89	1781	6.11	1936	7.55	2052	8.80	2183	10.35	2301	11.93	2399	13.34
2000	1623	1047	1.91	1272	2.94	1462	4.03	1632	5.21	1783	6.46	1927	7.83	2056	9.24	2185	10.80	2291	12.24	2409	13.97
2200	1786	1055	2.08	1277	3.20	1465	4.34	1636	5.58	1787	6.86	1925	8.22	2067	9.79	2178	11.17	2301	12.86	2411	14.51
2400	1948	1064	2.25	1281	3.44	1468	4.66	1639	5.97	1791	7.31	1928	8.68	2059	10.17	2183	11.74	2300	13.37	2404	14.98
2600	2110	1073	2.42	1287	3.69	1473	5.00	1641	6.36	1793	7.76	1933	9.21	2059	10.68	2188	12.34	2296	13.89	2417	15.76
2800	2273	1084	2.60	1294	3.94	1478	5.34	1644	6.76	1793	8.21	1935	9.73	2064	11.29	2183	12.86	2304	14.62	2409	16.28
3000	2435	1096	2.79	1303	4.19	1485	5.68	1648	7.17	1796	8.69	1935	10.25	2067	11.90	2186	13.53	2302	15.25	2411	17.01
3200	2597	1110	2.99	1313	4.45	1493	6.01	1653	7.59	1801	9.19	1938	10.82	2066	12.49	2192	14.26	2302	15.95	2416	17.84
3400	2760	1124	3.20	1325	4.72	1502	6.35	1660	8.01	1808	9.72	1944	11.43	2070	13.14	2190	14.90	2310	16.80	2413	18.55
3600	2922	1139	3.43	1337	5.00	1512	6.70	1668	8.43	1814	10.23	1949	12.02	2078	13.86	2194	15.64	2308	17.50	2419	19.46
4000	3247	1172	3.90	1364	5.61	1533	7.39	1687	9.28	1827	11.20	1960	13.17	2084	15.14	2202	17.12	2318	19.19	2422	21.16
4400	3571	1206	4.41	1393	6.26	1558	8.17	1707	10.15	1847	12.23	1976	14.33	2098	16.48	2216	18.67	2327	20.84	2430	22.97
4800	3896	1244	4.98	1425	6.96	1586	9.00	1732	11.10	1868	13.27	1996	15.54	2117	17.85	2230	20.15	2337	22.46	2442	24.81
5200	4221	1283	5.60	1459	7.72	1616	9.89	1759	12.11	1892	14.39	2016	16.74	2134	19.16	2246	21.61	2353	24.10	2457	26.65
5600	4545	1323	6.28	1495	8.52	1648	10.83	1788	13.19	1919	15.61	2040	18.04	2155	20.56	2265	23.14	2371	25.77	2474	28.49
6000	4870	1364	7.02	1533	9.39	1682	11.85	1819	14.34	1947	16.87	2066	19.44	2179	22.06	2288	24.74	2392	27.50	2493	30.35
6400	5195	1405	7.83	1572	10.33	1718	12.92	1853	15.66	1976	18.20	2095	20.92	2206	23.64	2312	26.43	2414	29.29	2514	32.25
6800	5519	1446	8.71	1612	11.35	1755	14.05	1887	16.82	2008	19.61	2125	22.47	2234	25.32	2338	28.22	2438	31.18	2536	34.23
7200	5844	1487	9.66	1653	12.44	1794	15.26	1922	18.15	2042	21.08	2156	24.08	2263	27.07	2366	30.09	2464	33.16		
7600	6169	1529	10.69	1693	13.61	1833	16.56	1960	19.58	2077	22.63	2189	25.77	2294	28.89	2395	32.04	2492	35.23		
8000	6493	1572	11.80	1734	14.86	1873	17.94	1998	21.09	2113	24.26	2223	27.54	2326	30.78	2425	34.06	2520	37.38		
8400	6818	1616	12.99	1775	16.19	1914	19.42	2037	22.69	2150	25.99	2258	29.37	2359	32.75	2457	36.17	2551	39.62		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 29.625 in.

Outlet Area = 1.59 sq. ft. inside

Tip Speed, fpm = 7.76 x RPM



Size

17 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
1600	1008	899	1.5	1099	2.4	1267	3.4	1412	4.5	1559	5.8	1670	7.0	1778	8.2	1902	9.9	2014	11.5	2084	12.6
1800	1134	901	1.7	1100	2.6	1273	3.7	1415	4.8	1550	6.0	1671	7.3	1802	8.9	1889	10.1	1986	11.5	2093	13.3
2000	1260	901	1.8	1101	2.8	1269	3.9	1424	5.2	1548	6.3	1680	7.8	1782	9.1	1899	10.7	2009	12.4	2087	13.7
2200	1386	902	2.0	1102	3.0	1266	4.1	1415	5.4	1558	6.8	1670	8.0	1798	9.7	1894	11.0	1991	12.6	2099	14.4
2400	1512	904	2.1	1101	3.2	1267	4.4	1414	5.7	1549	7.0	1679	8.5	1785	9.9	1896	11.6	2005	13.3	2088	14.8
2800	1764	911	2.5	1104	3.7	1272	5.0	1418	6.4	1554	7.9	1673	9.3	1787	10.9	1894	12.5	2002	14.3	2088	15.9
3200	2016	921	2.8	1110	4.2	1273	5.7	1420	7.2	1552	8.7	1672	10.2	1789	11.9	1893	13.6	2000	15.5	2088	17.2
3600	2268	935	3.1	1120	4.7	1281	6.4	1422	8.0	1553	9.6	1674	11.3	1792	13.1	1893	14.8	1999	16.7	2089	18.5
4000	2520	953	3.5	1130	5.2	1287	7.0	1430	8.8	1558	10.6	1679	12.4	1794	14.3	1895	16.1	1999	18.1	2090	20.0
4400	2772	972	3.9	1144	5.8	1298	7.7	1437	9.6	1566	11.6	1685	13.6	1796	15.6	1898	17.5	2000	19.6	2092	21.7
4800	3024	995	4.4	1160	6.3	1309	8.4	1445	10.5	1573	12.6	1691	14.8	1800	16.9	1902	19.0	2003	21.2	2096	23.4
5200	3276	1017	4.9	1180	6.9	1324	9.1	1457	11.3	1581	13.6	1697	15.9	1806	18.2	1907	20.5	2006	22.8	2100	25.2
5600	3528	1040	5.4	1201	7.6	1341	9.8	1471	12.2	1591	14.6	1706	17.1	1813	19.5	1914	22.0	2012	24.5	2106	27.0
6000	3780	1064	5.9	1223	8.3	1361	10.6	1487	13.1	1604	15.6	1716	18.2	1822	20.8	1922	23.5	2018	26.1	2113	28.8
6400	4032	1088	6.5	1246	9.0	1382	11.5	1505	14.1	1619	16.7	1729	19.4	1833	22.2	1932	25.0	2026	27.7	2118	30.6
6800	4284	1114	7.1	1269	9.8	1404	12.4	1525	15.1	1636	17.8	1743	20.6	1845	23.5	1943	26.5	2035	29.4	2126	32.4
7200	4536	1140	7.8	1292	10.6	1426	13.4	1546	16.2	1655	19.0	1760	21.9	1860	24.9	1955	28.0	2046	31.1	2135	34.2
7600	4788	1167	8.5	1316	11.4	1449	14.4	1568	17.3	1675	20.3	1778	23.3	1876	26.4	1970	29.6	2059	32.8	2146	36.0
8000	5040	1194	9.3	1341	12.3	1472															

Size

19 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 33.00 in.
Outlet Area = 1.97 sq. ft. inside
Tip Speed, fpm = 8.64 x RPM

Model 22 Maximum RPM 2026
Maximum Belt Drive Motor HP 75

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2000 1009	804	1.88	983	3.02	1134	4.29	1264	5.65	1395	7.29	1494	8.73	1591	10.31	1702	12.32	1802	14.37	1865	15.78
2500 1261	806	2.25	985	3.51	1135	4.88	1274	6.44	1385	7.92	1503	9.74	1595	11.33	1699	13.33	1798	15.46	1868	17.10
3000 1513	809	2.66	985	4.06	1133	5.52	1266	7.10	1386	8.79	1502	10.67	1597	12.42	1696	14.43	1795	16.63	1869	18.45
3500 1765	815	3.08	988	4.65	1138	6.31	1268	7.99	1391	9.82	1497	11.64	1599	13.61	1695	15.65	1792	17.92	1869	19.89
4000 2017	824	3.50	993	5.28	1139	7.08	1270	8.95	1389	10.86	1496	12.81	1601	14.93	1694	17.01	1790	19.34	1869	21.46
4500 2269	837	3.94	1002	5.93	1147	7.95	1273	9.94	1390	12.00	1498	14.12	1604	16.38	1694	18.52	1789	20.93	1869	23.17
5000 2522	853	4.41	1011	6.54	1151	8.76	1280	11.02	1394	13.24	1502	15.53	1605	17.90	1696	20.17	1789	22.67	1870	25.05
5500 2774	870	4.93	1024	7.20	1161	9.61	1286	12.05	1401	14.53	1508	16.99	1607	19.46	1698	21.91	1790	24.54	1872	27.07
6000 3026	890	5.50	1038	7.90	1172	10.45	1293	13.07	1407	15.76	1513	18.45	1610	21.09	1702	23.73	1792	26.50	1875	29.21
6500 3278	910	6.10	1056	8.67	1185	11.33	1304	14.13	1414	16.98	1519	19.88	1616	22.74	1707	25.59	1795	28.52	1879	31.44
7000 3530	931	6.75	1075	9.48	1200	12.28	1317	15.23	1424	18.23	1526	21.31	1622	24.40	1713	27.46	1800	30.57	1884	33.73
7500 3782	952	7.42	1094	10.35	1218	13.31	1331	16.37	1436	19.51	1536	22.76	1630	26.05	1720	29.33	1806	32.63	1891	36.06
8000 4034	974	8.14	1115	11.26	1237	14.40	1347	17.57	1449	20.85	1547	24.24	1640	27.71	1728	31.19	1813	34.68	1896	38.27
8500 4287	997	8.92	1136	12.21	1256	15.53	1364	18.86	1464	22.26	1560	25.78	1651	29.40	1738	33.06	1821	36.74	1902	40.48
9000 4539	1020	9.76	1157	13.21	1276	16.72	1383	20.22	1481	23.75	1574	27.40	1664	31.16	1750	34.97	1831	38.81	1910	42.70
9500 4791	1044	10.66	1178	14.27	1297	17.96	1403	21.65	1499	25.32	1591	29.11	1679	33.00	1763	36.96	1843	40.95	1920	44.97
10000 5043	1069	11.62	1200	15.38	1318	19.26	1423	23.15	1518	26.98	1609	30.93	1694	34.89	1776	38.97	1856	43.16	1931	47.32
10500 5295	1093	12.64	1223	16.56	1339	20.60	1443	24.66	1538	28.71	1627	32.79	1711	36.87	1791	41.06	1869	45.35	1945	49.77
11000 5547	1118	13.74	1247	17.82	1360	22.00	1463	26.24	1559	30.51	1646	34.71	1728	38.96	1807	43.27	1883	47.66	1958	52.16
11500 5799	1143	14.90	1271	19.15	1382	23.47	1484	27.88	1579	32.33	1666	36.73	1748	41.16	1825	45.62	1900	50.11	1972	54.68
12000 6052	1167	16.11	1295	20.56	1404	25.03	1505	29.60	1599	34.21	1686	38.84	1768	43.48	1845	48.10	1918	52.73	1889	57.38
12500 6304	1192	17.40	1319	22.04	1428	26.67	1527	31.41	1619	36.17	1707	41.01	1787	45.77	1863	50.53	1936	55.34	2007	60.23
13000 6556	1217	18.78	1344	23.59	1452	28.40	1549	33.27	1641	38.23	1726	43.18	1807	48.15	1883	53.11	1955	58.06	2024	63.04
13500 6808	1243	20.23	1368	25.24	1475	30.19	1572	35.21	1662	40.33	1747	45.46	1827	50.66	1903	55.84	1975	60.96		
14000 7060	1269	21.77	1393	26.95	1500	32.10	1595	37.27	1684	42.50	1768	47.86	1848	53.17	1923	58.50	1994	63.83		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

21 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 36.50 in.
Outlet Area = 2.41 sq. ft. inside
Tip Speed, fpm = 9.56 x RPM

Model 22 Maximum RPM 1831
Maximum Belt Drive Motor HP 100

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500 1032	728	2.34	888	3.72	1024	5.28	1146	7.01	1256	8.88	1357	10.87	1439	12.69	1532	14.98	1638	17.91	1697	19.70
3000 1238	729	2.71	891	4.23	1025	5.87	1149	7.73	1255	9.62	1356	11.71	1443	13.74	1543	16.33	1620	18.56	1687	20.65
3500 1445	730	3.11	890	4.75	1029	6.57	1151	8.50	1254	10.44	1355	12.62	1446	14.83	1544	17.48	1613	19.58	1690	22.07
4000 1651	735	3.53	893	5.36	1027	7.25	1147	9.27	1254	11.36	1354	13.62	1447	15.99	1536	18.48	1613	20.87	1698	23.75
4500 1858	741	3.96	896	5.97	1028	8.02	1147	10.16	1254	12.38	1354	14.73	1449	17.24	1532	19.69	1615	22.35		
5000 2064	748	4.37	900	6.60	1032	8.86	1149	11.13	1255	13.49	1354	15.95	1451	18.60	1532	21.08	1620	24.00	1692	26.65
5500 2270	757	4.81	907	7.24	1037	9.72	1152	12.15	1257	14.67	1356	17.26	1451	20.02	1533	22.63	1618	25.58	1691	28.32
6000 2477	768	5.28	913	7.85	1041	10.53	1156	13.20	1260	15.89	1358	18.63	1450	21.48	1535	24.32	1616	27.22	1693	30.25
6500 2683	782	5.80	922	8.50	1047	11.35	1161	14.26	1264	17.14	1360	20.05	1451	23.03	1539	26.11	1616	29.04	1699	32.39
7000 2890	795	6.34	932	9.19	1054	12.19	1166	15.30	1269	18.39	1364	21.50	1454	24.63	1540	27.88	1619	31.01	1696	34.30
7500 3096	810	6.92	944	9.92	1063	13.05	1173	16.35	1274	19.64	1369	22.97	1457	26.28	1542	29.65	1623	33.10	1696	36.38
8000 3303	825	7.53	957	10.69	1073	13.95	1181	17.40	1280	20.89	1374	24.43	1462	27.96	1545	31.49	1626	35.12	1700	38.63
8500 3509	841	8.17	971	11.50	1085	14.90	1190	18.48	1288	22.14	1381	25.90	1468	29.66	1549	33.37	1628	37.11	1706	41.02
9000 3715	856	8.84	986	12.36	1097	15.90	1200	19.60	1296	23.42	1388	27.39	1475	31.37	1555	35.29	1632	39.18	1707	43.18
9500 3922	872	9.55	1001	13.26	1111	16.96	1211	20.78	1306	24.76	1396	28.83	1480	32.96	1562	37.18	1638	41.31	1711	45.40
10000 4128	889	10.30	1016	14.20	1125	18.07	1224	22.02	1317	26.14	1404	30.31	1487	34.59	1567	38.95	1644	43.40	1717	47.74
10500 4335	906	11.09	1031	15.16	1140	19.23	1237	23.33	1328	27.54	1413	31.85	1496	36.29	1574	40.80	1650	45.37	1723	50.05
11000 4541	923	11.93	1047	16.15	1155	20.44	1252	24.72	1340	29.03	1425	33.49	1506	38.08	1583	42.74	1657	47.44	1728	52.19
11500 4747	941	12.83	1062	17.																

Wheel Diameter = 40.00 in.

Outlet Area = 2.90 sq. ft. inside

Tip Speed, fpm = 10.47 x RPM

Model 22 Maximum RPM 1640

Maximum Belt Drive Motor HP 125



Size

23 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP																	
3000	1037	659	3.06	805	4.99	930	7.15	1043	9.57	1142	12.05	1239	14.88	1313	17.29	1396	20.31	1492	24.13	1554	26.90
3500	1210	660	3.38	806	5.45	929	7.73	1041	10.25	1143	12.96	1231	15.65	1316	18.55	1413	22.29	1473	24.81	1537	27.76
4000	1383	663	3.73	808	5.95	929	8.32	1039	10.95	1143	13.86	1228	16.58	1321	19.94	1395	22.91	1467	26.04	1547	29.84
4500	1556	667	4.10	809	6.41	930	8.95	1039	11.67	1142	14.70	1228	17.59	1317	20.96	1391	24.04	1474	27.83	1545	31.33
5000	1729	673	4.52	812	6.94	933	9.61	1039	12.43	1139	15.50	1229	18.68	1311	21.91	1393	25.47	1469	29.08	1536	32.50
5500	1902	678	4.94	816	7.51	936	10.30	1040	13.23	1138	16.37	1232	19.82	1310	23.04	1395	26.86	1464	30.26	1540	34.34
6000	2074	685	5.41	822	8.12	940	11.04	1043	14.07	1139	17.31	1229	20.77	1312	24.33	1389	27.93	1466	31.84	1537	35.81
6500	2247	693	5.90	828	8.77	944	11.81	1046	14.97	1141	18.32	1229	21.84	1315	25.65	1389	29.28	1467	33.39	1533	37.20
7000	2420	701	6.40	834	9.45	949	12.62	1051	15.91	1145	19.40	1232	23.01	1314	26.80	1393	30.84	1463	34.69	1537	39.06
7500	2593	710	6.92	841	10.15	955	13.47	1056	16.91	1150	20.55	1236	24.29	1316	28.12	1393	32.21	1466	36.34	1536	40.62
8000	2766	720	7.46	849	10.88	961	14.36	1062	17.96	1155	21.74	1241	25.64	1320	29.60	1395	33.65	1470	38.08	1536	42.27
8500	2939	730	8.03	857	11.63	967	15.28	1068	19.06	1159	22.90	1244	26.90	1325	31.09	1399	35.31	1469	39.60	1541	44.32
9000	3112	741	8.62	866	12.41	975	16.23	1074	20.17	1164	24.14	1248	28.27	1327	32.52	1403	36.98	1474	41.42	1541	45.98
9500	3285	752	9.23	875	13.22	983	17.21	1081	21.30	1170	25.46	1254	29.75	1332	34.11	1406	38.58	1478	43.30	1544	47.93
10000	3457	764	9.87	885	14.03	991	18.23	1088	22.48	1178	26.85	1261	31.31	1340	35.86	1412	40.40	1481	45.07	1550	50.06
11000	3803	788	11.23	906	15.76	1010	20.38	1104	25.00	1191	29.64	1273	34.37	1349	39.18	1422	44.06	1492	49.09	1558	54.24
12000	4149	813	12.71	929	17.62	1030	22.57	1122	27.57	1208	32.67	1287	37.70	1363	42.82	1435	48.04	1504	53.42	1568	58.64
13000	4495	839	14.32	952	19.59	1052	24.96	1142	30.34	1225	35.71	1304	41.22	1378	46.72	1449	52.28	1516	57.78	1579	63.35
14000	4840	865	16.10	977	21.73	1074	27.42	1162	33.17	1244	38.95	1321	44.77	1394	50.65	1463	56.52	1529	62.38	1592	68.32
15000	5186	893	18.07	1002	23.98	1097	30.05	1184	36.17	1265	42.37	1340	48.51	1411	54.73	1479	60.97	1544	67.21	1607	73.51
16000	5532	920	20.26	1028	26.42	1122	32.86	1207	39.35	1360	52.43	1430	58.99	1497	65.60	1561	72.21	1622	78.88		
17000	5878	948	22.68	1054	29.06	1147	35.85	1231	42.70	1309	49.61	1382	56.51	1450	63.44	1516	70.40	1579	77.38	1639	84.42
18000	6223	977	25.35	1081	31.94	1173	39.02	1255	46.23	1332	53.48	1404	60.77	1471	68.06	1536	75.38	1598	82.73		
19000	6569	1006	28.25	1109	35.07	1199	42.40	1280	49.94	1356	57.55	1426	65.20	1493	72.86	1557	80.55	1618	88.26		
20000	6915	1036	31.40	1136	38.49	1225	46.01	1306	53.85	1380	61.83	1450	69.83	1516	77.85	1579	85.92	1638	93.99		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 45.125 in.

Outlet Area = 3.69 sq. ft. inside

Tip Speed, fpm = 11.81 x RPM



Size

26 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
4000	1082	582	4.0	714	6.6	824	9.4	927	12.6	1007	15.6	1098	19.5	1166	22.7	1231	26.2	1304	30.4	1386	35.7
4500	1218	584	4.3	713	7.0	822	9.9	922	13.2	1010	16.6	1090	20.1	1163	23.7	1248	28.4	1304	31.9	1360	35.6
5000	1353	587	4.7	714	7.5	822	10.5	918	13.8	1011	17.5	1087	21.0	1171	25.4	1232	28.8	1300	33.1	1376	38.3
5500	1488	589	5.1	715	7.9	822	11.1	918	14.5	1006	18.1	1093	22.3	1161	25.9	1236	30.4	1304	34.8	1361	38.8
6000	1623	592	5.4	716	8.5	824	11.8	921	15.4	1006	19.0	1086	23.0	1163	27.3	1233	31.5	1297	35.8	1369	41.0
6500	1759	596	5.9	719	9.0	827	12.5	921	16.1	1009	20.1	1085	24.0	1161	28.3	1230	32.7	1303	37.7	1359	41.9
7000	1894	600	6.3	722	9.6	827	13.1	920	16.9	1006	20.9	1089	25.2	1159	29.4	1233	34.2	1295	38.6	1363	43.9
7500	2029	604	6.8	725	10.2	829	13.8	922	17.7	1007	21.8	1085	26.1	1164	30.9	1228	35.2	1301	40.5	1358	45.0
8000	2164	609	7.2	729	10.8	832	14.6	926	18.6	1011	22.9	1087	27.3	1159	31.8	1233	36.9	1294	41.5	1360	46.9
9000	2435	621	8.2	738	12.1	841	16.2	930	20.4	1013	24.9	1090	29.5	1163	34.4	1232	39.5	1295	44.5	1359	50.0
10000	2706	634	9.3	748	13.6	847	17.9	938	22.5	1019	27.2	1095	32.1	1168	37.2	1234	42.4	1297	47.7	1360	53.4
11000	2976	648	10.4	759	15.1	858	19.8	945	24.6	1027	29.7	1102	34.8	1173	40.2	1238	45.5	1301	51.1	1362	57.0
12000	3247	663	11.6	772	16.6	868	21.7	954	26.9	1035	32.2	1109	37.7	1178	43.2	1243	48.8	1306	54.7	1367	60.8
13000	3517	679	12.9	786	18.3	879	23.8	965	29.3	1043	34.9	1117	40.6	1185	46.4	1250	52.4	1312	58.5	1372	64.8
14000	3788	696	14.3	800	20.0	893	25.9	976	31.8	1053	37.7	1125	43.7	1193	49.9	1257	56.1	1319	62.5	1379	69.1
15000	4058	713	15.7	816	21.9	906	28.1	988	34.4	1064	40.7	1135	47.0	1202	53.5	1266	60.0	1326	66.6	1386	73.6
16000	4329	731	17.3	832	23.8	921	30.4	1001	37.0	1076	43.7	1146	50.4	1212	57.2	1275	64.1	1335	71.0	1393	78.2
17000	4599	749	19.0	849	25.9	936	32.8	1015	39.8	1089	46.9	1157	54.0	1223	61.1	1285	68.3	1344	75.5	1401	82.9
18000	4870	768																			

Size

29 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 50.50 in.
Outlet Area = 4.62 sq. ft. inside
Tip Speed, fpm = 13.22 x RPM

Model 22 Maximum RPM 1324
Maximum Belt Drive Motor HP 200

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
6000	1305	524	5.7	639	9.0	738	12.9	824	16.9	903	21.2	979	26.0	1044	30.6	1105	35.3	1173	41.2	1230	46.6
7000	1522	528	6.4	642	10.1	737	14.0	823	18.3	903	22.9	976	27.8	1042	32.8	1105	37.9	1174	44.3	1222	49.0
8000	1740	534	7.2	644	11.1	740	15.4	824	19.9	904	24.8	974	29.7	1040	35.0	1104	40.5	1166	46.5	1218	51.8
9000	1957	540	8.1	650	12.3	743	16.7	828	21.6	905	26.7	974	31.8	1039	37.3	1104	43.2	1162	49.0	1217	55.0
10000	2175	547	9.0	654	13.5	746	18.2	830	23.3	906	28.6	975	34.0	1040	39.7	1105	46.0	1160	51.8	1219	58.4
11000	2392	555	10.1	660	14.8	752	19.8	833	25.1	908	30.6	977	36.3	1041	42.2	1106	48.8	1160	54.8	1221	61.9
12000	2610	564	11.1	667	16.2	758	21.6	838	27.0	912	32.8	980	38.8	1044	44.9	1106	51.5	1162	58.0	1219	64.9
13000	2827	574	12.2	675	17.7	764	23.3	843	29.1	916	35.2	984	41.4	1047	47.8	1108	54.5	1166	61.4	1219	68.2
14000	3045	584	13.3	683	19.2	771	25.2	849	31.3	922	37.6	989	44.1	1051	50.8	1111	57.6	1170	65.0	1221	71.9
15000	3262	595	14.5	693	20.8	778	27.2	856	33.6	928	40.2	995	47.0	1057	53.9	1115	61.0	1172	68.4	1225	75.9
16000	3480	607	15.8	703	22.5	787	29.2	863	36.0	934	42.9	1001	50.1	1062	57.3	1120	64.6	1175	72.1	1230	80.1
17000	3697	619	17.2	713	24.2	796	31.3	871	38.5	941	45.8	1007	53.2	1068	60.7	1126	68.3	1180	76.0	1233	84.0
18000	3915	631	18.6	724	26.0	806	33.5	880	41.0	949	48.7	1013	56.4	1074	64.2	1132	72.2	1186	80.2	1237	88.3
19000	4132	644	20.1	736	27.9	816	35.7	889	43.6	957	51.7	1020	59.7	1080	67.8	1137	76.0	1192	84.5	1243	92.9
20000	4350	656	21.7	747	29.8	827	38.0	899	46.3	966	54.7	1028	63.1	1087	71.5	1143	80.1	1197	88.8	1250	97.8
21000	4567	670	23.3	759	31.9	838	40.4	909	49.1	975	57.8	1036	66.6	1095	75.5	1151	84.4	1204	93.3	1255	102.4
22000	4784	683	25.1	771	34.0	849	43.0	920	52.0	984	61.1	1046	70.3	1104	79.6	1159	88.8	1211	98.1	1261	107.3
23000	5002	696	27.0	784	36.2	861	45.6	930	55.0	994	64.4	1055	74.0	1112	83.5	1166	93.1	1219	102.8	1269	112.6
24000	5219	710	29.0	796	38.5	872	48.2	941	58.0	1005	67.9	1064	77.7	1121	87.6	1174	97.6	1226	107.6	1276	117.7
25000	5437	724	31.2	809	40.9	884	51.0	952	61.1	1015	71.4	1074	81.6	1130	92.0	1184	102.3	1234	112.7	1283	123.0
26000	5654	738	33.5	823	43.5	897	53.9	964	64.4	1026	75.0	1085	85.7	1140	96.3	1193	107.0	1243	117.8	1292	128.7
27000	5872	752	36.0	836	46.1	909	56.9	976	67.8	1038	78.8	1095	89.7	1150	100.7	1202	111.8	1252	122.9	1300	134.1
28000	6089	766	38.6	849	49.0	922	60.0	988	71.2	1049	82.6	1106	93.9	1161	105.4	1212	116.9	1262	128.3	1309	139.7
29000	6307	780	41.4	863	52.0	935	63.3	1000	74.9	1061	86.5	1118	98.4	1171	110.1	1222	121.8	1271	133.7	1319	145.7
30000	6524	795	44.3	876	55.1	948	66.7	1013	78.6	1073	90.7	1129	102.7	1182	114.8	1233	127.0	1281	139.2		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

33 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 57.50 in.
Outlet Area = 5.99 sq. ft. inside
Tip Speed, fpm = 15.05 x RPM

Model 22 Maximum RPM 1163
Maximum Belt Drive Motor HP 250

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
6000	1008	460	6.2	562	10.2	649	14.6	725	19.3	800	24.8	859	29.9	915	35.2	979	42.0	1039	49.1	1076	53.8
7000	1176	459	6.8	561	11.0	648	15.7	724	20.7	801	26.7	857	31.7	921	38.2	978	44.6	1023	50.1	1072	56.6
8000	1344	462	7.5	562	12.0	647	16.8	723	22.1	796	28.0	857	33.7	922	40.6	971	46.3	1025	53.3	1087	61.9
9000	1512	464	8.2	564	13.0	648	18.0	723	23.6	793	29.5	858	36.0	915	42.2	971	49.0	1030	56.9	1073	63.1
10000	1679	467	9.0	566	14.0	649	19.3	724	25.1	792	31.2	859	38.1	914	44.4	976	52.3	1022	58.6	1072	
11000	1847	472	9.9	568	15.1	651	20.7	725	26.7	792	33.0	856	39.8	915	46.9	969	54.0	1021	61.6	1076	70.1
12000	2015	476	10.8	571	16.3	653	22.1	727	28.4	793	35.0	855	41.8	916	49.4	968	56.5	1025	65.0	1069	72.2
13000	2183	481	11.8	575	17.5	656	23.6	729	30.2	796	37.1	856	44.1	914	51.5	970	59.6	1020	67.2	1070	75.6
14000	2351	486	12.8	579	18.8	659	25.2	732	32.1	798	39.2	859	46.6	915	54.0	970	62.2	1020	70.3	1071	79.0
15000	2519	492	13.8	584	20.2	663	26.9	735	34.0	800	41.3	861	49.0	918	56.9	970	64.8	1023	73.8	1069	81.9
16000	2687	499	14.9	589	21.7	667	28.7	738	36.0	802	43.5	862	51.4	919	59.6	972	68.0	1022	76.5	1072	85.8
17000	2855	506	16.0	594	23.2	672	30.5	742	38.1	806	45.9	865	54.0	921	62.3	974	71.1	1024	79.9	1072	89.1
18000	3023	513	17.1	600	24.7	677	32.4	746	40.3	810	48.4	869	56.8	924	65.4	976	74.2	1027	83.6	1073	92.6
19000	3191	520	18.3	606	26.3	682	34.4	750	42.6	814	51.0	872	59.6	928	68.6	979	77.7	1028	86.8	1077	96.9
20000	3359	528	19.6	613	27.9	688	36.4	756	45.0	818	53.6	876	62.5	930	71.6	982	81.1	1031	90.8	1077	100.4
22000	3695	544	22.2	627	31.3	699	40.5	766	49.8	827	59.2	885	68.8	939	78.6	990	88.5	1037	98.4	1083	108.7
24000	4031	560	25.1	642	34.9	713	44.9	778	55.0	837	65.0	894	75.2	947	85.6	997	96.0	1044	106.6	1091	117.7
26000	4367	578	28.2	657	38.8	727	49.5	790	60.3	849	71.2	904	82.0	956	93.0	1005	104.1	1053	115.4	1099	127.1
28000	4703	596	31.6	674	42.9	742	54.4	804	65.9	862	77.5	916	89.2	967	100.9	1015	112.7	1062	124.7	1107	136.7
30000	5038	614	35.4	691	47.3	758	59.6	819	71.9	875	84.1	929	96.7	979	109.1</						

Wheel Diameter = 64.375 in.

Outlet Area = 7.49 sq. ft. inside

Tip Speed, fpm = 16.85 x RPM

Model 22 Maximum RPM 1038

Maximum Belt Drive Motor HP 300



Size

37 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
8000	1069	409	8.0	501	13.2	579	18.8	652	25.4	708	31.4	775	39.6	818	45.6	865	52.8	919	61.7	975	72.1
9000	1202	410	8.7	501	14.0	578	19.9	647	26.4	711	33.5	765	40.3	818	48.0	877	57.3	915	63.9	956	71.6
10000	1336	412	9.4	501	15.0	577	21.1	645	27.7	709	35.1	765	42.4	821	50.7	865	58.0	915	66.9	970	77.7
11000	1470	414	10.2	502	15.9	578	22.4	646	29.3	706	36.5	767	44.8	816	52.2	870	61.5	915	69.8	956	78.1
12000	1603	416	10.9	503	16.9	580	23.7	648	31.0	708	38.4	763	46.2	819	55.2	865	63.2	912	72.2	965	83.3
13000	1737	418	11.7	505	18.0	580	25.0	646	32.3	708	40.3	764	48.4	815	56.9	866	66.0	914	75.5	955	84.3
14000	1870	421	12.6	507	19.2	581	26.3	646	33.8	707	41.9	764	50.6	815	59.2	865	68.6	910	77.7	960	88.8
16000	2138	428	14.5	512	21.6	584	29.2	650	37.4	710	46.0	765	54.9	815	63.9	866	74.0	909	83.4	958	94.7
18000	2405	435	16.5	518	24.3	590	32.4	653	41.0	712	50.0	766	59.3	816	69.0	867	79.6	910	89.4	956	100.9
20000	2672	444	18.6	525	27.1	595	35.9	658	45.0	769	54.4	819	74.6	867	85.3	911	95.8	957	107.6		
22000	2939	454	20.8	533	30.1	601	39.5	664	49.3	721	59.3	773	69.6	823	80.5	870	91.4	913	102.5	958	114.7
24000	3206	464	23.2	541	33.2	609	43.4	670	53.7	727	64.5	779	75.4	828	86.7	873	98.0	917	109.6	961	122.3
26000	3474	475	25.7	551	36.5	617	47.4	677	58.5	732	69.8	784	81.4	833	93.1	878	104.9	921	117.1	964	130.2
28000	3741	487	28.4	561	40.0	625	51.6	684	63.5	739	75.4	790	87.6	838	99.9	883	112.3	926	125.0	968	138.4
30000	4008	499	31.3	571	43.6	635	56.1	693	68.7	746	81.2	797	94.1	844	107.0	889	120.1	931	133.3	972	147.1
32000	4275	511	34.4	582	47.4	645	60.7	702	74.0	754	87.3	804	100.8	851	114.5	895	128.2	937	142.0	977	156.2
34000	4542	524	37.7	594	51.4	656	65.4	711	79.5	763	93.5	812	107.8	858	122.2	902	136.6	943	151.0	983	165.7
36000	4810	536	41.2	606	55.7	666	70.4	722	85.2	772	100.0	820	115.1	866	130.2	909	145.4	950	160.4	989	175.6
38000	5077	549	45.1	618	60.2	678	75.6	732	91.2	782	106.7	829	122.5	874	138.4	917	154.3	957	170.2	996	186.0
40000	5344	563	49.3	630	64.9	689	81.1	743	97.4	792	113.7	839	130.3	883	146.7	925	163.3	965	180.1	1004	196.7
42000	5611	576	53.8	643	69.9	701	86.8	754	103.9	803	120.9	849	138.2	892	155.3	933	172.6	973	190.0	1011	207.7
44000	5878	590	58.7	655	75.2	713	92.8	765	110.5	814	128.4	859	146.3	902	164.2	942	182.2	981	200.3	1019	218.5
46000	6146	603	64.0	668	80.9	725	99.0	777	117.5	825	136.2	869	154.7	912	173.4	952	192.2	991	211.0	1028	229.8
48000	6413	617	69.7	681	87.0	738	105.6	789	124.7	836	144.1	880	163.5	922	183.1	962	202.7	1000	222.2	1037	241.6
50000	6680	631	75.6	695	93.6	750	112.6	801	132.4	847	152.3	892	172.6	933	192.8	972	212.9	1010	233.2		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 71.25 in.

Outlet Area = 9.20 sq. ft. inside

Tip Speed, fpm = 18.65 x RPM



Size

41 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
8000	870	369	8.8	453	14.6	522	21.0	587	28.4	639	35.3	700	44.9	741	52.2	778	59.4	819	68.1	864	78.6
10000	1088	369	10.0	453	16.4	523	23.4	587	31.4	639	38.8	696	48.3	740	56.7	781	65.2	826	75.6	877	88.5
12000	1306	371	11.3	452	18.1	522	25.7	583	33.7	639	42.3	692	51.9	739	61.1	781	70.6	830	82.3	870	93.2
14000	1523	374	12.8	454	20.2	521	28.0	582	36.6	639	45.9	690	55.6	737	65.5	781	75.8	831	88.6	864	97.9
16000	1741	378	14.4	455	22.2	524	30.7	583	39.7	639	49.6	689	59.5	736	69.9	781	81.0	825	92.9	862	103.6
18000	1958	382	16.2	459	24.6	525	33.4	585	43.1	640	53.3	689	63.6	735	74.5	781	86.4	822	98.0	861	109.9
20000	2176	387	18.1	463	27.0	528	36.4	587	46.5	641	57.1	689	67.9	735	79.4	781	91.9	821	103.5	862	116.7
22000	2394	393	20.1	467	29.7	532	39.6	589	50.1	642	61.2	691	72.6	736	84.4	782	97.5	821	109.5	864	123.8
24000	2611	399	22.2	472	32.5	536	43.2	593	54.0	645	65.6	693	77.5	738	89.8	782	103.0	822	115.9	862	129.8
26000	2829	406	24.4	477	35.4	540	46.7	596	58.2	648	70.3	696	82.7	741	95.5	783	108.9	824	122.8	862	136.4
28000	3046	413	26.7	484	38.4	545	50.4	601	62.6	652	75.2	700	88.3	744	101.5	786	115.2	827	130.0	864	143.7
30000	3264	421	29.1	490	41.7	551	54.3	606	67.2	656	80.4	704	94.0	747	107.9	789	121.9	829	136.8	866	151.7
32000	3482	429	31.7	497	45.0	557	58.4	611	72.0	661	85.9	708	100.1	751	114.5	792	129.1	831	144.1	870	160.2
34000	3699	438	34.3	505	48.4	563	62.6	616	76.9	666	91.5	712	106.4	756	121.5	796	136.7	835	152.0	872	168.0
36000	3917	446	37.2	512	52.0	570	66.9	622	82.0	671	97.4	717	112.8	760	128.3	801	144.4	839	160.4	875	176.6
38000	4135	455	40.2	520	55.8	577	71.4	629	87.2	677	103.4	722	119.3	764	135.6	804	152.1	843	169.1	879	185.8
40000	4352	464	43.3	529	59.7	585	76.1	636	92.6	683	109.4	727	126.2	769	143.1	809	160.2	847	177.6	884	195.6
42000	4570	474	46.7	537	63.7	593	80.9	643	98.2	689	115.7	733	133.2	775	151.0	814	168.7	851	186.6	888	204.8
44000	4787	483	50.2	546	67.9	601	85.9	650	104.1	696	122.1	740	140.6	781	159.1	820	177.7	857	196.1	892	214.6
46000	5005	493	54.0	554	72.3	609	91.1	658	110.0	703	128.9	746	148.0	786	167						

Size

45 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 78.25 in.
Outlet Area = 11.08 sq. ft. inside
Tip Speed, fpm = 20.49 x RPM

Model 22 Maximum RPM 854
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12000 1084	336	12.0	413	19.7	476	28.1	536	37.8	582	46.7	634	58.3	674	68.1	711	78.4	753	91.0	801	106.8
14000 1264	338	13.3	412	21.5	477	30.6	534	40.4	581	50.1	633	62.2	671	72.1	714	84.6	759	99.0	789	109.2
16000 1445	340	14.8	412	23.3	476	32.9	532	43.1	581	53.6	629	65.3	671	76.7	718	91.2	751	102.0	786	114.8
18000 1626	342	16.3	414	25.4	476	35.3	532	46.0	581	57.1	627	69.0	672	81.7	712	94.5	749	107.3	791	122.9
20000 1806	345	18.0	417	27.6	477	37.9	532	49.1	581	60.7	627	72.9	673	86.9	710	99.1	751	114.0	787	127.9
22000 1987	349	19.8	419	29.9	479	40.7	533	52.4	582	64.6	627	77.1	671	90.8	710	104.5	750	119.4	784	133.3
24000 2168	352	21.7	421	32.4	481	43.7	535	55.9	584	68.7	628	81.7	670	95.3	712	110.6	748	124.4	786	140.4
26000 2348	357	23.7	425	35.0	483	46.9	537	59.6	585	72.8	630	86.6	671	100.4	711	115.5	748	130.6	785	146.8
28000 2529	361	25.8	428	37.8	486	50.2	540	63.5	587	77.0	632	91.4	673	106.0	711	120.9	751	137.7	784	152.7
30000 2710	366	27.9	432	40.7	490	53.8	542	67.5	589	81.5	633	96.2	675	111.7	713	127.1	750	143.2	785	160.0
32000 2890	372	30.1	437	43.7	493	57.4	545	71.7	591	86.3	635	101.4	676	117.1	716	133.9	751	149.8	787	167.4
34000 3071	377	32.4	441	46.8	497	61.2	548	76.1	594	91.3	638	107.0	678	123.1	716	139.8	754	157.3	787	174.2
36000 3252	383	34.9	446	49.9	501	65.2	551	80.7	598	96.6	641	113.0	681	129.5	718	146.4	755	164.2	790	182.3
38000 3432	389	37.4	451	53.2	506	69.2	555	85.4	602	102.1	644	118.9	684	136.2	722	153.8	757	171.5	791	190.3
40000 3613	396	40.1	457	56.6	511	73.4	560	90.3	605	107.5	647	124.9	686	142.6	724	160.9	760	179.8	793	198.1
42000 3793	402	42.8	463	60.1	516	77.8	564	95.5	609	113.1	650	131.2	690	149.6	727	168.2	762	187.4	797	207.3
44000 3974	409	45.7	469	63.8	521	82.1	569	100.5	613	119.0	655	138.0	694	157.2	730	176.3	765	195.6	799	215.7
46000 4155	416	48.8	475	67.6	526	86.5	574	105.7	618	125.2	658	144.6	697	164.2	733	184.2	769	204.8	801	224.7
48000 4335	422	51.9	481	71.5	532	91.2	579	111.1	622	131.2	662	151.3	700	171.7	737	192.2	771	213.0	805	234.5
50000 4516	429	55.2	487	75.5	538	96.1	584	116.8	627	137.4	667	158.5	705	179.8	741	201.0	775	222.2	808	243.6
54000 4877	444	62.4	500	84.0	550	106.0	595	128.1	637	150.5	676	172.8	713	195.4	749	218.0	782	240.7	815	263.7
58000 5239	458	70.4	514	93.2	563	116.7	607	140.3	648	164.3	686	188.0	723	211.9	757	236.0	790	260.2	823	284.7
62000 5600	473	79.3	528	103.1	576	128.1	620	153.2	660	178.4	698	203.9	733	229.2	767	254.7	800	280.4	831	306.4
66000 5961	488	89.2	542	113.9	589	140.0	632	166.7	672	193.3	709	220.5	744	247.2	777	274.1	809	301.3	841	328.8
70000 6322	504	100.1	557	125.7	603	152.9	645	180.9	684	209.0	721	237.6	755	265.9	788	294.3	820	322.9	850	351.9

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Size

49 SISW**Design 6650 AH Industrial Centrifugal Fans**

Wheel Diameter = 85.25 in.
Outlet Area = 13.17 sq. ft. inside
Tip Speed, fpm = 22.32 x RPM

Model 22 Maximum RPM 784
Maximum Belt Drive Motor HP 350

Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
CFM FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000 1066	309	14.1	378	23.1	437	33.0	492	44.5	535	55.0	585	69.5	618	79.8	654	92.5	694	108.3	736	126.1
16000 1219	310	15.4	379	24.9	436	35.2	489	46.8	536	58.9	578	71.4	617	84.3	662	100.9	692	113.3	722	126.4
18000 1371	311	16.8	379	26.8	436	37.6	488	49.4	538	62.9	576	74.9	622	90.6	654	103.3	689	117.9	728	135.6
20000 1524	313	18.3	380	28.8	436	40.0	487	52.2	534	65.5	577	79.4	617	93.6	654	108.3	695	126.5	723	139.9
22000 1676	315	19.9	381	30.8	437	42.5	487	55.3	533	68.7	578	83.8	615	97.8	657	115.0	688	129.1	722	146.0
24000 1828	317	21.6	383	33.0	438	45.3	488	58.5	534	72.4	576	87.1	617	103.3	652	118.3	689	135.4	724	153.2
26000 1981	320	23.4	384	35.4	439	48.1	490	62.0	535	76.5	576	91.3	616	107.4	653	123.8	689	141.2	720	157.8
28000 2133	323	25.3	387	37.9	441	51.2	491	65.5	536	80.4	578	96.2	615	111.9	654	129.6	687	146.1	723	166.0
30000 2285	326	27.2	389	40.5	444	54.4	492	68.9	536	84.2	578	100.5	617	117.5	652	134.2	689	153.4	720	170.5
32000 2438	329	29.3	392	43.2	446	57.7	493	72.7	537	88.5	578	105.0	617	122.4	654	140.4	687	158.3	721	177.7
34000 2590	333	31.4	395	46.0	448	61.1	496	76.7	540	93.2	580	110.2	618	127.5	654	146.0	688	164.8	721	184.2
36000 2742	337	33.5	398	48.9	450	64.6	498	80.9	542	97.8	582	115.4	620	133.7	654	151.8	689	171.5	721	190.9
38000 2895	341	35.8	401	51.9	453	68.2	500	85.2	543	102.4	583	120.4	621	139.1	657	158.9	689	177.8	723	198.7
40000 3047	346	38.1	405	54.9	456	72.0	503	89.5	546	107.5	585	126.1	622	145.0	657	164.6	692	185.7	723	205.3
42000 3199	351	40.5	408	58.1	460	76.0	506	94.1	549	112.9	588	131.9	625	151.7	659	171.5	692	191.9	726	214.2
46000 3504	360	45.6	417	64.7	466	84.0	512	103.6	553	123.4	592	143.8	629	164.4	663	185.4	696	207.0	728	229.8
50000 3809	370	51.1	425	74.7	474	92.6	518	113.6	559	134.7	597	156.2	633	178.1	667	200.3	700	223.2	732	246.5
54000 4113	380	57.0	435	79.1	482	101.4	526	123.9	566	146.8	603	169.5	639	192.6	673	216.0	705	240.1	736	264.2
58000 4418	391	63.3	444	86.9	491	110.7	534	134.7	573	159.1	610	183.4	645	207.8	678	232.6	710	257.9	740	283.0
62000 4723	402	70.2	454	95.2	501	120.6	542	146.1	581	171.8	617	197.8	652	223.6	684	249.7	716	276.4	746	302.6
66000 5028	413	77.8	465	104.0	510	131.0	551	158.1</td												

Wheel Diameter = 93.75 in.

Outlet Area = 15.90 sq. ft. inside

Tip Speed, fpm = 24.54 x RPM

Model 22 Maximum RPM 713

Maximum Belt Drive Motor HP 350



Size

54 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	CFM FPM	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20000	1254	282	19.1	344	30.8	397	43.7	445	58.2	485	71.9	527	88.9	559	103.4	596	121.8	632	141.3	656	156.3
22000	1380	282	20.5	344	32.8	396	45.8	443	60.3	487	76.4	523	91.3	563	110.0	594	126.1	625	143.4	659	164.5
24000	1505	284	22.0	345	34.6	396	48.2	442	63.0	484	78.9	525	96.3	559	112.7	594	131.2	629	151.8	655	168.5
28000	1756	287	25.2	346	38.7	398	53.8	443	69.4	486	86.7	523	103.5	559	122.1	592	140.9	627	162.5	654	180.7
32000	2007	291	28.8	349	43.4	399	59.0	444	75.8	485	93.5	522	111.7	559	131.8	592	151.1	626	173.4	653	192.9
36000	2258	295	32.7	353	48.6	402	65.4	446	82.8	486	101.3	524	120.8	560	142.0	592	161.8	625	184.8	653	205.6
40000	2509	301	36.8	356	53.9	405	71.8	449	90.7	489	110.1	526	130.6	561	152.1	592	173.1	625	196.8	653	218.8
44000	2760	306	41.0	361	59.8	409	78.9	452	98.8	492	119.6	528	141.0	562	162.9	594	185.2	626	209.5	654	232.7
48000	3011	313	45.7	366	65.8	413	86.5	456	107.4	495	129.3	531	151.8	565	174.6	596	197.9	627	222.9	656	247.4
52000	3262	320	50.4	372	72.2	418	94.2	460	116.5	498	139.4	534	163.0	567	187.0	599	211.4	629	237.1	658	263.0
56000	3512	327	55.6	378	78.8	423	102.3	464	126.2	502	150.2	538	175.0	571	200.1	602	225.6	632	252.0	661	279.5
60000	3763	334	61.0	385	85.7	429	110.8	470	136.2	507	161.5	542	187.6	574	213.9	605	240.5	635	267.8	664	296.7
64000	4014	342	66.8	392	93.0	435	119.7	475	146.6	511	173.3	546	200.6	578	228.3	609	256.1	638	284.4	666	313.8
68000	4265	350	72.9	399	100.7	442	128.9	481	157.2	517	185.4	551	214.2	583	243.3	613	272.4	642	301.7	669	331.8
72000	4516	358	79.5	406	108.7	449	138.4	487	168.2	522	197.9	556	228.3	588	258.9	617	289.4	646	319.9	673	350.8
76000	4767	366	86.5	414	117.1	456	148.3	493	179.7	528	210.8	561	242.8	592	274.6	622	306.7	650	338.9	677	370.7
80000	5018	374	94.1	421	126.0	463	158.7	500	191.4	534	224.2	567	257.6	597	290.6	627	324.1	655	357.9	682	391.6
84000	5269	383	102.3	429	135.3	470	169.4	507	203.6	541	238.1	573	272.6	603	307.2	632	342.0	659	377.1	686	412.7
88000	5520	392	111.2	437	145.1	477	180.6	514	216.3	548	252.5	579	288.2	609	324.3	637	360.7	664	397.1	691	433.7
92000	5770	400	120.8	445	155.6	485	192.3	521	229.4	554	267.0	586	304.4	615	342.2	643	380.1	670	417.9	696	455.6
96000	6021	409	131.0	454	166.7	493	204.6	529	243.2	561	282.0	592	321.3	622	360.6	649	399.8	676	439.4	702	478.7
100000	6272	418	141.9	462	178.4	501	217.5	536	257.7	569	297.8	599	338.6	628	378.9	655	419.5	682	460.4	707	501.6
105000	6586	429	156.5	473	194.2	511	234.6	546	276.4	578	318.3	608	360.7	636	402.9	664	445.4	689	488.0		
110000	6899	441	172.3	483	211.3	521	252.7	556	295.8	587	339.8	617	383.7	645	427.9	672	472.3	698	516.7		
115000	7213	452	189.0	494	229.7	532	271.9	566	316.4	597	362.2	626	407.7	654	453.9	681	500.3	706	546.6		

Power rating (BHP) does not include drive losses.

Performance ratings do not include the effects of appurtenances in the airstream.

Performance shown is for installation type B - Free inlet, Ducted outlet.

Wheel Diameter = 104.25 in.

Outlet Area = 19.65 sq. ft. inside

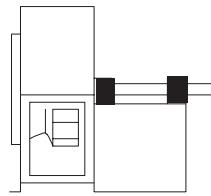
Tip Speed, fpm = 27.29 x RPM



Size

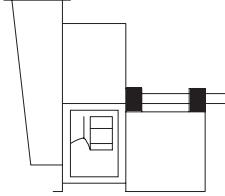
60 SISW**Design 6650 AH Industrial Centrifugal Fans**

Volume O.Vel	CFM FPM	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20000	1016	253	20.7	309	33.7	357	48.3	399	64.1	439	82.0	473	99.4	503	116.6	537	138.5	573	163.8	593	179.3
25000	1270	253	23.8	309	38.2	358	54.6	400	71.8	436	89.3	475	111.0	504	128.5	535	150.4	570	176.8	592	194.8
30000	1524	255	27.4	310	43.2	356	60.0	398	78.3	436	98.3	472	119.0	504	140.3	534	162.4	568	189.8	591	209.8
35000	1778	258	31.5	312	48.4	358	66.7	399	86.7	437	107.4	470	128.5	504	152.3	533	174.8	565	202.6	589	224.8
40000	2032	262	36.0	314	54.2	359	116.2	400	94.4	436	116.2	470	139.1	504	164.6	532	187.7	564	215.9	588	240.0
45000	2286	266	40.9	318	60.7	362	81.5	402	103.4	438	126.4	472	150.7	504	176.2	532	201.2	563	230.1	588	255.7
50000	2540	271	46.1	321	67.5	365	89.7	405	113.3	440	137.6	474	163.2	504	188.9	533	215.6	563	245.2	588	272.2
55000	2794	277	51.4	326	74.8	369	98.9	407	123.3	443	149.2	476	175.7	506	202.7	535	230.8	564	261.4	589	289.6
60000	3048	283	57.2	330	82.4	373	108.0	411	134.2	446	161.2	478	189.1	508	217.5	537	246.9	565	278.5	590	308.0
65000	3302	289	63.3	336	90.5	377	117.9	415	145.9	449	174.2	481	203.4	511	233.2	539	263.8	567	296.3	592	327.4
70000	3556	295	69.8	341	98.7	382	128.2	419	158.1	453	187.8	484	218.5	514	249.7	542	281.7	569	315.0	594	348.0
75000	3810	302	76.6	347	107.5	387	138.9	423	170.5	457	202.1	488	234.3	517	267.1	545	300.4	572	334.7	597	369.7
80000	4064	309	83.9	354	116.7	393	149.9	428	183.3	461	216.9	492	250.8	521	285.2	549	320.0	575	355.5	601	392.5
85000	4318	316	91.7	360	126.4	399	161.4	434	196.7	466	232.2	496	267.9	525	304.0	552	340.4	578	377.1	603	415.2
90000	4572	324	100.1	367	136.6	405	173.4	439	210.5	471	247.9	501	285.5	529	323.5	556	361.5	582	399.8	607	438.8
95000	4826	331	109.0	374	147.3	411	185.9	445	225.0	477	264.1	506	303.7	534	343.7	561	383.5	586	423.3	610	463.5
100000	5080	339	118.7	381	158.5	418	199.0	451	240.0	482	280.9	512	322.5	539	364.4	565	406.2	590	447.8	614	489.4
105000	5335	347	129.1	388	170.2	425	212.7	458	255.6	488	298.3	517	342.0	544	385.0	570	428.5	595	472.6	619	516.4
110000	5589	355	140.4	396	182.7																

SW - Single Width
SI - Single InletDW - Double Width
DI - Double Inlet

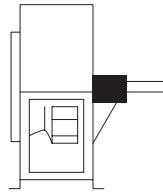
1 SWSI

For belt drive or direct connection. Impeller overhung. Two bearings on base.



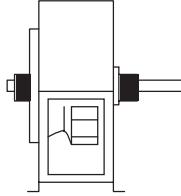
1 SWSI c/w BOX

For belt drive or direct connection. Impeller overhung. Two bearings on base. Inlet box may be self-supporting.



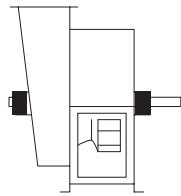
2 SWSI

For belt drive or direct connection. Impeller overhung. Bearings in bracket supported by fan housing.



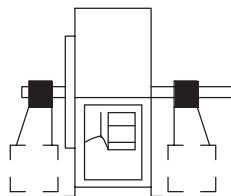
3 SWSI

For belt drive or direct connection. One bearing on each side and supported by fan housing.



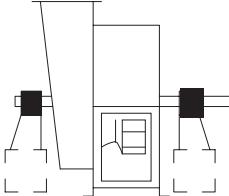
3 SWSI c/w BOX

For belt drive or direct connection. One bearing on each side and supported by fan housing and inlet box. Shaft extending through inlet box.



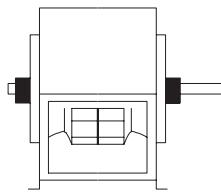
3 SWSI c/w IND. PED.

For belt drive or direct connection. Housing is self-supporting. One bearing on each side supported by independent pedestals.



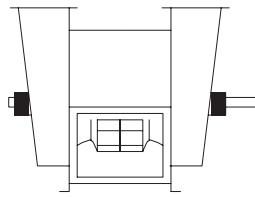
3 SWSI c/w BOX & IND. PED.

For belt drive or direct connection. Housing is self-supporting. One bearing on each side and supported by independent pedestals with shaft extending through inlet box.



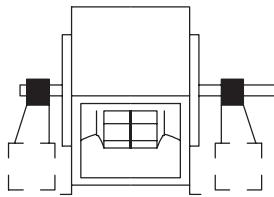
3 DWDI

For belt drive or direct connection. One bearing on each side and supported by fan housing.



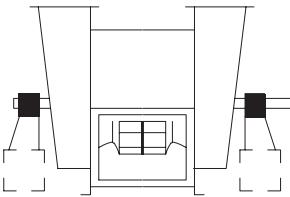
3 DWDI c/w BOXES

For belt drive or direct connection. One bearing on each side and supported by inlet boxes. Shaft extending through inlet boxes.



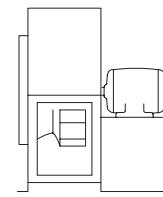
3 DWDI c/w IND. PED.

For belt drive or direct connection. Housing is self-supporting. One bearing on each side and supported by independent pedestals.



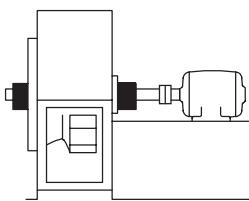
3 DWDI c/w BOXES & IND. PED

For belt drive or direct connection. Housing is self-supporting. One bearing on each side supported by independent pedestals with shaft extending through inlet box.



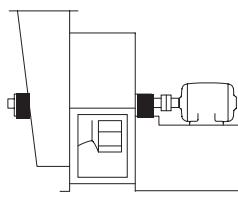
4 SWSI

For direct drive. Impeller overhung on prime mover shaft. No bearings on fan. Prime mover base mounted or integrally connected.



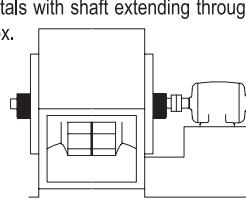
7 SWSI

For belt drive or direct connection. Arrangement 3 plus base for prime mover.



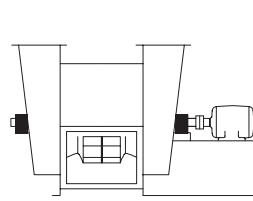
7 SWSI c/w BOX

For belt drive or direct connection. Arrangement 3 plus base for prime mover. Shaft extending through inlet box.



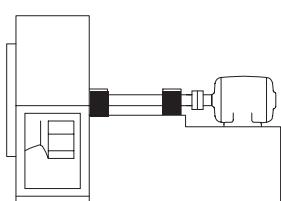
7 DWDI

For belt drive or direct connection. Arrangement 3 plus base for prime mover.



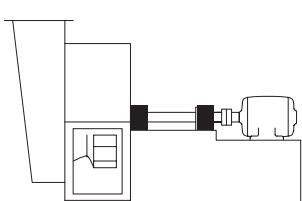
7 DWDI c/w BOXES

For belt drive or direct connection. Arrangement 3 plus base for prime mover. Shaft extending through inlet box.



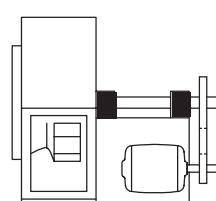
8 SWSI

For belt drive or direct connection. Arrangement 1 plus extended base for prime mover.



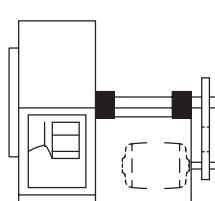
8 SWSI c/w BOX

For belt drive or direct connection. Arrangement 1 plus extended base for prime mover.



9 SWSI

For belt drive. Impeller overhung, two bearings, with prime mover outside base.



10 SWSI

For belt drive. Impeller overhung, two bearings, with prime mover inside base.

