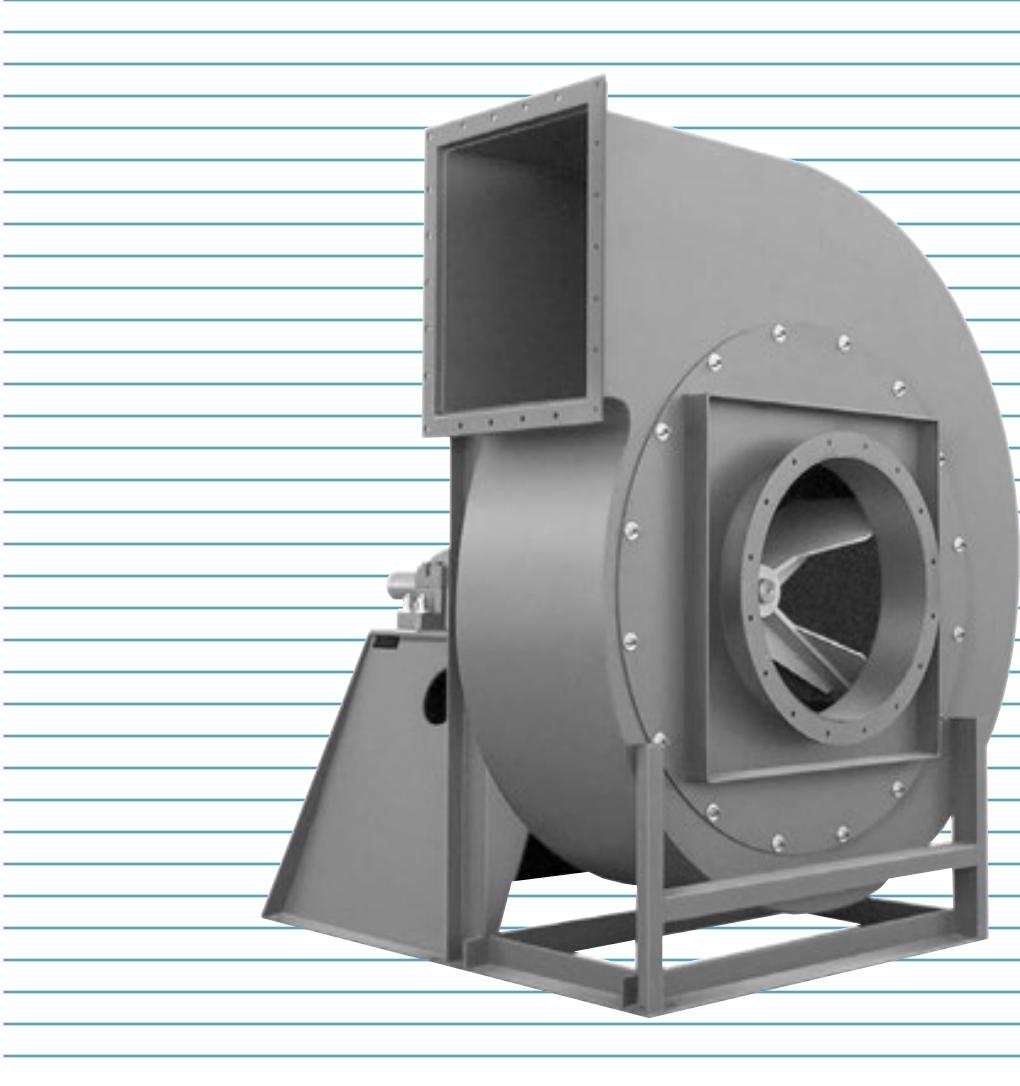


Series 6600 Industrial Centrifugal Fans

Model 32

Designs 6610, 6620, 6630, 6640 & 6650



Series 6600 • Model 32 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 32" SP, at standard conditions. For performance to 22" SP refer to Bulletin 6622-1 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 housing with substantial framing sections for maximum rigidity. Housing 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

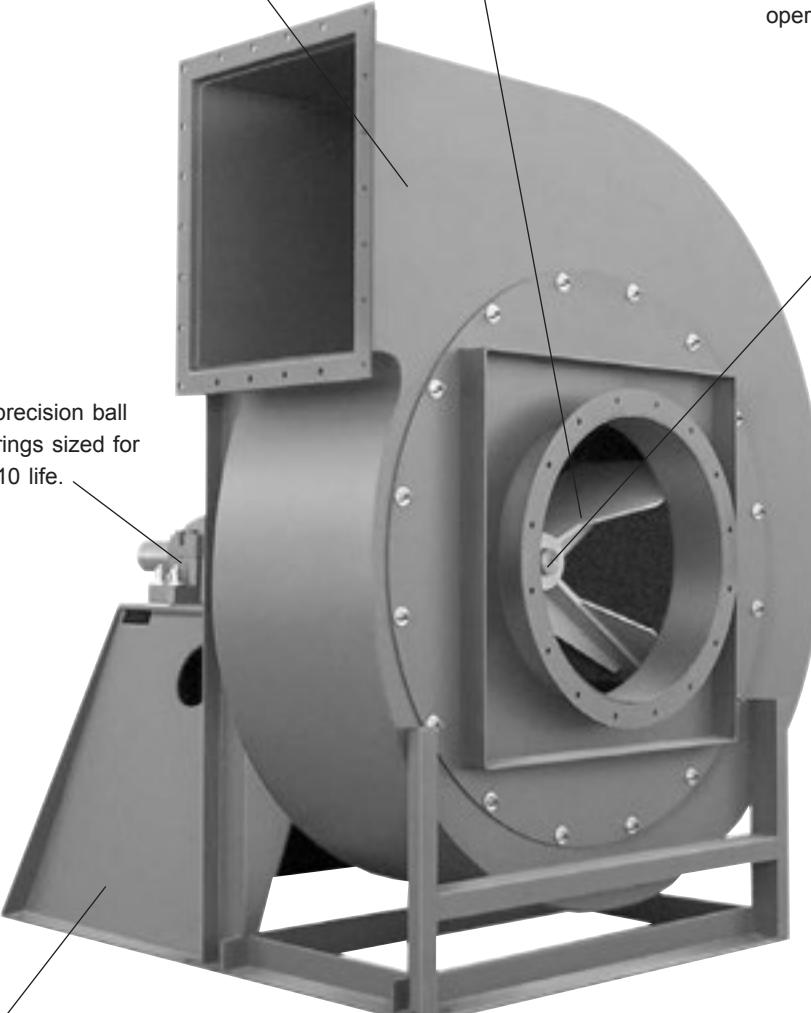
Wheels are dynamically balanced to ISO 1940 specifications for smooth operation.

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 Designs 6610 and 6620 since the impellers 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 32

Design	Fan Size	Arrangements	Rotatable Housing	Reversible Rotation
6610 LS	11-19	1, 8, 9, 9F	✓	✓
6610 LS	21	1, 8, 9, 9F	-	-
6610 LSR	23-49	1, 8, 9, 9F	-	-
6620 AM	11-19	1, 4, 8, 9, 9F	✓	✓
6620 AM	21-49	1, 8, 9, 9F	-	-
6630 WF	11-19	1, 4, 8, 9, 9F	✓	-
6630 WF	21-49	1, 8, 9, 9F	-	-
6640 WF-PT	11-19	1, 9, 9F	✓	-
6640 WF-PT	21-26	1, 9, 9F	-	-
6650 AH	11-19	1, 4, 8, 9, 9F	✓	-
6650 AH	21-49	1, 8, 9, 9F	-	-

Capacities

600CFM to 98,000 CFM

Pressures

Model 32 32" S.P.

Model 32 22" S.P. (Design 6640 WF-PT only)

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 11 to 21

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 6610 LSR Sizes 23 to 49

The LSR wheel is similar to the LS wheel with the addition of rims. The rimmed construction is standard for the size range shown. Suitable for material conveying applications with coarse material, heavy or abrasive dust.



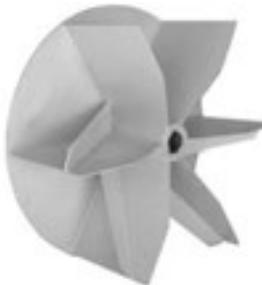
Design 6620 AM Sizes 11 to 49

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 6630 WF Sizes 11 to 49

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 6640 WF-PT Sizes 11 to 26

The rugged duty version of the WF wheel is suitable for high density bulk material such as corrugated paper trim or wood chips.



Design 6650 AH Sizes 11 to 49

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.

Model 32

Motor Horsepower Limits by Design*					
Size	Arrangement 1 Belt Drive				
	6610 LS/LSR	6620 AM	6630 WF	6640 WF-PT	6650 AH
11	40	40	40	25	40
13	60	60	60	40	60
15	75	75	75	50	75
17	100	100	100	60	100
19	125	125	125	75	125
21	150	150	150	100	150
23	200	200	200	125	200
26	200	200	200	150	200
29	250	250	250	-	250
33	350	350	350	-	350
37	350	350	350	-	350
41	350	350	350	-	350
45	350	350	350	-	350
49	350	350	350	-	350

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.

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.



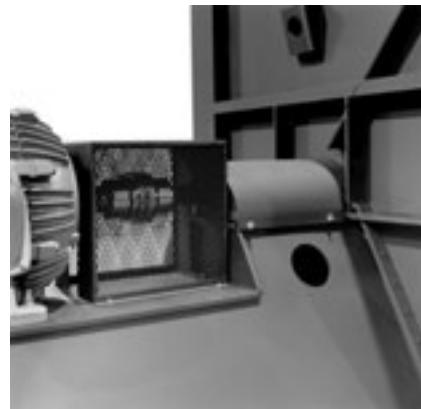
Inlet Box/ Inlet Box Damper

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.



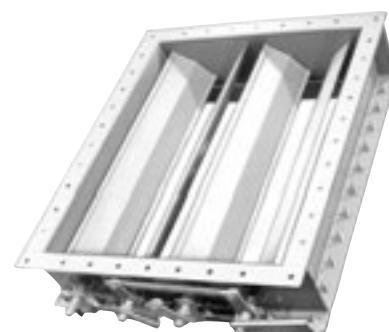
Hinged Quick Release Access Door

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.



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/LSR	6620 AM	6630 WF	6640 WF-PT	6650 AH
11	4036	4005	4108	3502	4014
13	3474	3400	3445	2964	3398
15	3008	2977	2988	2559	2975
17	2610	2597	2600	2256	2568
19	2325	2324	2333	2026	2298
21	2127	2104	2124	1831	2080
23	1924	1932	1925	1671	1923
26	1709	1703	1710	1481	1693
29	1531	1541	1552	-	1518
33	1342	1347	1361	-	1340
37	1200	1193	1211	-	1190
41	1076	1091	1083	-	1080
45	986	954	1000	-	981
49	907	856	922	-	901

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
8 SW	300°F	650°F	800°F
9, 9F S W	300°F	650°F	800°F

Table 3

Air Temp °F	Air Density Correction Factor						
	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/LSR, 6620 AM, 6630 WF, & 6640 WF-PT		6610 LS/LSR, 6620 AM, *6630 WF, & 6640 WF-PT
	Mild Steel	Stainless Steel 304L	Stainless Steel 316L
-50 to 70	1.00	1.00	1.00
100	0.98	0.99	0.98
200	0.96	0.96	0.91
300	0.89	0.92	0.87
400	0.86	0.88	0.83
500	0.82	0.84	0.80
600	0.79	0.81	0.77
700	0.76	0.78	0.74
800	0.68	0.75	0.72

*6630 - Sizes 11 to 26 only

Table 5

Temp °F	Safe Speed Deration Factors (by Design)		
	6650 AH & *6630 WF		6650 AH
	High Strength Low Alloy Steel	Stainless Steel 304L	Stainless Steel 316L
-50 to 70	1.00	0.90	0.90
100	0.99	0.89	0.88
200	0.97	0.86	0.82
300	0.96	0.83	0.78
400	0.95	0.79	0.75
500	0.93	0.76	0.72
600	0.90	0.73	0.69
700	0.88	0.70	0.67
800	0.83	0.68	0.65

†6630 - Sizes 29 to 49 only

Sample Selection of a Belt Drive Fan

Select a Design 6610 LS fan for the operating conditions of 11,000 CFM at 16" SP, 200°F and 5000 feet elevation.

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

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

$$= 16" \times 1.50 = 24"$$

- 2) From the Performance Tables, select the fan size. For 11,000 CFM at 24" SP an efficient selection would be a size 21 fan. Interpolating from the Performance Table given on page 12, the selected fan performance is 1831 RPM and 67.1 Equivalent BHP at standard temperature and pressure.
- 3) Divide the Equivalent BHP by the Air Density Correction Factor to obtain the Operating BHP:

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

$$= \frac{67.1}{1.50} = 44.7 \text{ BHP}$$

- 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:

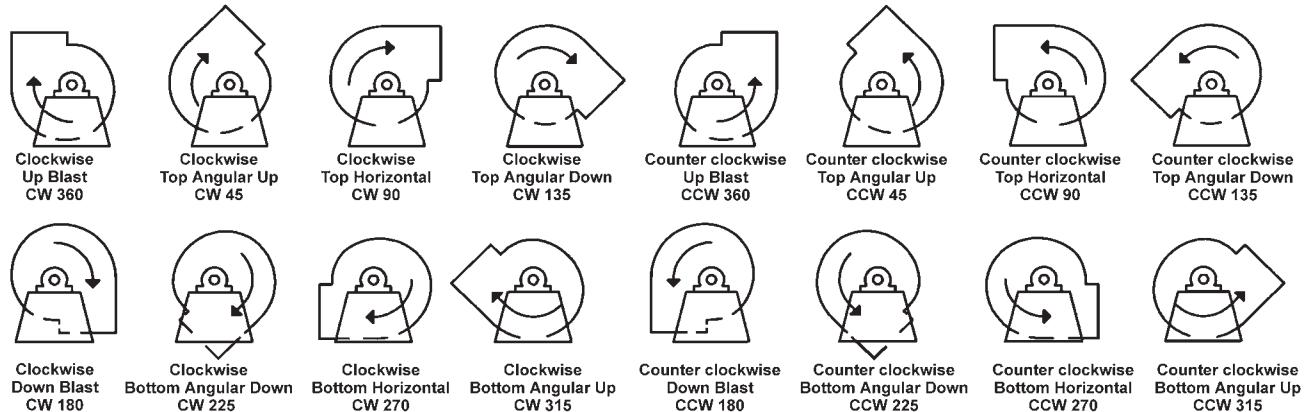
$$\text{Maximum Speed} = 2127 \times 0.93 = 1978 \text{ RPM}$$

Since the fan selection speed of 1831 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

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

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

Model 32 Maximum RPM 4036[†]
Maximum Belt Drive Motor HP 40

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
1500	2264	3279	10.4	3351	11.0	3427	11.6	3499	12.2	3558	12.7	3619	13.3	3682	13.9	3748	14.5	3816	15.2	3943	16.6
1600	2415	3291	10.9	3365	11.5	3427	12.0	3492	12.6	3560	13.2	3631	13.8	3705	14.6	3759	15.1	3815	15.7	3932	16.9
1700	2566	3294	11.3	3362	11.9	3432	12.5	3507	13.1	3574	13.8	3632	14.3	3693	14.9	3757	15.6	3822	16.2	3952	17.7
1800	2717	3299	11.7	3374	12.4	3444	13.0	3506	13.6	3571	14.2	3638	14.8	3708	15.5	3772	16.2	3827	16.8	3943	18.1
1900	2868	3313	12.3	3377	12.8	3444	13.5	3514	14.1	3587	14.8	3647	15.4	3706	16.0	3768	16.7	3832	17.4	3962	18.8
2000	3019	3313	12.7	3384	13.4	3458	14.1	3522	14.7	3584	15.3	3649	16.0	3716	16.7	3785	17.4	3840	18.0	3955	19.3
2100	3170	3324	13.3	3395	13.9	3459	14.5	3526	15.2	3596	15.9	3662	16.6	3721	17.2	3781	17.9	3843	18.6	3972	20.1
2200	3321	3331	13.8	3398	14.4	3469	15.1	3539	15.8	3600	16.5	3663	17.1	3728	17.9	3796	18.6	3854	19.3	3968	20.7
2300	3471	3339	14.3	3413	15.0	3477	15.7	3541	16.4	3609	17.1	3679	17.9	3736	18.5	3795	19.2	3857	19.9	3984	21.5
2400	3622	3352	14.9	3417	15.5	3485	16.3	3556	17.0	3617	17.7	3679	18.4	3743	19.1	3809	19.9	3868	20.7	3982	22.1
2500	3773	3358	15.4	3429	16.1	3497	16.9	3560	17.6	3625	18.3	3693	19.1	3753	19.8	3812	20.6	3872	21.3	3997	22.9
2600	3924	3373	16.0	3438	16.7	3504	17.4	3573	18.2	3637	19.0	3697	19.7	3760	20.5	3824	21.3	3885	22.1	3998	23.6
2700	4075	3381	16.5	3449	17.3	3519	18.1	3581	18.8	3644	19.6	3710	20.4	3772	21.2	3830	22.0	3890	22.8	4012	24.4
2800	4226	3394	17.1	3462	17.9	3526	18.7	3593	19.5	3658	20.3	3718	21.1	3779	21.9	3843	22.7	3903	23.5	4015	25.1
2900	4377	3405	17.7	3472	18.5	3541	19.4	3603	20.1	3666	20.9	3731	21.8	3792	22.6	3850	23.4	3909	24.2	4029	26.0
3000	4528	3417	18.3	3487	19.2	3550	20.0	3615	20.8	3681	21.7	3740	22.5	3801	23.3	3864	24.2	3922	25.0	4035	26.7
3200	4830	3443	19.6	3512	20.5	3575	21.3	3639	22.2	3705	23.1	3763	23.9	3824	24.8	3887	25.7	3944	26.6		
3400	5132	3468	20.9	3538	21.8	3600	22.7	3665	23.6	3729	24.5	3788	25.4	3849	26.3	3911	27.3	3967	28.2		
3600	5434	3495	22.2	3564	23.2	3626	24.1	3691	25.0	3755	26.0	3813	26.9	3874	27.9	3936	28.9	3991	29.8		
3800	5735	3522	23.6	3591	24.6	3653	25.6	3717	26.5	3780	27.6	3839	28.5	3900	29.5	3960	30.5	4016	31.5		
4000	6037	3550	25.0	3618	26.1	3680	27.1	3744	28.1	3806	29.1	3866	30.2	3927	31.2	3985	32.3				
4200	6339	3579	26.5	3646	27.6	3708	28.7	3772	29.7	3833	30.8	3892	31.9	3955	33.0	4011	34.0				
4400	6641	3609	28.1	3675	29.2	3736	30.3	3801	31.4	3860	32.5	3920	33.6	3981	34.8						
4600	6943	3641	29.7	3705	30.9	3767	32.0	3830	33.2	3889	34.3	3950	35.5	4008	36.6						
4800	7245	3674	31.4	3737	32.6	3799	33.8	3860	35.0	3919	36.1	3980	37.4								

Power rating (BHP) does not include drive losses.

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

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

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

Size

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

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

Model 32 Maximum RPM 3474
Maximum Belt Drive Motor HP 60

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
2300	2485	2782	15.4	2845	16.3	2911	17.2	2961	17.9	3014	18.7	3069	19.6	3126	20.5	3185	21.5	3240	22.4	3331	24.0
2400	2594	2791	15.9	2846	16.7	2904	17.5	2965	18.4	3028	19.4	3077	20.2	3127	21.0	3179	21.9	3233	22.8	3346	24.8
2500	2702	2791	16.3	2856	17.3	2912	18.1	2965	18.9	3021	19.7	3079	20.7	3140	21.7	3189	22.5	3237	23.4	3337	25.2
2600	2810	2796	16.8	2854	17.7	2914	18.5	2977	19.5	3029	20.3	3080	21.2	3133	22.1	3189	23.0	3247	24.1	3343	25.9
2700	2918	2802	17.3	2863	18.2	2917	19.1	2973	19.9	3031	20.9	3093	21.9	3141	22.7	3191	23.6	3242	24.5	3350	26.5
2800	3026	2803	17.8	2863	18.7	2926	19.7	2981	20.5	3033	21.4	3088	22.3	3144	23.3	3203	24.3	3250	25.2	3347	27.1
2900	3134	2814	18.4	2869	19.2	2925	20.1	2983	21.1	3045	22.1	3095	22.9	3145	23.8	3198	24.8	3253	25.8	3356	27.8
3000	3242	2813	18.8	2875	19.8	2934	20.7	2987	21.6	3042	22.6	3099	23.6	3157	24.6	3204	25.5	3254	26.4	3358	28.4
3200	3458	2825	19.9	2888	20.9	2941	21.8	2996	22.8	3054	23.8	3111	24.8	3160	25.8	3211	26.7	3263	27.8	3369	29.9
3400	3674	2838	21.0	2896	22.0	2951	23.0	3008	24.0	3067	25.1	3117	26.0	3168	27.0	3222	28.1	3277	29.2	3372	31.2
3600	3890	2852	22.2	2907	23.1	2964	24.2	3023	25.3	3074	26.3	3126	27.3	3181	28.4	3237	29.6	3283	30.6	3382	32.7
3800	4106	2863	23.3	2920	24.3	2979	25.5	3032	26.5	3085	27.6	3140	28.7	3195	29.9	3243	30.9	3293	32.0	3397	34.3
4000	4323	2877	24.4	2935	25.6	2992	26.7	3045	27.8	3099	28.9	3155	30.1	3204	31.2	3254	32.3	3306	33.5	3404	35.8
4200	4539	2892	25.6	2951	26.8	3004	27.9	3059	29.1	3116	30.3	3165	31.4	3216	32.6	3270	33.9	3320	35.1	3415	37.4
4400	4755	2909	26.9	2964	28.1	3019	29.3	3077	30.5	3127	31.7	3179	32.9	3233	34.1	3283	35.4	3331	36.5	3431	39.1
4600	4971	2924	28.2	2979	29.4	3037	30.7	3089	31.9	3142	33.1	3196	34.4	3246	35.6	3295	36.9	3346	38.1	3442	40.7
4800	5187	2939	29.5	2996	30.7	3051	32.0	3104	33.3	3159	34.6	3210	35.9	3260	37.1	3311	38.5	3362	39.8	3455	42.4
5000	5403	2955	30.8	3013	32.2	3066	33.4	3121	34.8	3174	36.1	3224	37.4	3277	38.8	3327	40.1	3374	41.4	3473	44.2
5200	5619	2973	32.2	3027	33.5	3083	34.9	3137	36.3	3188	37.6	3241	39.0	3292	40.4	3341	41.7	3390	43.1		
5400	5835	2988	33.6	3044	35.0	3100	36														

Wheel Diameter = 26.125 in.

Outlet Area = 1.23 sq. ft. inside

Tip Speed, fpm = 6.84 x RPM

Model 32 Maximum RPM 3008



Maximum Belt Drive Motor HP 75

Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
3200	2597	2419	21.2	2467	22.2	2517	23.3	2569	24.5	2624	25.8	2667	26.9	2711	28.0	2755	29.1	2802	30.4	2899	33.1
3400	2760	2420	22.1	2473	23.2	2528	24.5	2575	25.6	2620	26.7	2667	27.9	2716	29.1	2767	30.4	2812	31.7	2893	34.0
3600	2922	2428	23.1	2482	24.3	2528	25.4	2577	26.6	2627	27.8	2680	29.1	2723	30.3	2766	31.4	2810	32.7	2903	35.4
3800	3084	2434	24.1	2483	25.2	2534	26.5	2587	27.8	2634	29.0	2678	30.1	2724	31.4	2772	32.7	2822	34.1	2904	36.5
4000	3247	2438	25.1	2491	26.4	2543	27.6	2589	28.8	2636	30.1	2686	31.4	2737	32.8	2778	34.0	2820	35.2	2910	37.9
4200	3409	2448	26.2	2498	27.5	2546	28.7	2596	30.0	2648	31.4	2691	32.6	2736	33.9	2781	35.2	2829	36.6	2915	39.3
4400	3571	2454	27.3	2503	28.5	2555	29.9	2604	31.2	2649	32.5	2696	33.8	2745	35.3	2791	36.6	2832	37.9	2919	40.7
4600	3734	2461	28.3	2515	29.8	2561	31.0	2609	32.4	2658	33.8	2706	35.2	2749	36.5	2793	37.9	2839	39.3	2927	42.2
4800	3896	2472	29.5	2519	30.8	2569	32.2	2620	33.7	2665	35.1	2710	36.4	2757	37.9	2805	39.4	2846	40.8	2931	43.6
5000	4058	2478	30.6	2529	32.1	2579	33.5	2625	34.9	2672	36.3	2721	37.9	2765	39.3	2808	40.7	2852	42.2	2941	45.2
5200	4221	2489	31.8	2538	33.3	2585	34.7	2634	36.2	2682	37.7	2726	39.1	2771	40.6	2818	42.2	2861	43.7	2944	46.7
5400	4383	2498	33.0	2546	34.5	2597	36.0	2643	37.5	2689	39.0	2736	40.6	2782	42.1	2824	43.6	2867	45.1	2955	48.4
5600	4545	2507	34.2	2559	35.8	2604	37.3	2652	38.8	2701	40.5	2744	41.9	2788	43.5	2834	45.1	2878	46.8	2960	49.8
5800	4708	2519	35.5	2566	37.0	2615	38.6	2662	40.2	2707	41.7	2753	43.4	2800	45.1	2841	46.6	2884	48.2	2972	51.6
6000	4870	2527	36.7	2577	38.3	2624	39.9	2671	41.5	2719	43.2	2763	44.8	2806	46.4	2851	48.1	2896	49.9	2977	53.1
6200	5032	2539	38.0	2586	39.6	2634	41.3	2683	43.0	2727	44.6	2772	46.3	2819	48.1	2860	49.7	2902	51.4	2989	54.9
6400	5195	2548	39.3	2597	41.0	2645	42.7	2691	44.4	2738	46.1	2783	47.8	2826	49.5	2870	51.3	2915	53.1	2995	56.5
6600	5357	2559	40.7	2607	42.4	2654	44.1	2703	45.9	2747	47.6	2792	49.3	2838	51.2	2880	52.9	2922	54.6	2934	56.4
6800	5519	2569	42.0	2617	43.8	2666	45.6	2711	47.3	2758	49.1	2803	50.9	2846	52.7	2890	54.5	2941	58.0		
7000	5682	2580	43.4	2629	45.2	2675	47.0	2723	48.9	2768	50.7	2812	52.5	2858	54.4	2900	56.2				
7400	6006	2601	46.3	2650	48.2	2696	50.1	2744	52.0	2789	53.9	2833	55.8	2879	57.8	2920	59.6	2962	61.5		
7800	6331	2624	49.3	2673	51.3	2718	53.2	2766	55.2	2810	57.2	2854	59.2	2900	61.3	2941	63.2	2983	65.2		
8200	6656	2648	52.4	2696	54.5	2741	56.5	2788	58.6	2832	60.6	2876	62.7	2921	64.8	2962	66.8	3004	68.9		
8600	6980	2673	55.6	2720	57.8	2765	59.9	2811	62.1	2855	64.2	2898	66.3	2942	68.5	2983	70.6				
9000	7305	2699	59.1	2746	61.3	2790	63.4	2836	65.7	2878	67.9	2922	70.1	2965	72.4	3006	74.6				

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 = 29.625 in.



Outlet Area = 1.59 sq. ft. inside

Tip Speed, fpm = 7.76 x RPM

Model 32 Maximum RPM 2610

Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
4000	2520	2099	24.4	2150	25.9	2189	27.0	2229	28.3	2271	29.6	2315	31.0	2361	32.5	2401	33.9	2436	35.2	2509	37.9
4200	2646	2102	25.3	2146	26.5	2191	27.9	2239	29.4	2280	30.7	2317	32.0	2356	33.3	2397	34.7	2439	36.2	2520	39.3
4400	2772	2106	26.1	2155	27.6	2195	28.8	2236	30.1	2279	31.5	2323	33.1	2367	34.6	2403	35.9	2439	37.2	2516	40.1
4600	2898	2109	27.0	2153	28.3	2199	29.8	2246	31.3	2284	32.6	2323	33.9	2363	35.4	2405	36.9	2449	38.5	2520	41.3
4800	3024	2114	27.9	2161	29.4	2201	30.7	2243	32.1	2287	33.6	2333	35.2	2370	36.6	2407	37.9	2445	39.4	2526	42.6
5000	3150	2117	28.8	2161	30.2	2207	31.7	2251	33.2	2290	34.6	2330	36.0	2372	37.6	2415	39.2	2453	40.7	2524	43.6
5200	3276	2123	29.8	2168	31.3	2209	32.7	2252	34.2	2296	35.7	2338	37.3	2375	38.7	2413	40.2	2453	41.8	2535	45.1
5400	3402	2126	30.7	2170	32.2	2217	33.8	2257	35.3	2297	36.7	2338	38.3	2381	39.9	2422	41.5	2457	43.0	2532	46.1
5600	3528	2133	31.8	2176	33.3	2217	34.7	2261	36.3	2306	38.0	2344	39.5	2382	41.0	2422	42.6	2463	44.3	2537	47.5
5800	3654	2135	32.7	2180	34.3	2226	35.9	2265	37.4	2306	39.0	2348	40.6	2391	42.4	2427	43.8	2464	45.4	2542	48.8
6000	3780	2143	33.8	2185	35.3	2227	36.9	2271	38.6	2313	40.2	2351	41.7	2391	43.4	2432	45.1	2473	46.9	2543	50.0
6400	4032	2153	35.9	2195	37.5	2238	39.1	2282	40.9	2321	42.5	2360	44.2	2401	45.9	2443	47.8	2479	49.4	2552	52.8
6800	4284	2164	38.1	2205	39.7	2249	41.5	2292	43.3	2331	44.9	2371	46.7	2413	48.6	2450	50.3	2487	52.0	2563	55.7
7200	4536	2175	40.3	2217	42.0	2261	43.9	2301	45.7	2341	47.4	2383	49.3	2423	51.2	2459	52.9	2497	54.8	2574	58.7
7600	4788	2186	42.6	2230	44.5	2273	46.4	2312	48.2	2353	50.1	2395	52.1	2432	53.9	2470	55.7	2509	57.7	2582	61.5
8000	5040	2199	45.0	2243	47.0	2284	48.9	2324	50.8	2366	52.8	2405	54.7	2443	56.7	2482	58.7	2521	60.7	2592	64.6
8400	5291	2212	47.5	2256	49.6	2296	51.5	2338	53.5	2379	55.6	2416	57.5	2455	59.6	2496	61.7	2531	63.7	2604	67.9
8800	5543	2226	50.1	2268	52.1	2309	54.2	2352	56.4	2390	58.4	2429	60.5	2469	62.7	2506	64.7	2542	66.8		
9200	5795	2241	52.8	2281	54.8	2323	57.0	2364	59.2	2403	61.3	2443	63.5	2481	65.7						

Size

19 SISW

Design 6610 LS Industrial Centrifugal Fans



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

Model 32 Maximum RPM 2325
Maximum Belt Drive Motor HP 125

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
5000	2522	1878	30.5	1923	32.3	1959	33.8	1995	35.3	2032	37.0	2071	38.8	2112	40.7	2149	42.4	2180	44.0	2245	47.3
5200	2622	1879	31.3	1919	32.9	1961	34.7	2004	36.5	2037	38.1	2072	39.7	2108	41.4	2145	43.2	2184	45.1	2252	48.7
5400	2723	1887	32.4	1924	33.9	1961	35.5	2000	37.2	2040	39.1	2081	40.9	2113	42.5	2146	44.2	2181	45.9	2253	49.8
5600	2824	1884	33.0	1927	34.8	1968	36.6	2003	38.2	2039	39.9	2077	41.7	2116	43.6	2155	45.6	2186	47.2	2251	50.7
5800	2925	1889	34.0	1927	35.6	1967	37.4	2008	39.3	2046	41.1	2080	42.7	2115	44.5	2151	46.3	2189	48.3	2257	52.0
6000	3026	1892	34.9	1934	36.7	1970	38.4	2007	40.1	2046	42.0	2087	44.0	2121	45.7	2154	47.4	2188	49.2	2260	53.2
6400	3228	1900	36.9	1937	38.5	1975	40.3	2015	42.2	2055	44.2	2088	45.9	2123	47.7	2159	49.7	2196	51.7	2263	55.6
6800	3429	1903	38.7	1942	40.5	1983	42.5	2022	44.4	2057	46.2	2093	48.1	2130	50.1	2169	52.3	2201	54.1	2266	57.9
7200	3631	1910	40.6	1950	42.6	1990	44.6	2026	46.5	2063	48.4	2101	50.5	2138	52.6	2170	54.4	2204	56.4	2275	60.8
7600	3833	1918	42.7	1958	44.8	1995	46.7	2032	48.7	2072	50.9	2107	52.9	2141	54.8	2176	56.9	2213	59.1	2278	63.3
8000	4034	1927	44.9	1964	46.8	2002	48.9	2042	51.1	2077	53.1	2112	55.2	2148	57.4	2186	59.7	2218	61.7	2284	66.0
8400	4236	1933	47.0	1972	49.1	2012	51.3	2047	53.4	2083	55.5	2121	57.8	2157	60.0	2190	62.1	2223	64.3	2294	69.1
8800	4438	1941	49.2	1981	51.5	2018	53.6	2055	55.8	2093	58.1	2128	60.4	2162	62.5	2197	64.8	2233	67.2	2297	71.7
9200	4640	1951	51.5	1989	53.8	2026	56.0	2064	58.4	2100	60.6	2135	62.9	2171	65.3	2207	67.7	2238	69.9	2305	74.7
9600	4841	1959	53.9	1997	56.1	2036	58.6	2072	60.9	2107	63.2	2144	65.7	2179	68.1	2212	70.4	2246	72.8	2313	77.8
10000	5043	1967	56.2	2007	58.7	2044	61.1	2080	63.5	2117	66.0	2152	68.4	2186	70.8	2221	73.3	2256	75.9	2319	80.7
10500	5295	1979	59.3	2019	62.0	2055	64.3	2092	66.9	2128	69.5	2162	71.9	2197	74.5	2233	77.2	2265	79.6		
11000	5547	1992	62.6	2030	65.2	2066	67.7	2104	70.5	2139	73.0	2174	75.6	2210	78.3	2242	80.9	2275	83.5		
11500	5799	2005	66.0	2041	68.6	2079	71.3	2115	74.0	2150	76.6	2186	79.4	2220	82.1	2253	84.8	2287	87.6		
12000	6052	2017	69.3	2054	72.1	2092	75.0	2127	77.6	2162	80.5	2198	83.3	2231	86.0	2265	88.9	2299	91.8		
12500	6304	2030	72.8	2067	75.7	2104	78.6	2139	81.4	2176	84.5	2209	87.2	2243	90.1	2278	93.2	2309	96.0		
13000	6556	2043	76.4	2081	79.5	2116	82.3	2153	85.4	2187	88.4	2221	91.3	2257	94.5	2289	97.4	2321	100.3		
13500	6808	2058	80.1	2094	83.2	2130	86.2	2166	89.4	2200	92.4	2235	95.6	2268	98.7	2301	101.7				
14000	7060	2073	83.9	2108	87.0	2145	90.3	2179	93.4	2214	96.7	2248	99.9	2281	103.0	2314	106.3				
14500	7312	2087	87.7	2123	91.0	2158	94.3	2193	97.6	2228	101.0	2261	104.2	2295	107.6						

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

21 SISW

Design 6610 LS Industrial Centrifugal Fans



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

Model 32 Maximum RPM 2127
Maximum Belt Drive Motor HP 150

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
6000	2477	1702	37.0	1736	38.9	1769	40.7	1804	42.7	1839	44.8	1877	47.1	1911	49.2	1939	51.0	1969	53.0	2031	57.3
6500	2683	1704	39.0	1738	40.9	1773	42.9	1810	45.1	1849	47.4	1879	49.3	1909	51.3	1940	53.4	1973	55.6	2042	60.5
7000	2890	1707	41.1	1743	43.2	1780	45.4	1818	47.7	1848	49.6	1880	51.7	1913	53.9	1947	56.2	1983	58.8	2040	62.9
7500	3096	1712	43.3	1750	45.6	1787	47.9	1819	49.9	1852	52.1	1886	54.4	1921	56.8	1953	59.1	1982	61.2	2043	65.8
8000	3303	1719	45.8	1757	48.1	1789	50.2	1823	52.4	1858	54.8	1895	57.4	1924	59.5	1955	61.7	1986	64.1	2052	69.2
8500	3509	1727	48.3	1760	50.5	1795	52.8	1830	55.2	1866	57.7	1896	59.9	1928	62.2	1960	64.7	1994	67.4	2053	72.1
9000	3715	1731	50.7	1766	53.0	1802	55.5	1837	58.0	1869	60.3	1901	62.8	1935	65.3	1969	68.0	1998	70.3	2057	75.3
9500	3922	1737	53.3	1773	55.8	1810	58.4	1842	60.7	1875	63.2	1909	65.9	1942	68.5	1971	70.9	2002	73.5	2067	79.0
10000	4128	1745	55.9	1782	58.6	1815	61.1	1848	63.6	1883	66.4	1915	68.9	1946	71.5	1978	74.1	2011	77.0	2069	82.2
10500	4335	1754	58.8	1788	61.3	1822	64.0	1857	66.8	1889	69.4	1921	72.0	1953	74.8	1987	77.7	2016	80.3	2075	85.8
11000	4541	1761	61.5	1795	64.2	1831	67.1	1863	69.8	1895	72.5	1929	75.3	1961	78.2	1991	80.9	2021	83.7	2084	89.6
11500	4747	1768	64.4	1804	67.3	1838	70.1	1870	72.9	1904	75.8	1936	78.7	1967	81.5	1998	84.4	2031	87.5	2088	93.1
12000	4954	1777	67.4	1812	70.3	1845	73.2	1879	76.2	1912	79.1	1943	82.0	1975	85.0	2007	88.1	2036	91.0	2096	97.1
12500	5160	1786	70.5	1820	73.4	1854	76.5	1887	79.5	1919	82.5	1952	85.6	1983	88.7	2013	91.6	2044	94.7	2104	101.0
13000	5367	1794	73.6	1829	76.7	1863	79.8	1895	82.9	1928	86.1	1960	89.2	1990	92.2	2022	95.5	2053	98.7	2110	104.9
13500	5573	1803	76.8	1838	80.1	1871	83.2	1904	86.5	1936	89.6	1967	92.8	2000	96.1	2030	99.3	2059	102.5	2120	109.3
14000	5779	1813	80.3	1846	83.4	1880	86.8	1913	90.0	1944	93.3	1977	96.7	2008	99.9	2038	103.2	2068	106.6	2126	113.2
14500	5986	1821	83.5	1856	86.9	1889	90.3	1921	93.6	1955	97.2	1985	100.5	2016	103.8	2048	107.4	2076	110.7	2085	114.9
15000	6192	1831	87.0	1865	90.5	1898	93.9	1932	97.5	1962	100.9	1994	104.4	2026	108.1	2055	111.4	2085	114.9	2095	119.4
15500	6399	1842	90.6																		

Wheel Diameter = 40.00 in.

Outlet Area = 2.90 sq. ft. inside

Tip Speed, fpm = 10.47 x RPM



Model 32 Maximum RPM 1924

Maximum Belt Drive Motor HP 200

Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
7000	2420	1558	41.7	1590	43.8	1623	45.9	1657	48.3	1693	50.8	1723	53.0	1751	55.1	1780	57.3	1809	59.7	1872	64.8
7500	2593	1557	43.7	1591	46.0	1628	48.4	1660	50.7	1689	52.8	1720	55.1	1751	57.5	1784	60.1	1818	62.8	1870	67.3
8000	2766	1560	46.0	1597	48.5	1627	50.6	1658	52.8	1690	55.3	1724	57.9	1757	60.5	1784	62.7	1812	65.0	1870	70.0
8500	2939	1563	48.3	1595	50.5	1627	52.9	1661	55.5	1696	58.1	1724	60.4	1753	62.7	1783	65.3	1815	67.9	1874	73.3
9000	3112	1563	50.5	1597	52.9	1632	55.6	1663	58.0	1693	60.4	1724	63.0	1757	65.7	1790	68.5	1816	70.8	1871	75.9
9500	3285	1566	52.9	1602	55.6	1632	58.0	1664	60.5	1696	63.2	1730	66.1	1758	68.5	1786	71.0	1816	73.7	1878	79.5
10000	3457	1571	55.5	1602	57.9	1634	60.6	1668	63.4	1699	66.0	1729	68.6	1759	71.3	1790	74.2	1822	77.1	1875	82.3
10500	3630	1572	57.8	1605	60.5	1640	63.5	1670	66.0	1700	68.7	1732	71.6	1765	74.6	1792	77.2	1820	79.9	1879	85.8
11000	3803	1576	60.4	1610	63.3	1641	66.0	1672	68.8	1705	71.8	1735	74.6	1764	77.3	1793	80.2	1824	83.3	1880	89.1
11500	3976	1581	63.1	1612	65.8	1645	68.7	1678	71.9	1707	74.6	1737	77.5	1768	80.6	1799	83.7	1826	86.5	1882	92.5
12000	4149	1584	65.5	1617	68.6	1650	71.7	1680	74.5	1711	77.6	1743	80.8	1771	83.7	1799	86.7	1829	89.8	1886	96.1
12500	4322	1589	68.2	1622	71.4	1653	74.3	1684	77.5	1716	80.8	1745	83.7	1774	86.9	1805	90.2	1833	93.3	1888	99.5
13000	4495	1595	70.9	1626	74.0	1658	77.3	1689	80.5	1719	83.6	1749	87.0	1780	90.3	1807	93.4	1835	96.6	1893	103.4
13500	4668	1599	73.6	1632	77.0	1663	80.2	1693	83.5	1725	86.9	1754	90.2	1782	93.4	1812	96.8	1842	100.4	1895	106.8
14000	4840	1606	76.5	1637	79.8	1668	83.1	1700	86.7	1729	89.9	1758	93.3	1789	97.0	1816	100.3	1844	103.6	1901	110.9
14500	5013	1611	79.2	1642	82.6	1675	86.3	1704	89.6	1734	93.2	1765	96.8	1792	100.2	1821	103.7	1850	107.4	1903	114.3
15000	5186	1617	82.0	1649	85.7	1679	89.1	1710	92.8	1740	96.4	1768	100.0	1798	103.7	1827	107.4	1853	110.9	1909	118.4
15500	5359	1624	84.9	1654	88.5	1686	92.3	1715	95.9	1745	99.6	1775	103.5	1803	107.1	1831	110.8	1859	114.6	1913	122.0
16000	5532	1629	87.7	1661	91.6	1691	95.3	1721	99.1	1752	103.1	1780	106.7	1808	110.6	1838	114.6	1864	118.3	1919	126.1
16500	5705	1637	90.8	1667	94.6	1698	98.5	1728	102.4	1757	106.3	1786	110.3	1815	114.2	1842	118.0	1870	122.1	1923	129.9
17000	5878	1643	93.8	1674	97.8	1704	101.7	1734	105.6	1764	109.8	1792	113.7	1820	117.7	1849	121.9	1875	125.8		
17500	6050	1650	97.0	1681	101.0	1711	105.0	1741	109.2	1769	113.1	1798	117.3	1827	121.4	1854	125.4	1881	129.6		
18000	6223	1658	100.3	1688	104.3	1718	108.4	1747	112.5	1777	116.7	1805	120.8	1833	125.0	1861	129.4	1888	133.5		
19000	6569	1674	107.3	1703	111.3	1734	115.6	1762	119.7	1791	124.0	1819	128.3	1846	132.6	1874	137.1	1900	141.4		
20000	6915	1691	114.9	1720	119.0	1750	123.3	1777	127.5	1806	131.9	1833	136.2	1860	140.6	1888	145.2	1914	149.6		

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 = 45.125 in.

Outlet Area = 3.69 sq. ft. inside

Tip Speed, fpm = 11.81 x RPM



Model 32 Maximum RPM 1709

Maximum Belt Drive Motor HP 200

Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
9500	2570	1377	55.5	1408	58.4	1442	61.7	1467	64.3	1494	67.0	1521	70.0	1550	73.2	1580	76.5	1607	79.7	1653	85.4
10000	2706	1382	58.0	1409	60.6	1437	63.5	1467	66.5	1498	69.8	1526	72.9	1550	75.7	1576	78.7	1602	81.8	1658	88.7
10500	2841	1379	59.9	1410	62.9	1442	66.2	1469	69.1	1496	72.0	1523	75.1	1552	78.4	1581	81.9	1606	84.9	1654	91.0
11000	2976	1383	62.4	1412	65.3	1440	68.3	1469	71.5	1499	74.8	1527	78.0	1552	81.0	1577	84.1	1604	87.4	1661	94.7
11500	3111	1382	64.5	1412	67.7	1444	71.1	1471	74.1	1498	77.2	1525	80.4	1554	83.9	1583	87.5	1606	90.5	1655	97.0
12000	3247	1386	67.0	1415	70.2	1443	73.3	1472	76.6	1502	80.2	1529	83.5	1554	86.6	1580	89.9	1607	93.4	1660	100.6
12500	3382	1386	69.3	1416	72.6	1447	76.1	1474	79.4	1501	82.6	1528	86.1	1557	89.7	1584	93.2	1608	96.4	1658	103.4
13000	3517	1389	71.9	1419	75.3	1447	78.6	1475	82.0	1505	85.7	1531	89.1	1557	92.4	1583	95.9	1610	99.7	1660	106.8
13500	3653	1391	74.3	1420	77.7	1450	81.4	1478	84.9	1504	88.3	1532	91.9	1561	95.7	1586	99.2	1610	102.7	1661	110.1
14000	3788	1394	76.9	1424	80.6	1451	84.0	1479	87.6	1509	91.5	1534	94.9	1560	98.5	1587	102.2	1614	106.2	1662	113.4
14500	3923	1396	79.4	1425	83.0	1455	86.9	1482	90.5	1509	94.1	1536	97.9	1565	102.0	1589	105.5	1614	109.1	1666	117.1
15000	4058	1399	82.0	1429	85.9	1456	89.5	1484	93.3	1514	97.4	1539	101.0	1564	104.7	1591	108.7	1619	112.9	1666	120.2
15500	4194	1403	84.6	1431	88.4	1461	92.5	1487	96.3	1514	100.1	1541	104.1	1569	108.2	1593	111.9	1618	115.8	1671	124.3
16000	4329	1406	87.3	1435	91.4	1462	95.2	1490	99.2	1518	103.4	1543	107.2	1569	111.2	1596	115.4	1622	119.5	1670	127.4
17000	4599	1413	92.7	1442	96.9	1469	100.9	1497	105.2	1524	109.5	1549	113.5	1575	117.8	1603	122.3	1626	126.3	1675	134.7
18000	4870	1421	98.2	1449	102.6	1476	106.9	1504	111.4	1530	115.7	1556	120.0	1582	124.5	1608	129.0	1632	133.2	1682	142.4
19000	5141	1429	103.9	1457	108.4	1484	112.9	1512	117.7	1537	122.1	1563	126.6	1590	131.5	1614	135.9	1638	140.4	1688	150.0
20000	5411	1438	109.6	1465	114.3	1492	11														

Size

29 SISW

Design 6610 LSR Industrial Centrifugal Fans



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

Model 32 Maximum RPM 1531
Maximum Belt Drive Motor HP 250

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
12000	2610	1235	69.8	1262	73.4	1290	77.2	1318	81.1	1340	84.4	1364	88.0	1388	91.8	1414	95.8	1440	100.1	1484	107.5
12500	2718	1239	72.4	1264	75.8	1289	79.3	1315	83.0	1342	87.0	1369	91.1	1391	94.6	1413	98.2	1436	102.1	1485	110.5
13000	2827	1236	74.2	1264	78.0	1293	82.2	1317	85.6	1341	89.2	1366	93.1	1392	97.3	1419	101.7	1439	105.2	1482	112.8
13500	2936	1240	76.7	1265	80.3	1291	84.1	1318	88.1	1345	92.3	1367	95.9	1390	99.6	1414	103.7	1439	108.0	1486	116.3
14000	3045	1239	78.8	1268	83.0	1293	86.7	1317	90.4	1342	94.4	1369	98.7	1394	102.9	1416	106.6	1438	110.6	1485	119.1
14500	3153	1241	81.2	1266	85.1	1293	89.2	1321	93.5	1344	97.2	1368	101.1	1392	105.3	1418	109.7	1442	114.1	1485	121.9
15000	3262	1242	83.7	1270	87.8	1294	91.6	1319	95.7	1346	100.0	1371	104.3	1393	108.2	1416	112.3	1440	116.6	1489	125.7
15500	3371	1243	86.0	1269	90.1	1297	94.5	1321	98.5	1345	102.5	1370	106.8	1396	111.4	1420	115.6	1441	119.6	1487	128.3
16000	3480	1246	88.7	1271	92.7	1296	96.8	1323	101.2	1349	105.7	1371	109.7	1395	113.9	1419	118.4	1445	123.2	1487	131.6
17000	3697	1249	93.6	1274	97.8	1300	102.2	1327	107.0	1350	111.1	1374	115.5	1398	120.1	1424	125.0	1445	129.2	1489	138.2
18000	3915	1252	98.6	1278	103.1	1305	107.9	1329	112.4	1352	116.8	1377	121.6	1403	126.6	1424	130.9	1447	135.5	1494	145.4
19000	4132	1256	103.7	1282	108.6	1308	113.4	1332	118.0	1357	122.9	1382	128.0	1404	132.5	1427	137.3	1450	142.3	1495	152.2
20000	4350	1261	109.1	1288	114.3	1311	118.9	1336	123.9	1362	129.3	1384	134.0	1407	138.9	1431	144.1	1455	149.4	1497	159.1
21000	4567	1267	114.6	1291	119.6	1316	124.7	1342	130.1	1365	135.1	1388	140.2	1412	145.6	1436	151.0	1457	155.9	1502	166.7
22000	4784	1272	120.1	1296	125.3	1322	130.8	1346	136.1	1369	141.3	1394	146.9	1417	152.4	1439	157.5	1461	163.0	1506	174.1
23000	5002	1277	125.5	1302	131.1	1328	136.8	1351	142.1	1375	147.8	1399	153.5	1421	158.9	1444	164.5	1467	170.5	1509	181.4
24000	5219	1283	131.2	1309	137.2	1333	142.7	1357	148.5	1381	154.4	1403	160.0	1426	165.8	1450	172.0	1471	177.4	1514	189.2
25000	5437	1290	137.0	1314	142.9	1339	148.8	1364	155.1	1386	160.7	1409	166.8	1433	173.1	1454	178.7	1476	184.7	1520	197.0
26000	5654	1296	143.0	1320	148.9	1345	155.3	1369	161.2	1392	167.4	1416	173.9	1437	179.8	1460	186.0	1482	192.5	1524	204.6
27000	5872	1303	149.0	1328	155.3	1352	161.5	1375	167.8	1399	174.4	1421	180.5	1443	186.9	1467	193.7	1487	199.8	1530	212.8
28000	6089	1310	155.3	1335	161.8	1358	168.1	1382	174.7	1405	181.1	1427	187.6	1451	194.5	1471	200.8	1493	207.4		
29000	6307	1318	162.2	1342	168.4	1366	175.0	1389	181.6	1411	188.2	1435	195.2	1456	201.6	1478	208.4	1500	215.5		
30000	6524	1326	169.0	1350	175.6	1373	182.2	1396	188.8	1419	195.8	1441	202.3	1463	209.2	1485	216.4	1506	223.1		
32000	6959	1344	184.4	1366	190.8	1389	197.6	1411	204.3	1434	211.3	1456	218.4	1477	225.3	1498	232.5	1520	239.7		
34000	7394	1362	200.9	1384	207.7	1406	214.5	1429	221.6	1450	228.5	1472	235.7	1493	242.8	1513	250.0				

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.

Size

33 SISW

Design 6610 LSR Industrial Centrifugal Fans



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

Model 32 Maximum RPM 1342
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
15000	2519	1085	88.2	1112	93.3	1133	97.5	1154	101.9	1176	106.5	1200	111.5	1224	116.9	1245	121.8	1263	126.2	1302	135.8
16000	2687	1088	92.8	1110	97.1	1132	101.8	1156	106.7	1181	112.1	1201	116.7	1221	121.3	1241	126.1	1262	131.3	1307	142.5
17000	2855	1087	96.8	1111	101.7	1136	106.9	1158	111.8	1179	116.5	1200	121.4	1222	126.6	1245	132.2	1266	137.5	1303	147.2
18000	3023	1089	101.5	1114	106.9	1135	111.5	1157	116.4	1180	121.7	1204	127.3	1224	132.4	1244	137.2	1264	142.4	1306	153.6
19000	3191	1092	106.5	1113	111.3	1136	116.5	1160	122.0	1183	127.3	1203	132.3	1223	137.5	1245	143.1	1268	149.0	1306	159.5
20000	3359	1092	111.0	1115	116.3	1140	122.1	1161	127.1	1182	132.3	1204	137.9	1227	143.9	1247	149.2	1266	154.4	1307	165.8
21000	3527	1094	116.0	1119	121.7	1140	126.9	1162	132.4	1185	138.3	1207	143.9	1227	149.2	1247	154.9	1268	160.8	1309	172.5
22000	3695	1097	121.1	1119	126.5	1142	132.3	1166	138.4	1186	143.8	1207	149.4	1229	155.4	1251	161.8	1270	167.2	1309	178.8
23000	3863	1099	126.0	1122	132.0	1145	138.0	1166	143.6	1188	149.6	1211	155.9	1231	161.7	1251	167.4	1271	173.5	1312	186.2
24000	4031	1102	131.4	1125	137.4	1147	143.2	1169	149.5	1191	155.8	1211	161.6	1232	167.7	1254	174.2	1274	180.5	1312	192.5
25000	4199	1105	136.5	1127	142.6	1151	149.2	1172	155.3	1193	161.4	1214	167.9	1236	174.6	1255	180.5	1275	186.8	1316	200.4
26000	4367	1108	141.8	1132	148.5	1153	154.6	1174	161.1	1197	167.9	1217	174.2	1237	180.5	1258	187.2	1279	194.3	1316	206.8
27000	4535	1113	147.5	1134	153.8	1156	160.4	1179	167.4	1199	173.7	1220	180.4	1241	187.5	1261	194.0	1280	200.5	1320	214.6
28000	4703	1115	152.6	1138	159.5	1160	166.5	1181	173.1	1202	180.1	1224	187.2	1243	193.7	1263	200.6	1284	208.0	1321	221.5
29000	4871	1119	158.3	1142	165.3	1163	172.2	1185	179.5	1206	186.4	1226	193.3	1247	200.6	1267	207.9	1286	214.7	1325	229.3
30000	5038	1123	163.9	1145	171.0	1168	178.5	1188	185.4	1209	192.7	1231	200.4	1250	207.3	1269	214.5	1289	222.1	1327	236.5
31000	5206	1127	169.4	1150	177.1	1171	184.2	1192	191.8	1213	199.4	1233	206.6	1253	214.2	1274	222.1	1292	229.1	1331	244.5
32000	5374	1132	175.4	1153	182.7	1175	190.6	1196	198.1	1216	205.7	1237	213.6	1257	221.2	1276	228.7	1296	236.6	1334	251.9
33000	5542	1136	181.0	1158	189.0	1179	196.6	1200	204.5	1221	212.7	1241	220.2	1261	228.1	1281	236.5	1299	243.9	1338	260.0
34000	5710	1141	187.2	1162	194.9	1183	203.0	1205	211.1	1224	219.0	1245	227.2	1265	235.3	1284	243.2	1303	251.5	1341	267.6
36000	6046	1150	199.6	1171	207.7	1192	215.9	1214	224.5	1233	232.6	1253	241.2	1273	249.8	1292	258.0	1311	266.7		
38000	6382	1160	212.9	1182	221.3	1202	229.7	1223	238.5	1242	246.9	1262	255.7	1282	264.6	1300	273.2	1320	282.2		
40000	6718	1172	227.4	1192	235.9	1212	244.5	1233	253.4	1252	262.0	1272	271.1	1291	280.1	1310	289.0	1329	298.4		
42000	7054	1184	243.1	1204	251.8	1224	260.4	1244	269.4	1263	278.2	1282	287.4	1301	296.6	1319	305.7	1338	315.3		
44000	7390	1197	259.9	1216	268.7	1236	277.6	1255	286.7	1274	295.6	1293	305.0	1312	314.1	1330	323.5				

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

Model 32 Maximum RPM 1200



Maximum Belt Drive Motor HP 350

Size

37 SISW

Design 6610 LSR Industrial Centrifugal Fans

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
20000	2672	970	116.0	989	121.5	1010	127.4	1032	133.8	1054	140.5	1071	146.0	1089	151.8	1107	158.0	1126	164.5	1167	178.8
21000	2806	969	120.1	992	126.5	1013	132.7	1031	138.4	1051	144.4	1071	150.9	1092	157.8	1111	164.3	1127	170.1	1162	182.8
22000	2939	972	125.1	991	130.8	1012	136.9	1033	143.6	1054	150.4	1072	156.2	1090	162.4	1108	168.9	1128	175.8	1165	189.6
23000	3073	971	129.2	993	135.8	1014	142.5	1033	148.4	1052	154.8	1072	161.5	1093	168.8	1111	175.1	1128	181.3	1164	194.9
24000	3206	974	134.5	993	140.5	1014	146.9	1035	153.8	1055	160.8	1073	167.0	1091	173.5	1110	180.4	1130	187.8	1165	201.3
25000	3340	974	138.8	995	145.6	1016	152.6	1035	158.9	1054	165.6	1074	172.7	1095	180.2	1112	186.5	1129	193.2	1166	207.7
26000	3474	977	144.2	996	150.6	1016	157.3	1037	164.6	1057	171.7	1075	178.3	1093	185.2	1113	192.5	1132	200.3	1166	213.8
27000	3607	977	148.7	998	155.8	1019	163.2	1037	169.8	1057	176.9	1077	184.4	1096	191.8	1113	198.5	1131	205.7	1168	221.1
28000	3741	980	154.2	999	161.0	1019	168.1	1040	175.7	1059	183.0	1077	189.9	1096	197.3	1115	205.1	1134	212.8	1167	227.1
29000	3874	980	158.8	1001	166.4	1022	174.0	1040	181.0	1060	188.5	1080	196.4	1098	203.8	1116	211.0	1134	218.6	1171	234.9
30000	4008	983	164.4	1003	171.7	1023	179.1	1043	187.1	1062	194.6	1080	202.0	1099	209.8	1119	218.1	1136	225.6	1170	240.9
31000	4142	984	169.2	1005	177.2	1025	185.1	1044	192.5	1063	200.4	1083	208.9	1101	216.3	1118	224.0	1137	232.1	1172	248.3
32000	4275	988	174.9	1007	182.5	1027	190.4	1047	198.9	1065	206.6	1084	214.4	1103	222.7	1122	231.3	1138	238.8	1173	255.3
34000	4542	993	185.7	1012	193.7	1031	202.0	1052	210.9	1069	218.8	1088	227.1	1107	236.0	1125	244.3	1142	252.5	1177	270.2
36000	4810	998	196.7	1017	205.0	1036	213.8	1056	222.8	1074	231.2	1092	240.2	1112	249.5	1128	257.8	1146	266.6	1181	285.1
38000	5077	1003	207.8	1022	216.6	1042	226.0	1061	235.1	1079	244.0	1098	253.5	1116	262.7	1133	271.7	1150	281.1	1184	299.7
40000	5344	1009	219.0	1028	228.4	1048	238.3	1066	247.5	1084	257.1	1103	267.3	1120	276.3	1138	285.9	1156	296.0	1189	314.9
42000	5611	1015	230.7	1034	240.5	1054	250.7	1072	260.3	1090	270.5	1108	280.6	1126	290.3	1143	300.5	1161	310.9	1194	330.5
44000	5878	1021	242.8	1041	253.0	1059	263.3	1078	273.4	1097	284.2	1114	294.2	1131	304.6	1150	315.6	1166	325.6	1199	346.7
46000	6146	1028	255.6	1048	266.2	1066	276.5	1084	287.1	1103	297.9	1120	308.4	1138	319.4	1155	330.2	1171	340.8		
48000	6413	1036	269.2	1055	279.9	1073	290.4	1091	301.5	1109	312.1	1126	323.1	1144	334.6	1161	345.3	1178	356.5		
50000	6680	1044	283.8	1062	294.4	1080	305.2	1098	316.3	1116	327.2	1134	338.6	1150	349.8	1167	361.1	1184	373.0		
52000	6947	1053	299.4	1070	309.9	1089	321.0	1106	331.9	1123	343.2	1141	354.7	1157	365.9	1174	377.8	1191	389.4		
54000	7214	1061	315.5	1079	326.5	1097	337.6	1114	348.6	1132	360.3	1148	371.4	1165	383.2	1182	395.1	1197	406.7		
56000	7482	1070	332.6	1088	344.1	1105	355.1	1123	366.6	1139	378.0	1156	389.5	1173	401.5	1189	413.1				

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 = 71.25 in.

Outlet Area = 9.20 sq. ft. inside

Tip Speed, fpm = 18.65 x RPM



Model 32 Maximum RPM 1076

Maximum Belt Drive Motor HP 350

Size

41 SISW

Design 6610 LSR Industrial Centrifugal Fans

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
22000	2394	873	131.4	891	137.9	911	145.1	931	152.7	950	160.4	965	166.8	981	173.6	998	180.8	1015	188.5	1052	205.5
23000	2502	874	135.7	895	143.2	911	149.6	929	156.5	947	163.8	966	171.7	986	180.2	1001	193.8	1016	198.8		
24000	2611	874	139.6	893	146.7	913	154.4	932	162.2	948	168.9	965	175.9	982	183.5	1000	191.5	1019	200.1	1050	215.0
25000	2720	876	144.7	894	151.5	912	158.5	930	166.0	949	174.0	968	182.3	984	189.1	999	196.4	1016	204.1	1050	220.9
26000	2829	875	148.3	894	156.0	915	164.3	931	171.1	948	178.4	966	186.2	984	194.5	1003	203.4	1018	210.4	1049	225.6
27000	2938	877	153.5	894	160.5	913	168.1	932	176.2	951	184.6	967	191.7	983	199.3	1000	207.3	1018	215.8	1051	232.7
28000	3046	876	157.6	897	165.9	915	173.4	932	180.9	950	188.8	968	197.3	986	205.9	1002	213.3	1017	221.1	1050	238.1
29000	3155	878	162.5	896	170.1	915	178.3	935	187.0	951	194.4	967	202.2	985	210.5	1003	219.4	1020	228.2	1050	243.8
30000	3264	879	167.3	898	175.6	915	183.2	933	191.3	952	200.0	970	208.6	986	216.3	1002	224.5	1019	233.1	1053	251.5
32000	3482	881	177.4	899	185.4	917	193.6	936	202.4	954	211.4	970	219.4	987	227.8	1004	236.8	1022	246.3	1052	263.1
34000	3699	883	187.2	901	195.6	919	204.5	939	214.0	955	222.2	972	230.9	989	240.2	1007	250.0	1022	258.4	1053	276.3
36000	3917	885	197.2	904	206.2	923	215.8	940	224.7	957	233.7	974	243.2	992	253.2	1007	261.9	1023	271.0	1056	290.8
38000	4135	888	207.5	907	217.2	925	226.8	942	236.0	960	245.8	978	256.1	993	265.1	1009	274.6	1026	284.6	1058	304.4
40000	4352	892	218.2	911	228.5	928	237.9	945	247.9	963	258.5	979	267.9	995	277.8	1012	288.2	1029	298.8	1059	318.2
42000	4570	896	229.2	914	239.3	931	249.4	949	260.3	966	270.3	982	280.5	999	291.2	1016	302.0	1031	311.9	1062	333.3
44000	4787	900	240.2	917	250.5	935	261.5	952	272.2	969	282.6	986	293.7	1002	304.8	1018	315.1	1034	325.9	1065	348.3
46000	5005	903	251.1	921	262.2	939	273.6	956	284.3	973	295.6	990	307.1	1005	317.8	1021	329.0	1038	341.0	1067	

Size

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

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

Model 32 Maximum RPM 986
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
28000	2529	796	164.4	815	173.7	831	181.9	847	190.0	863	198.6	879	207.8	897	217.7	913	227.3	927	235.4	954	253.0
30000	2710	799	173.9	814	181.9	831	190.4	847	199.5	865	209.2	882	218.8	896	227.1	910	235.9	926	245.3	958	265.8
32000	2890	798	182.0	814	190.8	832	200.3	851	210.5	865	218.9	880	227.8	896	237.2	912	247.3	929	258.1	956	276.3
34000	3071	798	191.0	816	200.8	834	210.6	849	219.4	865	228.8	882	238.8	899	249.6	913	258.8	927	268.1	957	288.1
36000	3252	801	201.0	818	210.7	834	219.9	850	229.8	867	240.3	883	250.4	898	259.7	913	269.6	928	280.1	959	301.8
38000	3432	802	210.7	818	220.3	835	230.5	853	241.5	868	251.0	883	260.9	899	271.4	915	282.6	930	293.1	958	313.1
40000	3613	803	220.2	820	230.8	838	241.8	853	251.5	869	261.9	885	273.0	901	284.2	915	294.1	930	304.6	961	327.4
42000	3793	805	230.6	823	241.7	838	251.9	855	262.7	872	274.3	887	284.8	901	295.4	917	306.5	933	318.4	961	340.1
44000	3974	808	241.2	824	251.8	841	263.0	858	275.0	872	285.4	888	296.5	904	308.3	919	320.2	933	330.9	962	353.9
46000	4155	810	251.1	826	262.7	843	274.7	859	285.7	874	297.3	891	309.7	905	320.9	920	332.2	935	344.2	964	368.5
48000	4335	812	261.9	829	274.1	845	285.5	861	297.6	877	310.2	892	321.5	907	333.4	922	346.1	937	358.5	965	382.0
50000	4516	816	273.0	831	284.7	848	297.3	864	309.9	879	321.7	894	334.2	910	347.5	924	359.2	938	371.4	968	397.9
52000	4697	818	283.4	834	296.3	851	309.1	866	321.4	882	334.5	897	347.5	911	359.8	926	372.7	941	386.4	969	411.3
54000	4877	821	294.7	837	307.9	853	320.6	869	334.1	884	347.1	899	359.9	914	373.5	929	387.1	943	399.7	972	426.9
56000	5058	824	306.0	840	319.1	857	333.1	872	346.3	887	359.6	902	373.8	917	387.1	931	400.3	946	414.4	973	441.6
58000	5239	827	317.0	844	331.4	859	344.9	875	358.7	891	373.4	905	386.6	919	400.6	935	415.3	948	428.9	976	457.0
60000	5419	831	328.9	847	342.9	862	357.2	878	372.0	893	385.7	908	400.3	923	415.2	937	428.9	951	443.4	979	472.6
62000	5600	834	340.4	850	355.0	866	370.0	881	384.2	896	399.4	911	414.1	925	428.5	940	443.7	954	458.8	981	488.0
64000	5780	838	352.5	854	367.6	869	382.2	885	397.8	899	412.6	914	427.6	929	443.5	943	458.2	957	473.2	985	504.4
66000	5961	842	365.2	857	380.0	873	395.7	888	410.7	903	426.2	918	442.2	932	457.2	946	472.9	961	489.3		
68000	6142	845	377.8	861	393.5	876	408.6	891	424.4	906	440.4	921	455.8	935	472.2	950	488.1	963	503.7		
70000	6322	850	391.5	865	406.7	880	422.6	895	438.5	910	454.3	925	471.0	939	486.7	953	503.0	967	520.1		
74000	6684	858	420.1	873	435.7	888	451.7	903	468.1	917	484.2	932	501.2	946	517.7	960	534.4	974	552.0		
78000	7045	868	451.2	883	467.3	897	483.4	912	500.1	926	516.4	940	533.6	954	550.6	967	567.6	981	585.6		
82000	7406	878	484.8	893	501.4	907	517.8	921	534.8	935	551.3	949	568.7	962	585.9	976	603.2				

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

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

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

Model 32 Maximum RPM 907
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
34000	2590	731	198.1	747	208.5	764	219.7	779	229.9	793	239.6	807	249.9	822	260.8	837	272.6	853	285.2	878	305.1
36000	2742	733	207.5	749	218.1	763	227.9	778	238.4	794	249.6	808	261.6	824	272.2	837	282.3	850	293.1	878	316.6
38000	2895	733	216.1	748	226.5	764	237.7	781	249.7	795	259.9	808	270.4	823	281.6	838	293.5	853	306.2	878	328.0
40000	3047	733	225.1	750	237.0	765	247.8	780	258.4	795	269.7	810	281.9	825	294.1	838	304.7	851	315.8	879	340.1
42000	3199	735	235.4	750	246.0	765	257.3	781	269.4	797	281.5	810	292.3	824	303.8	838	316.0	853	329.0	879	352.4
44000	3352	735	244.2	751	256.1	768	268.7	782	279.6	796	291.3	811	303.7	827	316.9	840	328.2	853	339.8	880	365.0
46000	3504	737	254.5	753	266.5	767	278.1	783	290.5	799	303.7	812	315.3	826	327.1	840	339.8	855	353.1	881	378.0
48000	3656	738	264.2	753	276.4	770	289.5	784	301.9	798	313.9	813	326.6	828	340.2	842	352.9	855	365.0	882	391.3
50000	3809	740	274.3	756	287.8	770	299.8	785	312.6	800	326.2	815	339.1	828	351.5	842	364.6	856	378.5	882	404.8
52000	3961	742	285.0	757	297.6	772	311.0	787	324.8	801	337.3	815	350.6	830	364.7	844	378.4	857	391.1	883	418.6
54000	4113	743	294.9	759	309.0	774	322.2	788	335.5	803	349.6	818	363.8	831	376.7	844	390.4	858	404.9	885	432.6
56000	4266	746	306.3	760	319.4	775	333.3	791	348.2	804	361.5	818	375.3	833	390.0	847	404.6	859	418.0	886	446.9
58000	4418	747	316.2	762	330.7	778	345.3	792	359.1	806	373.7	821	389.0	834	402.6	847	416.9	861	432.2	887	461.1
60000	4571	750	327.4	764	341.9	779	356.3	794	371.8	808	386.2	822	400.7	836	416.0	850	431.4	862	445.6	889	476.1
62000	4723	751	338.0	767	353.1	782	368.8	796	383.2	810	398.6	825	414.7	837	429.0	851	444.1	865	460.1	890	490.4
64000	4875	754	349.3	769	364.8	783	379.9	798	396.0	812	411.4	826	426.6	840	442.7	853	458.8	866	473.7	892	506.0
66000	5028	756	360.4	771	376.1	786	392.8	800	407.9	814	424.0	829	440.9	841	456.0	855	471.9	868	488.8	894	520.4
70000	5332	761	383.2	776	399.6	791	417.2	805	433.1	819	450.0	833	467.6	846	483.5	859	500.4	873	518.1	897	551.0
74000	5637	767	406.7	781	423.8	796	442.0	810	458.8	824	476.5	838	494.7	850	511.6	864	529				

Wheel Diameter = 19.125 in.

Outlet Area = 0.66 sq. ft. inside

Tip Speed, fpm = 5.01 x RPM

Model 32 Maximum RPM 4005[†]

Maximum Belt Drive Motor HP 40



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
1500	2264	3292	9.5	3356	10.0	3424	10.5	3494	11.0	3568	11.7	3645	12.3	3721	13.0	3775	13.5	3830	14.0	3947	15.2
1600	2415	3280	9.7	3357	10.3	3438	10.9	3506	11.5	3566	12.0	3629	12.5	3694	13.1	3762	13.7	3832	14.4	3971	15.8
1700	2566	3292	10.1	3357	10.6	3424	11.2	3494	11.7	3567	12.3	3643	13.0	3708	13.6	3765	14.1	3823	14.7	3945	16.0
1800	2717	3282	10.4	3357	11.0	3436	11.6	3503	12.2	3564	12.7	3628	13.3	3694	13.9	3763	14.5	3835	15.2	3954	16.5
1900	2868	3296	10.9	3359	11.4	3426	11.9	3495	12.5	3568	13.1	3644	13.8	3702	14.4	3760	14.9	3821	15.5	3948	16.9
2000	3019	3287	11.2	3360	11.8	3437	12.4	3503	13.0	3565	13.6	3630	14.2	3697	14.8	3766	15.4	3838	16.2	3947	17.3
2100	3170	3300	11.7	3365	12.3	3431	12.8	3500	13.4	3572	14.1	3643	14.7	3701	15.3	3760	15.9	3822	16.5	3953	17.9
2200	3321	3296	12.1	3368	12.7	3443	13.4	3508	14.0	3570	14.5	3635	15.1	3702	15.8	3773	16.5	3833	17.1	3946	18.3
2300	3471	3309	12.7	3374	13.2	3440	13.8	3509	14.4	3581	15.1	3645	15.7	3704	16.3	3765	16.9	3828	17.6	3962	19.1
2400	3622	3309	13.1	3380	13.7	3454	14.4	3516	15.0	3579	15.6	3644	16.2	3712	16.9	3778	17.6	3834	18.2	3951	19.5
2500	3773	3323	13.7	3388	14.3	3453	14.9	3521	15.5	3593	16.2	3652	16.8	3712	17.5	3774	18.1	3838	18.8	3960	20.2
2600	3924	3326	14.1	3396	14.8	3467	15.5	3528	16.1	3591	16.7	3657	17.4	3725	18.2	3783	18.8	3840	19.4	3961	20.8
2700	4075	3342	14.7	3405	15.3	3470	16.0	3538	16.7	3605	17.4	3663	18.0	3724	18.7	3787	19.4	3853	20.2	3965	21.5
2800	4226	3348	15.2	3417	15.9	3484	16.6	3545	17.2	3608	17.9	3674	18.7	3738	19.4	3794	20.0	3853	20.7	3976	22.2
2900	4377	3364	15.8	3427	16.4	3492	17.1	3560	17.9	3621	18.6	3680	19.3	3742	20.0	3805	20.8	3866	21.5	3977	22.9
3000	4528	3374	16.3	3443	17.0	3505	17.7	3566	18.4	3630	19.2	3697	20.0	3753	20.7	3810	21.4	3870	22.1	3991	23.7
3200	4830	3405	17.4	3471	18.2	3531	18.9	3593	19.7	3657	20.5	3716	21.2	3773	22.0	3832	22.8	3893	23.6	4004	25.1
3400	5132	3439	18.5	3501	19.3	3561	20.1	3624	20.9	3685	21.8	3741	22.5	3799	23.3	3859	24.2	3918	25.1		
3600	5434	3474	19.7	3533	20.5	3595	21.4	3659	22.3	3714	23.0	3771	23.9	3831	24.8	3889	25.7	3942	26.5		
3800	5735	3507	20.9	3568	21.8	3632	22.7	3689	23.5	3746	24.4	3805	25.3	3864	26.2	3917	27.1	3971	28.0		
4000	6037	3543	22.2	3606	23.1	3666	24.0	3723	24.9	3783	25.8	3842	26.8	3895	27.6	3949	28.6				
4200	6339	3580	23.5	3643	24.4	3701	25.4	3761	26.3	3821	27.3	3874	28.2	3929	29.2	3986	30.8				
4400	6641	3619	24.9	3678	25.8	3738	26.8	3800	27.8	3854	28.8	3910	29.7	3968	30.8						
4600	6943	3653	26.3	3714	27.3	3777	28.3	3833	29.3	3890	30.3	3949	31.4	4003	32.4						
4800	7245	3688	27.7	3752	28.8	3810	29.8	3869	30.9	3929	32.0	3983	33.0								

Power rating (BHP) does not include drive losses.

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

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

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

Wheel Diameter = 22.625 in.

Outlet Area = 0.93 sq. ft. inside

Tip Speed, fpm = 5.92 x RPM



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
2300	2485	2777	13.8	2836	14.5	2899	15.3	2965	16.2	3028	17.1	3077	17.8	3127	18.6	3180	19.4	3234	20.3	3349	22.2
2400	2594	2786	14.2	2843	15.0	2898	15.7	2955	16.5	3015	17.3	3078	18.2	3143	19.2	3189	19.9	3237	20.7	3337	22.4
2500	2702	2777	14.5	2842	15.3	2910	16.2	2962	16.9	3015	17.7	3069	18.5	3127	19.3	3186	20.3	3248	21.3	3344	22.9
2600	2810	2782	14.9	2839	15.7	2899	16.5	2962	17.3	3027	18.2	3076	19.0	3127	19.8	3179	20.6	3234	21.5	3349	23.4
2700	2918	2784	15.3	2848	16.2	2902	16.9	2957	17.7	3016	18.5	3076	19.4	3140	20.4	3187	21.1	3235	21.9	3337	23.7
2800	3026	2781	15.7	2843	16.5	2908	17.4	2965	18.2	3017	19.0	3071	19.8	3128	20.7	3186	21.6	3247	22.6	3340	24.2
2900	3134	2789	16.2	2845	17.0	2903	17.8	2963	18.6	3027	19.6	3078	20.4	3129	21.2	3181	22.0	3235	22.9	3350	24.9
3000	3242	2788	16.6	2854	17.5	2908	18.3	2963	19.1	3019	19.9	3079	20.8	3140	21.8	3187	22.6	3236	23.4	3339	25.2
3200	3458	2800	17.6	2854	18.4	2911	19.2	2969	20.1	3031	21.1	3083	21.9	3133	22.7	3186	23.6	3240	24.5	3351	26.5
3400	3674	2803	18.6	2861	19.4	2921	20.3	2980	21.3	3031	22.1	3084	22.9	3139	23.9	3196	24.9	3249	25.8	3344	27.6
3600	3890	2813	19.6	2874	20.5	2930	21.4	2983	22.3	3038	23.2	3095	24.2	3150	25.2	3198	26.0	3248	26.9	3353	28.9
3800	4106	2829	20.7	2884	21.6	2938	22.5	2994	23.5	3053	24.5	3102	25.4	3153	26.3	3205	27.3	3259	28.3	3358	30.2
4000	4323	2841	21.7	2896	22.7	2953	23.7	3008	24.7	3059	25.6	3111	26.6	3165	27.6	3220	28.7	3266	29.6	3363	31.6
4200	4539	2856	22.8	2914	23.8	2967	24.8	3019	25.8	3072	26.9	3128	28.0	3176	28.9	3225	29.9	3275	31.0	3378	33.2
4400	4755	2877	23.9	2929	24.9	2981	26.0	3036	27.1	3089	28.2	3137	29.2	3188	30.2	3240	31.4	3291	32.5	3383	34.5
4600	4971	2893	25.0	2947	26.1	3003	27.3	3052	28.3	3102	29.4	3154	30.5	3207	31.7	3253	32.7	3300	33.8	3399	36.1
4800	5187	2914	26.1	2969	27.3	3018	28.4	3070	29.5	3123	30.7	3172	31.9	3219	33.0	3268	34.1	3319	35.4		
5000	5403	2935	27.3	2986	28.5	3039	29.7	3092	30.9	3139	32.0	3189	33.2	3240	34.4	3287	35.6	3332	36.7		
5200	5619	2955	28.5	3010	29.8	3060	30.9	3109	32.1	3161	33.4	3211	34.6	3256	35.8	3303	37.0	3352	38.3		
5																					

Size

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

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

Model 32 Maximum RPM 2977
Maximum Belt Drive Motor HP 75

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
3200	2597	2414	19.0	2465	19.9	2512	20.9	2561	21.9	2613	23.0	2667	24.2	2723	25.5	2765	26.5	2806	27.6	2892	29.8
3400	2760	2407	19.6	2460	20.6	2515	21.7	2573	22.9	2617	23.9	2662	24.9	2708	26.0	2756	27.2	2806	28.4	2906	31.0
3600	2922	2412	20.4	2469	21.6	2515	22.5	2563	23.6	2613	24.7	2666	25.9	2720	27.1	2762	28.2	2804	29.2	2892	31.6
3800	3084	2413	21.3	2464	22.3	2516	23.4	2572	24.6	2620	25.7	2664	26.7	2710	27.8	2758	29.0	2807	30.3	2900	32.7
4000	3247	2416	22.2	2473	23.3	2521	24.4	2568	25.4	2617	26.6	2668	27.8	2721	29.1	2763	30.1	2805	31.2	2894	33.6
4200	3409	2422	23.1	2471	24.2	2522	25.3	2575	26.5	2624	27.7	2668	28.8	2714	29.9	2761	31.1	2810	32.4	2899	34.8
4400	3571	2425	24.1	2479	25.3	2529	26.4	2575	27.5	2623	28.7	2673	29.9	2725	31.2	2766	32.3	2808	33.4	2898	35.9
4600	3734	2434	25.1	2482	26.2	2531	27.4	2583	28.7	2632	29.9	2675	31.0	2721	32.2	2768	33.4	2817	34.8	2901	37.2
4800	3896	2438	26.1	2491	27.3	2540	28.6	2586	29.7	2633	30.9	2682	32.2	2731	33.5	2772	34.7	2815	35.9	2905	38.5
5000	4058	2449	27.2	2496	28.4	2544	29.6	2595	30.9	2642	32.2	2685	33.4	2731	34.6	2777	36.0	2826	37.4	2907	39.8
5200	4221	2455	28.2	2506	29.5	2554	30.8	2599	32.0	2646	33.3	2695	34.7	2740	36.0	2782	37.2	2825	38.5	2916	41.3
5400	4383	2468	29.3	2513	30.6	2561	31.9	2610	33.3	2656	34.6	2699	35.9	2744	37.2	2791	38.6	2836	40.0	2916	42.6
5600	4545	2475	30.3	2525	31.8	2572	33.1	2616	34.4	2663	35.8	2711	37.3	2753	38.6	2795	39.9	2838	41.3	2928	44.2
5800	4708	2489	31.5	2534	32.8	2581	34.3	2630	35.8	2673	37.1	2716	38.4	2761	39.9	2807	41.4	2848	42.8	2930	45.5
6000	4870	2499	32.6	2549	34.1	2593	35.5	2637	36.9	2683	38.4	2729	39.9	2770	41.2	2812	42.7	2856	44.2	2940	47.1
6200	5032	2513	33.7	2558	35.2	2605	36.7	2651	38.2	2693	39.6	2737	41.1	2782	42.7	2825	44.2	2864	45.6	2947	48.6
6400	5195	2526	34.9	2574	36.4	2617	37.9	2661	39.4	2707	41.0	2749	42.5	2790	43.9	2833	45.5	2877	47.1	2956	50.1
6600	5357	2539	36.0	2584	37.6	2632	39.2	2675	40.7	2717	42.2	2761	43.8	2806	45.5	2844	46.9	2884	48.5	2969	51.8
6800	5519	2554	37.3	2599	38.8	2643	40.4	2688	42.0	2732	43.6	2773	45.2	2814	46.8	2857	48.4	2899	50.1	2976	53.2
7000	5682	2567	38.4	2613	40.1	2659	41.7	2700	43.3	2743	44.9	2788	46.6	2828	48.2	2868	49.8	2908	51.5		
7400	6006	2595	40.9	2642	42.7	2685	44.3	2728	46.0	2772	47.8	2814	49.5	2853	51.1	2894	52.8	2936	54.7		
7800	6331	2625	43.6	2671	45.4	2713	47.1	2757	48.9	2801	50.7	2840	52.4	2881	54.2	2923	56.0	2962	57.8		
8200	6656	2655	46.4	2698	48.1	2742	50.0	2788	51.9	2828	53.6	2869	55.4	2911	57.4	2950	59.2				
8600	6980	2682	49.2	2727	51.1	2772	53.0	2815	54.9	2856	56.7	2899	58.7	2939	60.6						
9000	7305	2710	52.1	2756	54.1	2800	56.1	2842	58.0	2885	60.0	2927	62.0	2966	63.9						

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

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

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

Model 32 Maximum RPM 2597
Maximum Belt Drive Motor HP 100

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
4000	2520	2093	21.9	2137	22.9	2182	24.1	2229	25.3	2278	26.7	2318	27.8	2354	28.8	2391	30.0	2430	31.2	2513	33.8
4200	2646	2097	22.7	2147	24.0	2186	25.0	2227	26.1	2269	27.3	2313	28.5	2359	29.9	2405	31.3	2439	32.4	2510	34.7
4400	2772	2095	23.4	2141	24.6	2188	25.9	2238	27.2	2275	28.3	2314	29.5	2353	30.6	2394	31.9	2437	33.3	2523	36.1
4600	2898	2104	24.5	2146	25.6	2187	26.7	2230	27.9	2275	29.2	2322	30.6	2362	31.9	2398	33.0	2435	34.2	2513	36.8
4800	3024	2100	25.2	2147	26.4	2197	27.8	2236	29.0	2275	30.1	2316	31.4	2359	32.7	2403	34.2	2446	35.6	2515	38.0
5000	3150	2107	26.1	2148	27.3	2192	28.6	2237	29.9	2285	31.3	2322	32.5	2360	33.7	2399	35.0	2439	36.4	2525	39.4
5200	3276	2107	27.0	2156	28.4	2198	29.6	2238	30.8	2280	32.1	2323	33.5	2369	35.0	2406	36.3	2442	37.5	2517	40.2
5400	3402	2111	27.9	2154	29.2	2200	30.6	2247	32.0	2285	33.3	2324	34.5	2364	35.9	2406	37.3	2450	38.9	2521	41.5
5600	3528	2117	28.9	2161	30.2	2202	31.5	2244	32.9	2288	34.3	2333	35.8	2369	37.1	2407	38.4	2445	39.8	2527	42.9
5800	3654	2118	29.7	2163	31.2	2211	32.7	2250	34.0	2289	35.3	2330	36.7	2373	38.3	2416	39.8	2451	41.1	2524	43.9
6000	3780	2127	30.8	2167	32.1	2210	33.5	2254	35.1	2298	36.6	2335	37.9	2373	39.3	2413	40.8	2455	42.4	2530	45.3
6400	4032	2134	32.7	2177	34.2	2221	35.7	2264	37.3	2302	38.7	2342	40.2	2383	41.7	2425	43.4	2462	44.8	2533	47.8
6800	4284	2145	34.7	2189	36.3	2233	37.9	2271	39.4	2311	40.9	2353	42.6	2395	44.3	2430	45.7	2467	47.3	2544	50.6
7200	4536	2159	36.7	2204	38.5	2242	40.0	2282	41.6	2324	43.4	2365	45.0	2401	46.6	2439	48.2	2478	50.0	2552	53.4
7600	4788	2176	38.9	2215	40.5	2255	42.2	2297	44.0	2337	45.7	2374	47.4	2412	49.1	2452	50.9	2490	52.7	2559	56.0
8000	5040	2189	40.9	2229	42.7	2271	44.6	2311	46.3	2348	48.0	2387	49.9	2428	51.8	2463	53.5	2499	55.3	2573	59.0
8400	5291	2204	43.1	2247	45.0	2286	46.8	2324	48.6	2364	50.6	2404	52.5	2439	54.3	2475	56.1	2513	58.1	2584	61.9
8800	5543	2222	45.4	2262	47.3	2301	49.2	2341	51.2	2380	53.1	2416	55.0	2453	56.9	2492	59.0	2527	60.9	2596	64.7
9200	5795	2240	47.7	2279	49.6	2319	51.7	2358	53.7	2395	55.6	2433	57.7	2472	59.8	2505	61.7	2540	63.7	2559	66.7
9600	6047																				

Wheel Diameter = 33.00 in.

Outlet Area = 1.97 sq. ft. inside

Tip Speed, fpm = 8.64 x RPM

Model 32 Maximum RPM 2324

Maximum Belt Drive Motor HP 125



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
5000	2522	1873	27.3	1912	28.7	1952	30.1	1994	31.6	2038	33.3	2074	34.7	2106	36.0	2140	37.4	2175	38.9	2248	42.2
5200	2622	1878	28.2	1919	29.7	1954	31.0	1992	32.4	2030	33.9	2071	35.5	2113	37.2	2149	38.7	2180	40.1	2245	43.0
5400	2723	1874	28.9	1917	30.4	1961	32.1	1998	33.5	2032	34.8	2068	36.3	2106	37.8	2145	39.5	2185	41.3	2251	44.3
5600	2824	1878	29.8	1916	31.2	1956	32.7	1998	34.3	2041	36.1	2074	37.4	2107	38.8	2142	40.4	2178	42.0	2254	45.5
5800	2925	1881	30.7	1922	32.2	1958	33.6	1996	35.1	2035	36.7	2075	38.4	2116	40.2	2148	41.6	2180	43.1	2248	46.3
6000	3026	1879	31.4	1921	33.0	1965	34.8	2000	36.2	2036	37.7	2072	39.2	2110	40.9	2150	42.7	2189	44.5	2250	47.4
6400	3228	1886	33.3	1927	35.0	1963	36.4	2001	38.0	2040	39.7	2081	41.5	2117	43.2	2149	44.7	2183	46.3	2254	49.8
6800	3429	1891	35.1	1928	36.7	1968	38.4	2009	40.2	2046	41.9	2080	43.5	2116	45.1	2152	46.9	2190	48.8	2258	52.3
7200	3631	1895	36.9	1936	38.7	1977	40.6	2011	42.2	2048	43.9	2085	45.7	2124	47.6	2160	49.4	2191	51.0	2258	54.6
7600	3833	1904	39.0	1942	40.7	1979	42.5	2017	44.3	2056	46.2	2093	48.0	2126	49.7	2160	51.5	2196	53.5	2267	57.4
8000	4034	1910	40.9	1948	42.7	1987	44.6	2026	46.6	2060	48.3	2095	50.2	2132	52.1	2170	54.2	2203	56.1	2267	59.7
8400	4236	1917	42.8	1958	44.9	1994	46.8	2030	48.6	2067	50.6	2105	52.7	2139	54.6	2172	56.5	2206	58.5	2277	62.7
8800	4438	1929	45.0	1965	46.9	2002	48.9	2040	51.0	2076	53.0	2110	54.9	2144	57.0	2180	59.1	2216	61.3	2278	65.2
9200	4640	1936	46.9	1974	49.0	2014	51.3	2047	53.2	2082	55.3	2119	57.4	2155	59.7	2187	61.6	2219	63.7	2288	68.1
9600	4841	1948	49.1	1985	51.2	2020	53.3	2057	55.5	2095	57.9	2127	59.9	2160	62.0	2195	64.2	2230	66.6	2292	70.8
10000	5043	1958	51.2	1995	53.4	2032	55.7	2068	57.9	2101	60.1	2136	62.3	2172	64.8	2204	66.9	2236	69.1	2302	73.8
10500	5295	1972	53.9	2010	56.3	2046	58.6	2080	60.8	2115	63.2	2151	65.7	2182	67.9	2215	70.2	2248	72.6	2312	77.3
11000	5547	1989	56.7	2025	59.1	2059	61.5	2095	63.9	2130	66.4	2162	68.7	2195	71.2	2230	73.7	2262	76.2	2323	80.9
11500	5799	2004	59.6	2039	62.0	2075	64.6	2110	67.1	2143	69.5	2177	72.1	2212	74.8	2242	77.1	2273	79.6		
12000	6052	2019	62.6	2056	65.2	2091	67.7	2124	70.3	2159	72.9	2193	75.6	2224	78.0	2256	80.7	2289	83.4		
12500	6304	2037	65.7	2072	68.3	2106	70.9	2141	73.7	2174	76.3	2206	78.9	2239	81.7	2273	84.5	2302	87.0		
13000	6556	2053	68.9	2088	71.5	2124	74.4	2157	77.0	2190	79.8	2224	82.6	2255	85.4	2286	88.0	2317	90.9		
13500	6808	2069	72.1	2106	75.0	2139	77.7	2173	80.6	2208	83.5	2239	86.2	2270	89.0	2303	92.0				
14000	7060	2088	75.6	2121	78.4	2156	81.3	2191	84.3	2222	87.1	2255	90.0	2289	93.1	2318	95.9				
14500	7312	2103	79.0	2139	82.0	2173	85.0	2206	87.9	2240	91.0	2272	94.0	2303	96.9						

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.

Wheel Diameter = 36.50 in.

Outlet Area = 2.41 sq. ft. inside

Tip Speed, fpm = 9.56 x RPM



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
6000	2477	1693	32.9	1729	34.6	1768	36.4	1808	38.4	1842	40.2	1872	41.7	1903	43.4	1935	45.2	1968	47.1	2039	51.3
6500	2683	1696	34.9	1736	36.9	1773	38.7	1804	40.3	1837	42.0	1871	43.9	1907	45.9	1944	48.0	1979	50.1	2034	53.5
7000	2890	1704	37.3	1737	38.9	1770	40.7	1805	42.5	1842	44.5	1881	46.7	1911	48.5	1941	50.2	1971	52.1	2035	56.1
7500	3096	1702	39.2	1738	41.0	1775	43.0	1814	45.2	1846	47.0	1877	48.8	1909	50.8	1942	52.8	1977	55.0	2041	59.2
8000	3303	1706	41.4	1744	43.5	1781	45.6	1813	47.4	1846	49.4	1880	51.5	1916	53.7	1950	55.9	1978	57.7	2038	61.8
8500	3509	1714	43.9	1748	45.9	1782	47.8	1817	49.9	1853	52.2	1887	54.4	1917	56.3	1948	58.3	1980	60.5	2047	65.2
9000	3715	1718	46.2	1752	48.2	1788	50.5	1825	52.8	1856	54.8	1888	56.9	1920	59.1	1955	61.5	1988	63.8	2045	68.0
9500	3922	1723	48.5	1761	50.9	1795	53.1	1827	55.2	1860	57.5	1895	59.9	1929	62.3	1958	64.4	1988	66.6	2051	71.4
10000	4128	1733	51.2	1766	53.4	1799	55.6	1834	58.0	1870	60.6	1899	62.7	1930	65.0	1962	67.4	1995	69.9	2054	74.6
10500	4335	1739	53.5	1773	55.9	1809	58.5	1842	60.9	1873	63.2	1905	65.6	1939	68.2	1970	70.7	1999	73.0	2059	77.9
11000	4541	1748	56.1	1784	58.8	1815	61.1	1848	63.6	1882	66.2	1915	68.8	1944	71.2	1974	73.7	2006	76.3	2066	81.5
11500	4747	1758	58.8	1791	61.2	1824	63.9	1859	66.7	1889	69.1	1920	71.7	1952	74.4	1985	77.2	2013	79.7	2071	84.8
12000	4954	1767	61.3	1801	64.1	1835	66.8	1865	69.4	1897	72.1	1931	75.0	1960	77.6	1989	80.2	2020	82.9	2081	88.7
12500	5160	1779	64.1	1811	66.8	1843	69.5	1876	72.4	1908	75.3	1938	77.9	1968	80.7	2000	83.7	2030	86.5	2085	92.0
13000	5367	1789	66.8	1822	69.6	1856	72.7	1886	75.4	1916	78.2	1948	81.2	1979	84.2	2007	86.9	2036	89.8	2097	96.0
13500	5573	1800	69.6	1834	72.6	1864	75.5	1896	78.5	1929	81.6	1958	84.4	1987	87.3	2018	90.4	2048	93.6	2103	99.3
14000	5779	1812	72.5	1844	75.5	1877	78.7	1908	81.6	1938	84.6	1969	87.8	2000	91.0	2027	93.8	2059	96.9		
14500	5986	1823	75.5	1857	78.7	1887	81.7	1919	84.8	1951	88.1	1979	91.1	2008	94.2	2038	97.5	2068	100.8		
15000	6192	1836	78.6	1867	81.7	1900	85.0	1931	88.2	1960	91.3	1991	94.6	2021	98.0	2049	101.0	20			

Size

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

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

Model 32 Maximum RPM 1932
Maximum Belt Drive Motor HP 200

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
7000	2420	1551	39.8	1588	42.0	1626	44.3	1654	46.2	1683	48.1	1713	50.2	1745	52.4	1778	54.8	1812	57.3	1871	61.9
7500	2593	1556	42.1	1586	44.0	1618	46.0	1651	48.2	1686	50.6	1722	53.2	1751	55.3	1778	57.3	1805	59.4	1863	64.0
8000	2766	1552	43.9	1587	46.2	1624	48.6	1657	50.9	1685	52.9	1715	55.1	1745	57.4	1777	59.8	1810	62.4	1869	67.2
8500	2939	1558	46.3	1591	48.6	1622	50.7	1653	53.0	1686	55.4	1720	58.0	1753	60.5	1779	62.6	1806	64.8	1864	69.7
9000	3112	1557	48.4	1590	50.7	1625	53.2	1661	55.8	1689	58.0	1718	60.3	1748	62.7	1779	65.2	1811	67.9	1868	73.0
9500	3285	1561	50.7	1598	53.4	1627	55.6	1657	58.0	1689	60.5	1722	63.1	1755	65.9	1782	68.2	1809	70.6	1866	75.7
10000	3457	1565	53.1	1596	55.5	1629	58.0	1663	60.8	1694	63.4	1723	65.7	1752	68.3	1782	70.9	1814	73.8	1870	79.0
10500	3630	1568	55.4	1603	58.1	1634	60.7	1664	63.2	1695	65.8	1727	68.6	1760	71.6	1786	74.0	1813	76.6	1870	82.0
11000	3803	1575	58.0	1605	60.5	1636	63.2	1669	66.0	1701	68.9	1729	71.4	1758	74.1	1788	76.9	1819	79.9	1874	85.4
11500	3976	1578	60.2	1611	63.1	1644	66.0	1672	68.6	1702	71.4	1733	74.3	1766	77.5	1792	80.1	1819	82.8	1876	88.7
12000	4149	1586	63.0	1616	65.6	1646	68.5	1678	71.5	1710	74.5	1737	77.2	1766	80.1	1795	83.1	1826	86.3	1879	92.0
12500	4322	1590	65.2	1622	68.3	1655	71.4	1683	74.2	1712	77.1	1743	80.3	1774	83.5	1800	86.3	1827	89.2	1884	95.5
13000	4495	1599	68.0	1629	70.9	1659	73.9	1690	77.1	1720	80.3	1748	83.2	1776	86.3	1805	89.5	1835	92.9	1887	98.8
13500	4668	1605	70.4	1636	73.6	1668	76.9	1696	79.9	1724	83.0	1755	86.4	1784	89.7	1810	92.7	1837	95.8	1894	102.6
14000	4840	1615	73.2	1644	76.3	1673	79.5	1704	82.9	1733	86.2	1760	89.3	1788	92.6	1817	96.1	1846	99.6	1897	105.8
14500	5013	1621	75.6	1652	79.1	1683	82.5	1710	85.7	1739	89.1	1769	92.7	1796	96.0	1822	99.2	1849	102.6	1906	109.9
15000	5186	1632	78.6	1660	81.8	1689	85.2	1720	88.9	1748	92.2	1775	95.6	1802	99.1	1831	102.8	1857	106.2	1909	113.1
15500	5359	1639	81.2	1670	84.8	1699	88.3	1727	91.7	1755	95.3	1785	99.1	1810	102.4	1837	105.9	1864	109.6	1917	116.9
16000	5532	1650	84.2	1678	87.6	1707	91.2	1738	95.0	1764	98.4	1791	102.0	1819	105.8	1847	109.6	1871	113.1	1923	120.5
16500	5705	1658	87.0	1689	90.8	1717	94.3	1745	97.9	1773	101.8	1801	105.5	1827	109.1	1853	112.8	1881	116.8	1931	124.2
17000	5878	1669	90.1	1697	93.7	1727	97.6	1755	101.3	1782	104.9	1809	108.8	1837	112.8	1862	116.5	1888	120.2		
17500	6050	1678	93.2	1708	97.1	1735	100.7	1764	104.6	1793	108.6	1818	112.2	1844	116.1	1872	120.1	1898	124.2		
18000	6223	1688	96.5	1717	100.3	1747	104.3	1773	108.0	1800	111.8	1828	115.9	1855	119.8	1880	123.7	1906	127.7		
19000	6569	1707	103.3	1737	107.2	1765	111.2	1792	115.1	1820	119.2	1848	123.4	1873	127.2	1899	131.3	1925	135.6		
20000	6915	1726	110.5	1757	114.7	1784	118.6	1812	122.7	1841	127.1	1866	131.0	1892	135.2	1919	139.5				

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

Model 32 Maximum RPM 1703
Maximum Belt Drive Motor HP 200

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	RPM	BHP																			
9500	2570	1375	53.3	1402	55.8	1431	58.5	1461	61.3	1493	64.4	1524	67.6	1547	70.0	1571	72.6	1596	75.4	1649	81.4
10000	2706	1374	55.2	1407	58.3	1436	61.1	1462	63.7	1498	66.4	1517	69.3	1546	72.4	1576	75.7	1604	78.9	1649	84.2
10500	2841	1375	57.4	1404	60.2	1433	63.1	1465	66.2	1496	69.5	1520	72.1	1545	74.8	1571	77.7	1598	80.8	1655	87.6
11000	2976	1377	59.7	1410	62.9	1436	65.6	1463	68.4	1491	71.4	1520	74.6	1550	78.0	1576	81.0	1599	83.8	1648	89.8
11500	3111	1378	61.8	1407	64.8	1437	67.9	1469	71.4	1494	74.1	1520	77.0	1546	80.1	1573	83.3	1602	86.8	1653	93.2
12000	3247	1382	64.3	1411	67.4	1438	70.3	1466	73.3	1495	76.6	1525	80.2	1550	83.2	1575	86.2	1599	89.3	1652	96.1
12500	3382	1382	66.4	1411	69.6	1442	73.0	1470	76.2	1495	79.2	1522	82.4	1550	85.8	1579	89.4	1605	92.8	1651	98.9
13000	3517	1388	69.1	1414	72.1	1442	75.2	1470	78.6	1500	82.2	1526	85.5	1551	88.6	1577	91.8	1603	95.3	1658	102.8
13500	3653	1387	71.1	1417	74.6	1447	78.1	1473	81.2	1499	84.6	1527	88.1	1556	91.8	1581	95.2	1605	98.4	1654	105.3
14000	3788	1392	73.8	1419	77.0	1447	80.4	1477	84.1	1504	87.6	1529	90.9	1555	94.3	1581	98.0	1609	101.8	1657	108.7
14500	3923	1395	76.1	1425	79.9	1451	83.1	1478	86.6	1505	90.2	1534	94.1	1559	97.6	1583	101.0	1608	104.5	1661	112.3
15000	4058	1398	78.5	1426	82.1	1455	85.9	1483	89.6	1508	93.0	1534	96.6	1561	100.4	1589	104.5	1613	108.0	1660	115.2
15500	4194	1404	81.2	1431	84.9	1458	88.4	1485	92.2	1514	96.2	1539	99.8	1563	103.4	1589	107.1	1615	111.1	1664	118.9
16000	4329	1407	83.5	1435	87.4	1464	91.5	1489	95.0	1515	98.7	1542	102.7	1570	107.0	1593	110.5	1617	114.2	1666	122.2
17000	4599	1417	88.6	1446	92.9	1471	96.7	1497	100.6	1524	104.7	1551	109.1	1575	112.8	1599	116.7	1624	120.9	1674	129.4
18000	4870	1429	94.0	1456	98.1	1481	102.2	1508	106.5	1535	111.0	1558	114.9	1583	119.0	1608	123.4	1634	128.0	1679	136.0
19000	5141	1441	99.4	1466	103.6	1493	108.0	1520	112.6	1543	116.7	1568	121.1	1593	125.7	1619	130.3	1641	134.5	1687	143.3
20000	5411	1453	104.8	1479	109.4	1506	114.1	1530	118.4	1555	122.9	1580	127.7	1604	132.3	1627	136.7	1650	141.3	1699	151.1
21000	5682	1466	110.7	1493	115.6	1517	120.0	1542	124.6	1568	129.6										

Wheel Diameter = 50.5 in.

Outlet Area = 4.62 sq. ft. inside

Tip Speed, fpm = 13.22 x RPM

Model 32 Maximum RPM 1541

Maximum Belt Drive Motor HP 250



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
12000	2610	1235	67.3	1259	70.3	1284	73.6	1309	77.0	1336	80.7	1364	84.7	1390	88.5	1411	91.6	1432	94.9	1477	102.1
12500	2718	1231	68.9	1261	72.7	1289	76.4	1311	79.6	1335	82.9	1360	86.5	1385	90.3	1412	94.4	1439	98.6	1479	105.2
13000	2827	1233	71.1	1258	74.5	1285	78.2	1314	82.2	1340	86.0	1362	89.2	1385	92.7	1408	96.4	1433	100.3	1485	108.9
13500	2936	1236	73.6	1262	77.2	1286	80.5	1311	84.1	1337	88.0	1365	92.1	1390	96.0	1411	99.4	1433	103.0	1478	110.7
14000	3045	1234	75.5	1262	79.3	1291	83.5	1314	86.8	1337	90.4	1362	94.2	1387	98.2	1413	102.5	1438	106.6	1479	113.7
14500	3153	1237	77.9	1262	81.5	1288	85.3	1315	89.4	1342	93.5	1364	97.0	1387	100.7	1410	104.6	1435	108.8	1485	117.6
15000	3262	1238	80.2	1266	84.3	1290	87.8	1314	91.6	1340	95.7	1367	100.0	1391	104.0	1412	107.7	1434	111.5	1481	119.8
15500	3371	1238	82.3	1265	86.4	1293	90.7	1317	94.5	1340	98.2	1365	102.2	1390	106.5	1416	111.0	1438	115.0	1480	122.7
16000	3480	1242	85.0	1267	88.7	1292	92.7	1319	97.1	1345	101.4	1367	105.2	1390	109.1	1413	113.3	1438	117.7	1484	126.5
17000	3697	1245	89.5	1271	93.7	1298	98.3	1322	102.3	1345	106.4	1369	110.6	1394	115.1	1420	120.0	1440	123.9	1483	132.3
18000	3915	1250	94.4	1278	99.2	1301	103.2	1325	107.5	1350	112.0	1376	116.9	1398	121.1	1419	125.3	1442	129.8	1489	139.5
19000	4132	1257	99.7	1281	103.9	1305	108.4	1331	113.3	1355	118.0	1377	122.3	1400	126.8	1424	131.7	1448	136.8	1490	145.7
20000	4350	1262	104.4	1287	109.2	1313	114.3	1336	118.8	1359	123.4	1382	128.3	1407	133.5	1429	138.2	1450	142.7	1494	152.6
21000	4567	1270	109.6	1295	114.8	1318	119.4	1341	124.3	1366	129.6	1389	134.6	1411	139.3	1433	144.2	1455	149.5	1499	159.7
22000	4784	1278	114.9	1301	119.8	1325	125.0	1350	130.6	1372	135.3	1394	140.4	1417	145.7	1441	151.4	1461	156.2	1503	166.4
23000	5002	1285	120.0	1310	125.5	1334	130.8	1356	135.9	1379	141.3	1403	147.0	1424	152.2	1445	157.4	1467	162.8	1511	174.2
24000	5219	1295	125.7	1318	131.0	1341	136.4	1365	142.1	1388	147.7	1409	153.0	1430	158.5	1453	164.4	1475	170.1	1515	180.8
25000	5437	1304	131.1	1327	136.7	1351	142.7	1373	148.1	1395	153.6	1417	159.5	1440	165.5	1460	170.9	1481	176.6	1524	188.8
26000	5654	1313	137.0	1337	142.9	1359	148.4	1382	154.3	1405	160.5	1426	166.0	1447	171.8	1468	177.9	1491	184.3	1529	195.6
27000	5872	1323	143.1	1346	148.8	1369	154.9	1392	160.9	1413	166.7	1435	172.8	1457	179.2	1477	184.9	1497	190.9	1539	203.7
28000	6089	1332	149.3	1357	155.6	1378	161.3	1400	167.4	1423	173.8	1444	179.8	1464	185.8	1486	192.1	1507	198.8		
29000	6307	1343	156.1	1365	162.0	1388	168.2	1411	174.5	1432	180.5	1453	186.9	1475	193.5	1495	199.6	1515	205.9	1526	214.2
30000	6524	1352	162.7	1376	169.1	1398	175.2	1420	181.5	1442	188.1	1463	194.4	1483	200.7	1504	207.2				
32000	6959	1371	177.2	1395	183.8	1417	190.3	1439	196.7	1461	203.5	1482	210.1	1502	216.6	1523	223.4				
34000	7394	1390	192.5	1414	199.5	1436	206.3	1458	213.0	1481	220.1	1501	226.9	1522	233.7						

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 = 57.5 in.

Outlet Area = 5.99 sq. ft. inside

Tip Speed, fpm = 15.05 x RPM



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
15000	2519	1081	84.3	1104	88.5	1128	93.0	1154	97.9	1178	102.8	1197	106.7	1217	110.9	1237	115.2	1258	119.9	1302	130.2
16000	2687	1083	88.6	1109	93.6	1131	97.8	1161	102.0	1195	106.4	1219	116.3	1243	121.7	1263	126.2	1299	134.9		
17000	2855	1084	93.0	1106	97.3	1129	102.0	1153	106.9	1179	112.3	1198	116.7	1218	121.0	1238	125.7	1259	130.6	1303	141.4
18000	3023	1084	97.2	1109	102.3	1134	107.3	1154	111.7	1175	116.3	1197	121.3	1219	126.6	1243	132.3	1262	137.0	1299	146.3
19000	3191	1088	102.2	1110	111.5	1132	115.5	1155	116.7	1179	122.2	1200	127.1	1219	131.8	1239	136.7	1260	142.0	1304	153.4
20000	3359	1088	106.3	1112	111.5	1137	117.2	1157	121.9	1178	126.8	1199	132.0	1222	137.6	1245	143.5	1263	148.4	1301	158.5
21000	3527	1093	111.5	1115	116.5	1136	121.5	1158	126.9	1182	132.7	1203	138.1	1222	143.0	1242	148.3	1263	153.9	1306	166.0
22000	3695	1094	115.8	1117	121.3	1141	127.2	1162	132.4	1182	137.6	1203	143.2	1225	149.0	1248	155.3	1266	160.3	1303	171.2
23000	3863	1098	121.0	1121	126.5	1142	131.9	1163	137.6	1186	143.7	1207	149.4	1226	154.7	1246	160.3	1267	166.3	1308	178.7
24000	4031	1101	125.6	1123	131.4	1147	137.6	1167	143.3	1188	148.9	1208	154.7	1230	161.0	1251	167.3	1269	172.7	1307	184.4
25000	4199	1106	130.9	1128	136.9	1149	142.6	1170	148.6	1192	155.1	1213	161.0	1232	166.7	1252	172.8	1272	179.2	1311	191.7
26000	4367	1110	135.7	1131	141.8	1154	148.4	1175	154.4	1194	160.4	1215	166.7	1237	173.4	1256	179.7	1275	185.5	1313	198.2
27000	4535	1115	141.0	1137	147.4	1157	153.5	1178	159.9	1200	166.8	1220	172.9	1239	179.1	1258	185.6	1279	192.5	1316	205.2
28000	4703	1120	146.0	1141	152.5	1163	159.5	1183	165.8	1203	172.2	1223	178.9	1245	186.1	1263	192.3	1281	198.7	1320	212.4
29000	4871	1126	151.5	1147	158.1	1167	164.6	1188	171.6	1209	178.8	1228	185.1	1247	191.8	1267	198.8	1287	206.2	1323	219.2
30000	5038	1131	156.6	1152	163.5	1174	170.9	1193	177.4	1213	184.2	1233	191.5	1253	198.8	1271	205.3	1290	212.2	1329	227.2
31000	5206	1138	162.4	1158	169.2	1178	176.1	1199	183.6	1219	190.7	1237	197.5	1257	204.8	1277	212.4	1295	219.7	1331	2

Size

37 SISW

Design 6620 AM Industrial Centrifugal Fans



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

Model 32 Maximum RPM 1193
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
20000	2672	966	111.0	990	117.3	1008	122.3	1027	127.6	1046	133.2	1067	139.3	1088	145.8	1110	152.6	1125	157.8	1158	168.8
21000	2806	966	115.0	986	120.6	1008	126.7	1031	133.3	1049	138.9	1067	144.3	1085	150.0	1104	156.1	1124	162.6	1164	176.5
22000	2939	969	119.9	989	125.7	1008	131.2	1028	137.0	1048	143.3	1069	150.0	1089	156.5	1106	162.0	1123	167.8	1159	180.3
23000	3073	967	123.8	989	129.9	1011	136.6	1031	142.7	1049	148.3	1067	154.3	1087	160.7	1107	167.6	1128	174.8	1160	186.6
24000	3206	971	129.1	990	134.7	1010	140.7	1030	147.1	1051	154.0	1071	160.6	1088	166.4	1106	172.6	1124	179.1	1162	193.3
25000	3340	970	133.0	992	139.7	1013	146.5	1031	152.3	1050	158.6	1070	165.2	1090	172.3	1110	179.5	1126	185.5	1160	198.3
26000	3474	973	138.1	993	144.2	1013	150.8	1034	157.8	1054	164.8	1071	170.9	1089	177.3	1108	184.2	1127	191.5	1163	205.5
27000	3607	974	142.5	997	149.8	1015	156.1	1034	162.6	1053	169.5	1074	176.8	1093	184.0	1110	190.3	1127	197.0	1163	211.4
28000	3741	977	147.4	996	154.1	1017	161.3	1038	168.8	1055	175.1	1073	181.9	1092	189.1	1112	196.7	1131	204.2	1163	217.5
29000	3874	980	152.5	1000	159.6	1018	166.3	1038	173.4	1058	181.0	1077	188.4	1094	195.1	1112	202.1	1130	209.5	1167	225.4
30000	4008	981	157.0	1002	164.4	1023	172.3	1041	179.1	1059	186.1	1078	193.6	1097	201.6	1115	209.0	1132	215.9	1166	230.8
31000	4142	986	162.7	1004	169.5	1023	176.9	1043	184.7	1063	192.5	1080	199.5	1098	206.9	1116	214.7	1135	223.0	1168	237.6
32000	4275	987	167.1	1008	175.2	1027	182.6	1045	189.9	1064	197.7	1083	206.0	1101	213.6	1118	220.9	1135	228.6	1172	245.3
34000	4542	995	177.5	1014	185.7	1032	193.3	1051	201.4	1071	210.0	1088	217.8	1105	225.5	1123	233.7	1141	242.3	1174	258.5
36000	4810	1003	188.2	1021	196.1	1039	204.5	1059	213.4	1076	221.6	1093	229.7	1111	238.3	1129	247.4	1146	255.8	1178	272.2
38000	5077	1010	198.4	1029	207.1	1048	216.3	1065	224.8	1083	233.3	1100	242.4	1119	251.9	1135	260.2	1151	268.8	1185	287.3
40000	5344	1018	209.4	1038	218.9	1056	227.7	1073	236.6	1091	246.0	1109	255.7	1125	264.3	1141	273.3	1158	282.9	1191	301.6
42000	5611	1028	221.3	1046	230.5	1064	239.6	1082	249.3	1100	259.0	1116	268.0	1133	277.5	1150	287.6	1166	297.3		
44000	5878	1037	233.3	1055	242.6	1073	252.5	1091	262.2	1107	271.6	1125	281.6	1142	292.1	1158	301.4	1173	311.1		
46000	6146	1046	245.7	1065	255.8	1083	265.6	1099	275.3	1117	285.5	1134	296.0	1150	305.6	1166	315.7	1183	326.4		
48000	6413	1056	259.3	1074	269.3	1091	279.2	1109	289.7	1126	299.9	1142	309.9	1159	320.4	1176	331.5	1191	341.5		
50000	6680	1065	273.3	1083	283.3	1101	294.0	1118	304.2	1135	314.5	1152	325.4	1169	336.2	1184	346.4				
52000	6947	1074	287.7	1093	298.6	1110	309.0	1127	319.5	1145	330.6	1161	341.2	1177	351.8	1187	369.1				
54000	7214	1084	303.2	1101	313.9	1119	324.7	1138	336.1	1154	346.6	1170	357.6	1180	375.4						
56000	7482	1092	318.7	1111	329.9	1129	341.6	1146	352.4	1163	363.7	1180	375.4								

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 6620 AM Industrial Centrifugal Fans



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

Model 32 Maximum RPM 1091
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP											
22000	2394	871	125.6	893	133.0	910	139.3	927	145.3	944	151.6	961	158.4	980	165.7	999	173.5	1019	181.8	1048	194.6
23000	2502	870	129.4	889	135.9	909	143.1	930	150.8	947	157.6	963	163.7	979	170.2	996	177.1	1013	184.4	1049	200.6
24000	2611	874	134.7	890	140.7	908	147.1	926	154.0	945	161.4	965	169.3	983	176.9	998	183.2	1013	189.8	1045	204.1
25000	2720	871	137.8	892	145.3	912	152.8	928	159.1	944	165.8	962	172.9	980	180.5	999	188.7	1018	197.3	1046	210.3
26000	2829	872	142.3	890	149.1	909	156.4	929	164.3	948	172.0	963	178.5	979	185.4	996	192.7	1013	200.5	1050	217.6
27000	2938	874	147.2	893	154.3	910	161.0	927	168.2	946	175.9	965	184.2	983	192.1	998	198.8	1013	205.9	1046	221.4
28000	3046	873	150.9	892	158.6	913	166.9	929	173.7	946	180.8	963	188.3	981	196.3	1000	204.9	1017	213.1	1046	227.4
29000	3155	875	155.8	892	163.0	911	170.6	930	178.8	949	187.1	965	194.0	981	201.4	997	209.2	1015	217.5	1050	235.2
30000	3264	876	160.4	895	168.5	912	175.6	930	183.2	948	191.3	967	199.9	984	208.1	999	215.3	1014	223.0	1047	239.6
32000	3482	879	170.0	896	177.5	914	185.5	933	194.1	951	202.9	967	210.3	983	218.2	1000	226.6	1017	235.4	1050	252.9
34000	3699	880	179.0	899	187.4	918	196.5	935	204.7	951	212.7	968	221.2	986	230.3	1004	239.9	1019	247.8	1049	264.5
36000	3917	884	188.9	904	198.4	920	206.4	937	215.0	955	224.1	973	233.8	989	242.2	1004	250.7	1020	259.5	1053	278.9
38000	4135	889	199.3	906	207.8	923	216.9	941	226.5	959	236.0	974	244.6	990	253.7	1007	263.3	1024	273.6	1054	291.3
40000	4352	893	208.7	910	218.3	929	228.5	945	237.5	961	246.8	978	256.5	995	267.0	1011	276.3	1026	285.4	1057	305.1
42000	4570	898	219.1	916	229.6	932	238.8	949	248.6	966	259.1	983	269.3	998	278.6	1013	288.5	1030	298.9	1060	319.4
44000	4787	904	229.8	920	239.6	937	250.0	955	261.1	970	270.7	986	280.7	1002	291.4	1019	302.7	1034	312.5	1063	332.9
46000	5005	909	240.0	927	250.9	944	261.7	959	271.8	975	282.6	992	294.0	1007	304.5	1022	314.8	1037	325.6	1069	348.4
48000	5223	916	251.4	933	262.0	949	272.7	965	284.1	982	295.5	997	305.9	1012	317.0	1028	328.7	1043	340.3	1072	361.

Wheel Diameter = 78.25 in.

Outlet Area = 11.08 sq. ft. inside

Tip Speed, fpm = 20.49 x RPM

Model 32 Maximum RPM 954

Maximum Belt Drive Motor HP 350



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP	
CFM	FPM	RPM	BHP																	
28000	2529	793	157.2	810	165.0	827	173.3	846	182.3	865	191.9	878	199.1	892	206.8	907	214.9	922	223.5	
30000	2710	794	165.6	813	174.7	830	183.4	845	191.0	860	199.1	876	207.8	893	217.0	911	226.9	927	236.7	
32000	2890	796	175.1	812	182.9	828	191.3	845	200.3	863	210.0	880	219.7	894	227.6	908	236.0	923	244.9	
34000	3071	795	183.0	813	192.1	831	201.9	848	210.9	862	219.3	878	228.2	893	237.7	910	247.8	927	258.5	
36000	3252	798	192.8	815	202.2	831	210.8	847	220.0	864	229.8	881	240.3	896	249.6	910	258.4	924	267.8	
38000	3432	799	201.7	816	211.0	833	221.0	851	231.7	865	240.7	880	249.9	895	259.7	911	270.2	928	281.3	
40000	3613	801	211.1	819	221.8	835	231.3	850	240.8	866	251.0	883	261.8	899	272.7	912	282.0			
42000	3793	805	221.3	820	230.9	836	241.3	853	252.3	869	262.9	883	272.6	898	282.9	914	293.8	930	305.4	
44000	3974	806	230.4	823	241.5	840	252.6	855	262.6	870	273.2	886	284.5	903	296.5	916	306.4	930	316.7	
46000	4155	811	241.4	826	251.6	842	262.4	858	273.9	874	285.8	888	296.1	903	306.9	918	318.4	933	330.6	
48000	4335	813	250.5	829	262.1	846	274.4	860	285.0	875	296.2	891	308.1	907	320.7	920	331.5	934	342.5	
50000	4516	818	261.4	833	272.8	848	284.2	864	296.4	880	309.2	894	320.2	908	331.7	923	343.9	938	356.8	
52000	4697	821	271.1	837	283.3	853	296.4	867	307.9	882	319.7	897	332.4	913	345.8	926	357.2	940	369.0	
54000	4877	826	282.0	841	294.5	856	306.5	871	319.4	887	333.0	901	344.7	915	357.0	929	370.1	944	383.9	
56000	5058	830	292.3	845	305.2	861	319.0	875	331.2	890	343.9	905	357.3	920	371.3	933	383.4	946	396.1	
58000	5239	835	303.7	850	316.8	865	329.6	880	343.2	895	357.2	908	369.7	922	383.0	937	397.0	951	411.4	
60000	5419	840	314.6	855	328.1	871	342.5	884	355.2	898	368.7	913	383.1	927	397.1	940	410.1	954	423.9	
62000	5600	845	326.7	860	340.1	874	353.6	889	368.0	904	382.1	917	395.6	931	409.7	945	424.7			
64000	5780	850	338.1	865	352.3	880	366.8	894	380.3	908	394.7	923	409.9	936	423.7	949	437.7			
66000	5961	856	351.2	870	364.8	884	379.1	900	394.2	913	408.3	927	422.6	941	437.7					
68000	6142	860	363.2	875	378.1	890	392.6	904	406.9	918	422.1	932	437.5	945	451.7					
70000	6322	866	377.0	880	391.2	895	406.2	910	421.6	923	436.0	937	451.1	951	467.1					
74000	6684	876	404.6	890	419.4	906	435.2	920	450.4	933	465.5	947	481.6							
78000	7045	886	433.9	901	449.6	916	466.0	930	481.2	944	497.2									
82000	7406	896	464.6	911	481.5	926	497.9	940	514.1											

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 = 85.25 in.

Outlet Area = 13.17 sq. ft. inside

Tip Speed, fpm = 22.32 x RPM



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP	
CFM	FPM	RPM	BHP																	
34000	2590	730	190.7	745	199.4	760	208.8	775	218.8	791	229.6	809	241.2	822	250.6	834	259.7	847	269.3	
36000	2742	729	198.0	745	208.4	763	219.8	777	229.0	791	238.4	805	248.4	820	259.0	835	270.4	851	282.5	
38000	2895	731	208.0	746	217.2	761	227.1	776	237.8	792	249.2	809	260.9	821	270.3	834	280.2	847	290.7	
40000	3047	730	215.5	747	226.6	764	238.5	778	248.1	791	258.2	806	268.9	821	280.4	836	292.6	851	304.5	
42000	3199	733	225.9	748	235.8	762	246.4	778	257.7	794	269.8	809	281.1	821	291.3	835	302.1	849	313.6	
44000	3352	733	233.9	749	245.5	766	257.9	779	268.1	793	279.0	808	290.5	823	302.9	839	316.0	851	326.4	
46000	3504	736	244.5	750	255.1	765	266.4	780	278.4	796	291.4	810	302.3	823	313.4	836	325.2	851	337.7	
48000	3656	736	252.9	752	265.3	768	277.9	781	288.9	796	300.6	810	313.1	826	326.4	839	338.5	852	349.8	
50000	3809	739	263.6	753	274.9	768	287.0	784	300.0	799	313.1	812	324.5	825	336.6	839	349.4	854	363.0	
52000	3961	740	272.4	756	285.7	771	298.4	785	310.3	799	323.0	814	336.5	828	350.3	841	362.0	854	374.4	
54000	4113	743	283.1	758	295.3	772	308.4	788	322.4	802	335.1	815	347.6	828	360.7	843	374.7			
56000	4266	745	292.5	761	306.7	775	319.5	789	332.4	803	346.2	818	360.8	831	373.7	844	386.6			
58000	4418	749	303.0	763	316.2	778	330.3	793	345.1	806	357.8	819	371.4	833	385.7	847	401.0			
60000	4571	751	313.0	767	327.9	780	341.1	794	355.1	808	370.1	822	384.7	835	398.0	848	412.1			
62000	4723	755	323.3	769	337.6	784	353.0	797	367.3	810	381.2	824	396.0	838	411.7	851	426.1			
64000	4875	758	334.3	772	349.0	786	363.3	800	378.6	815	394.7	827	408.5	840	423.2	853	438.7			
66000	5028	761	344.4	776	359.8	790	375.8	803	390.1	816	405.4	830	421.5	844	437.2	856	451.7			
70000	5332	769	366.5	783	383.1	797	398.4	810	414.0	823	430.5	837	447.2	849	462.4	856	489.0			
74000	5637	777	389.9	791	406.4	804	422.3	817	439.2	831	456.7	843	472.4	856	499.3					
78000	5942	785	414.8	798	430.8	812	447.8	826	466.0	838	482.2	851	499.3							
82000	6246	793	439.9	806	457.0	820	475.2	833	492.3	841	520.7	854	539.3							
86000	6551	801	467.0	815	485.2	828	503.0	841	520.7											
90000	6856	809	496.0	823	514.5	836	532.4	849	551.3											
94000	7160	817	526.6	830	544.8	844	564.0													
98000	7465	824	557.2	838	576.9	852	597.2													

Power rating (BHP) does not include drive losses.

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

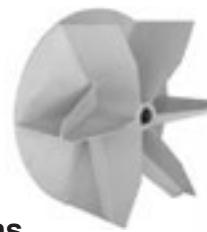
Performance shown is for installation

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

Size

11 SISW

Design 6630 WF Industrial Centrifugal Fans



Model 32 Maximum RPM 4108[†]
 Maximum Belt Drive Motor HP 40

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
1500	2264	3361	11.3	3425	11.9	3492	12.5	3562	13.2	3634	13.9	3710	14.6	3777	15.3	3832	15.9	3890	16.6	4010	18.0
1600	2415	3357	11.6	3431	12.3	3509	13.0	3580	13.7	3640	14.3	3702	14.9	3767	15.6	3834	16.4	3903	17.1	4033	18.7
1700	2566	3373	12.1	3443	12.7	3508	13.4	3575	14.0	3645	14.7	3719	15.5	3789	16.3	3844	16.9	3902	17.6	4023	19.0
1800	2717	3373	12.5	3444	13.1	3518	13.8	3596	14.6	3655	15.2	3717	15.9	3781	16.6	3847	17.4	3916	18.2	4040	19.7
1900	2868	3383	12.9	3461	13.7	3524	14.3	3590	15.0	3658	15.7	3730	16.5	3801	17.3	3857	17.9	3915	18.6	4038	20.1
2000	3019	3391	13.4	3459	14.1	3531	14.8	3606	15.6	3671	16.3	3732	16.9	3795	17.7	3861	18.4	3929	19.3	4049	20.8
2100	3170	3398	13.8	3475	14.6	3542	15.3	3606	16.0	3673	16.7	3743	17.5	3814	18.3	3870	19.0	3929	19.8	4053	21.3
2200	3321	3410	14.4	3477	15.0	3547	15.8	3620	16.6	3687	17.3	3748	18.0	3811	18.8	3876	19.6	3944	20.4	4061	22.0
2300	3471	3416	14.8	3490	15.6	3560	16.4	3624	17.1	3690	17.8	3759	18.7	3828	19.5	3885	20.2	3944	21.0	4069	22.6
2400	3622	3432	15.4	3497	16.1	3565	16.9	3637	17.7	3704	18.5	3765	19.2	3828	20.0	3893	20.8	3961	21.7	4075	23.3
2500	3773	3437	15.9	3509	16.7	3580	17.5	3643	18.2	3709	19.0	3777	19.8	3844	20.7	3902	21.5	3961	22.3	4087	24.0
2600	3924	3453	16.5	3519	17.2	3586	18.0	3656	18.8	3723	19.7	3784	20.4	3847	21.2	3912	22.1	3979	23.0	4091	24.6
2700	4075	3460	17.0	3531	17.8	3602	18.6	3665	19.4	3730	20.2	3797	21.1	3862	22.0	3920	22.8	3980	23.6	4107	25.4
2800	4226	3476	17.6	3543	18.4	3609	19.2	3678	20.0	3744	20.9	3805	21.7	3868	22.6	3933	23.5	3996	24.4		
2900	4377	3485	18.1	3555	18.9	3625	19.8	3688	20.6	3752	21.5	3820	22.4	3882	23.3	3940	24.1	4001	25.0		
3000	4528	3501	18.7	3568	19.6	3634	20.4	3703	21.3	3767	22.2	3828	23.0	3891	23.9	3956	24.9	4015	25.8		
3200	4830	3528	19.9	3594	20.8	3660	21.7	3729	22.6	3791	23.5	3852	24.4	3916	25.4	3980	26.4	4036	27.2		
3400	5132	3555	21.2	3620	22.1	3687	23.0	3756	24.0	3816	24.9	3878	25.9	3943	26.9	4003	27.8	4060	28.8	4086	30.4
3600	5434	3581	22.5	3647	23.4	3714	24.4	3782	25.4	3842	26.4	3905	27.4	3971	28.4	4028	29.4				
3800	5735	3608	23.8	3673	24.8	3741	25.8	3807	26.9	3869	27.9	3933	28.9	3996	30.0	4053	31.0				
4000	6037	3633	25.2	3699	26.2	3768	27.3	3832	28.3	3895	29.4	3961	30.5	4020	31.6	4080	32.6				
4200	6339	3658	26.6	3725	27.7	3794	28.8	3857	29.9	3922	31.0	3987	32.1	4046	33.2						
4400	6641	3684	28.1	3751	29.2	3820	30.4	3883	31.5	3949	32.7	4011	33.8	4071	34.9						
4600	6943	3711	29.6	3779	30.8	3845	32.0	3909	33.1	3976	34.4	4036	35.5	4098	36.7						
4800	7245	3740	31.2	3808	32.5	3872	33.6	3937	34.9	4001	36.1	4062	37.3								

Power rating (BHP) does not include drive losses.

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

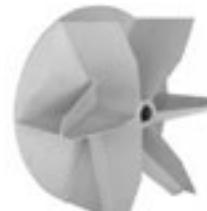
[†] Belt Drive is not recommended above 3600 RPM.

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

Size

13 SISW

Design 6630 WF 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	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
2300	2485	2846	16.5	2904	17.4	2964	18.3	3027	19.3	3093	20.4	3142	21.3	3192	22.2	3244	23.1	3298	24.1	3411	26.4
2400	2594	2852	17.0	2918	18.0	2971	18.8	3026	19.7	3084	20.7	3144	21.7	3206	22.8	3258	23.8	3305	24.7	3405	26.7
2500	2702	2853	17.3	2914	18.3	2978	19.3	3040	20.3	3091	21.2	3144	22.1	3199	23.1	3256	24.2	3315	25.3	3416	27.4
2600	2810	2866	17.9	2920	18.8	2977	19.7	3036	20.7	3098	21.7	3158	22.8	3207	23.7	3257	24.7	3310	25.7	3420	27.9
2700	2918	2862	18.2	2927	19.3	2989	20.3	3042	21.2	3097	22.1	3154	23.2	3213	24.3	3272	25.4	3319	26.3	3417	28.4
2800	3026	2870	18.7	2928	19.7	2988	20.7	3051	21.8	3107	22.8	3158	23.7	3212	24.7	3267	25.8	3324	26.9	3427	29.1
2900	3134	2875	19.2	2939	20.2	2993	21.2	3049	22.2	3108	23.2	3170	24.4	3222	25.4	3271	26.3	3323	27.4	3431	29.7
3000	3242	2878	19.6	2939	20.7	3002	21.8	3058	22.8	3112	23.7	3167	24.8	3224	25.9	3284	27.1	3332	28.1	3430	30.2
3200	3458	2890	20.6	2954	21.7	3011	22.8	3065	23.8	3122	24.8	3181	26.0	3237	27.1	3286	28.1	3337	29.2	3444	31.6
3400	3674	2905	21.7	2964	22.8	3020	23.8	3077	24.9	3138	26.1	3191	27.2	3242	28.2	3295	29.3	3350	30.5		
3600	3890	2919	22.8	2975	23.8	3033	25.0	3094	26.2	3147	27.2	3199	28.3	3254	29.5	3311	30.7	3362	31.9		
3800	4106	2930	23.8	2989	25.0	3050	26.2	3104	27.3	3157	28.4	3213	29.6	3272	30.9	3320	32.0	3370	33.2		
4000	4232	2945	25.0	3007	26.2	3062	27.3	3116	28.5	3173	29.7	3229	31.0	3279	32.1	3331	33.3	3384	34.6		
4200	4539	2963	26.2	3020	27.4	3075	28.6	3133	29.8	3189	31.1	3240	32.3	3293	33.5	3348	34.8	3398	36.1		
4400	4755	2979	27.4	3035	28.6	3093	29.9	3149	31.1	3201	32.4	3255	33.7	3312	35.0	3360	36.2	3409	37.5		
4600	4971	2993	28.6	3052	29.9	3109	31.2	3162	32.4	3218	33.8	3273	35.1	3323	36.4	3374	37.7	3427	39.1		
4800	5187	3010	29.9	3069	31.2	3123	32.5	3180	33.9	3235	35.2	3286	36.5	3338	37.9	3393	39.3	3441	40.6		
5000	5403	3028	31.2	3083	32.5	3141	33.9	3197	35.3	3249	36.6	3303	38.0	3357	39.5	3405	40.8				
5200	5619	3042	32.5	3100	33.9	3157	35.3	3211	36.7	3267	38.1	3320	39.6	3370	41.0	3422	42.4				
5400	5835	3058	33.8	3117	35.3	3172	36.7	3229	38.2	3282	39.7	3334	41.1	3388	42.6	3439	44.1				
5600	6052	3075	35.3	3131	36.7	3189	38.2	3244	39.7	3297	41.2										

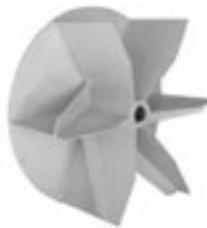
Wheel Diameter = 26.125 in.

Outlet Area = 1.23 sq. ft. inside

Tip Speed, fpm = 6.84 x RPM

Model 32 Maximum RPM 2988

Maximum Belt Drive Motor HP 75



Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
3200	2597	2471	22.6	2529	24.0	2575	25.1	2623	26.3	2673	27.6	2724	28.9	2778	30.4	2824	31.7	2865	32.9	2951	35.6
3400	2760	2477	23.5	2527	24.6	2579	25.9	2633	27.3	2687	28.7	2730	29.9	2774	31.2	2821	32.5	2869	33.9	2970	37.1
3600	2922	2481	24.3	2536	25.6	2591	27.0	2636	28.2	2684	29.5	2733	30.9	2785	32.3	2836	33.9	2877	35.1	2961	37.8
3800	3084	2494	25.4	2541	26.6	2591	27.8	2642	29.2	2696	30.7	2743	32.1	2787	33.3	2832	34.7	2879	36.1	2978	39.3
4000	3247	2495	26.2	2547	27.5	2602	29.0	2651	30.3	2697	31.6	2745	33.0	2794	34.5	2846	36.1	2889	37.4	2973	40.2
4200	3409	2504	27.2	2558	28.6	2605	29.9	2655	31.3	2706	32.8	2758	34.3	2800	35.7	2845	37.0	2890	38.5		
4400	3571	2511	28.2	2561	29.6	2614	31.0	2667	32.6	2712	33.9	2758	35.3	2806	36.8	2856	38.4	2901	39.9		2985 42.8
4600	3734	2519	29.2	2573	30.8	2622	32.2	2669	33.6	2719	35.1	2771	36.7	2815	38.1	2858	39.5	2904	41.1		
4800	3896	2530	30.4	2578	31.8	2629	33.3	2681	34.9	2728	36.3	2773	37.8	2820	39.3	2869	40.9	2915	42.5		
5000	4058	2536	31.4	2589	33.0	2640	34.5	2686	35.9	2734	37.5	2785	39.1	2830	40.7	2873	42.2	2918	43.7		
5200	4221	2549	32.6	2598	34.1	2646	35.6	2697	37.2	2745	38.8	2790	40.3	2836	41.9	2884	43.6	2930	45.3		
5400	4383	2556	33.7	2607	35.3	2659	36.9	2705	38.4	2752	40.0	2801	41.7	2847	43.4	2890	44.9	2934	46.6		
5600	4545	2568	34.9	2618	36.5	2666	38.1	2716	39.8	2764	41.4	2808	43.0	2854	44.7	2901	46.4	2946	48.1		
5800	4708	2577	36.1	2627	37.7	2679	39.5	2725	41.0	2771	42.7	2820	44.5	2865	46.1	2908	47.8	2952	49.5		
6000	4870	2588	37.3	2639	39.0	2686	40.6	2736	42.4	2784	44.1	2828	45.8	2873	47.5	2920	49.4	2964	51.1		
6200	5032	2599	38.5	2648	40.2	2700	42.1	2745	43.7	2792	45.5	2840	47.3	2885	49.0	2927	50.8			2972	52.6
6400	5195	2609	39.8	2661	41.6	2708	43.3	2756	45.1	2804	47.0	2848	48.7	2894	50.5	2941	52.4			2982	54.2
6600	5357	2620	41.1	2669	42.9	2721	44.8	2766	46.5	2813	48.3	2861	50.3	2905	52.0	2948	53.8				
6800	5519	2630	42.4	2682	44.3	2729	46.1	2777	48.0	2825	49.9	2869	51.7	2915	53.6	2962	55.6				
7000	5682	2641	43.8	2690	45.6	2741	47.6	2787	49.4	2834	51.3	2882	53.3	2925	55.2	2969	57.1				
7400	6006	2661	46.5	2711	48.4	2762	50.5	2808	52.4	2855	54.4	2903	56.5	2946	58.4						
7800	6331	2682	49.4	2731	51.4	2782	53.5	2828	55.5	2876	57.6	2923	59.7	2966	61.7						
8200	6656	2703	52.3	2752	54.4	2802	56.6	2848	58.7	2896	60.9	2942	63.0								
8600	6980	2725	55.4	2774	57.6	2823	59.8	2869	62.0	2917	64.3	2962	66.5								
9000	7305	2748	58.7	2796	61.0	2844	63.2	2891	65.5	2939	67.8	2983	70.0								

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.

Wheel Diameter = 29.625 in.

Outlet Area = 1.59 sq. ft. inside

Tip Speed, fpm = 7.76 x RPM

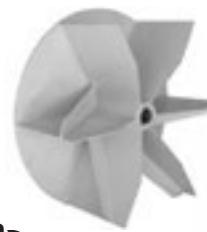


Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
4000	2520	2159	26.4	2202	27.7	2247	29.1	2294	30.7	2344	32.4	2387	33.9	2424	35.2	2463	36.7	2503	38.2	2588	41.6
4200	2646	2158	27.1	2208	28.7	2255	30.2	2296	31.5	2338	33.0	2382	34.6	2428	36.2	2475	38.0	2512	39.5	2585	42.5
4400	2772	2162	28.0	2206	29.4	2252	30.9	2300	32.5	2348	34.2	2386	35.6	2426	37.1	2467	38.6	2510	40.3	2599	44.0
4600	2898	2163	28.8	2214	30.4	2257	31.9	2299	33.3	2343	34.9	2388	36.5	2436	38.3	2474	39.9	2511	41.4	2590	44.6
4800	3024	2166	29.6	2211	31.1	2258	32.7	2306	34.0	2349	36.0	2388	37.5	2430	39.1	2473	40.8	2518	42.6	2595	45.9
5000	3150	2168	30.5	2219	32.2	2260	33.7	2303	35.2	2348	36.9	2395	38.6	2437	40.3	2475	41.8	2514	43.5	2597	47.0
5200	3276	2171	31.4	2216	33.0	2264	34.6	2311	36.4	2351	37.9	2392	39.5	2435	41.2	2480	43.0	2522	44.8	2596	48.1
5400	3402	2175	32.3	2223	34.0	2265	35.6	2309	37.2	2355	39.0	2400	40.8	2438	42.3	2478	44.0	2519	45.7		
5600	3528	2178	33.2	2223	34.9	2271	36.7	2314	38.3	2355	39.9	2398	41.7	2442	43.5	2486	45.3	2523	47.0		
5800	3654	2183	34.3	2229	35.9	2271	37.6	2316	39.3	2363	41.2	2403	42.8	2443	44.5	2484	46.3	2527	48.2		
6000	3780	2186	35.2	2232	36.9	2280	38.8	2320	40.4	2362	42.1	2406	43.9	2451	45.9	2488	47.5	2527	49.3		
6400	4032	2196	37.2	2242	39.0	2286	40.8	2328	42.6	2370	44.4	2415	46.3	2455	48.1	2493	49.9	2533	51.8		
6800	4284	2208	39.3	2254	41.3	2296	43.0	2338	44.9	2381	46.8	2423	48.7	2461	50.5	2501	52.4	2543	54.5		
7200	4536	2221	41.6	2266	43.5	2307	45.3	2350	47.3	2393	49.3	2432	51.2	2471	53.1	2512	55.1	2553	57.2		
7600	4788	2237	43.9	2278	45.8	2320	47.8	2364	49.9	2404	51.8	2443	53.7	2484	55.8	2524	57.9	2561	59.9		
8000	5040	2251	46.3	2292	48.2	2336	50.3	2377	52.4	2416	54.4	2457	56.5	2498	58.7	2534	60.7			2572	62.7
8400	5291	2266	48.6	2308	50.7	2352	53.0	2391	55.0	2431	57.1	2473	59.4	2509	61.4	2547	63.6			2586	65.8
8800	5543	2282	51.1	2325	53.4	2366	55.5	2406	57.7	2448	60.0	2485	62.2	2523	64.3	2563	66.6				
9200	5795	2299	53.7	2341	56.0	2381	58.2	2423	60.6	2462	62.8	2500	65.1	2540	67.4	2578	69.8				
9600	6047	2317	56.5	2357	58.7	2398	61.1	2439	63.4	2477	65.7	2517	68.2	2556	70.6	2592	72.9				
10000	6299	2333	59.2	2374	61.5	2416	64.0	2455	66.3	2495	68.8	2534	71.3	2570	73.6						
10500	6614	2354	62.7																		

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 32 Maximum RPM 2333
Maximum Belt Drive Motor HP 125

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
5000	2522	1932	33.0	1971	34.6	2011	36.4	2053	38.3	2097	40.4	2136	42.3	2169	44.0	2204	45.8	2240	47.8	2316	52.0
5200	2622	1931	33.7	1978	35.7	2016	37.4	2053	39.2	2092	41.0	2132	43.0	2174	45.2	2213	47.2	2245	49.0	2312	52.8
5400	2723	1932	34.5	1973	36.3	2017	38.3	2062	40.4	2096	42.1	2132	43.9	2170	45.8	2208	47.9	2249	50.1	2319	54.1
5600	2824	1938	35.5	1977	37.2	2016	39.0	2056	41.0	2098	43.0	2140	45.2	2174	46.9	2209	48.8	2245	50.8	2320	55.2
5800	2925	1935	36.1	1979	38.1	2022	40.1	2058	41.9	2096	43.8	2136	45.9	2177	48.0	2217	50.2	2249	52.0	2317	56.0
6000	3026	1938	37.1	1978	38.9	2020	40.9	2063	43.0	2102	45.0	2137	46.8	2174	48.8	2212	51.0	2252	53.2	2322	57.3
6400	3228	1941	38.7	1983	40.8	2027	42.9	2064	44.8	2102	46.8	2140	48.9	2181	51.1	2220	53.4	2253	55.3	2321	59.5
6800	3429	1946	40.6	1990	42.8	2028	44.7	2066	46.7	2106	48.9	2148	51.2	2183	53.2	2218	55.3	2254	57.4	2330	62.2
7200	3631	1954	42.6	1993	44.6	2032	46.7	2073	48.9	2114	51.2	2149	53.2	2185	55.3	2222	57.6	2262	60.0	2329	64.4
7600	3833	1958	44.5	1998	46.6	2039	48.9	2079	51.1	2115	53.2	2153	55.4	2191	57.8	2230	60.2	2263	62.3	2332	66.9
8000	4034	1965	46.5	2006	48.8	2046	51.0	2083	53.2	2121	55.5	2161	57.9	2196	60.1	2231	62.4	2267	64.7		
8400	4236	1974	48.7	2014	51.0	2052	53.2	2090	55.5	2131	58.0	2165	60.2	2201	62.5	2238	65.0	2276	67.6		
8800	4438	1984	50.9	2021	53.1	2061	55.5	2100	58.0	2135	60.3	2172	62.6	2210	65.2	2245	67.6	2278	70.0		
9200	4640	1992	53.1	2032	55.5	2071	58.0	2106	60.3	2144	62.8	2182	65.4	2216	67.7	2250	70.2	2286	72.8		
9600	4841	2003	55.4	2042	57.9	2079	60.3	2117	62.9	2154	65.5	2188	67.9	2224	70.4	2260	73.1	2294	75.6		
10000	5043	2014	57.8	2051	60.3	2090	62.9	2127	65.5	2162	68.0	2198	70.6	2235	73.4	2268	75.8	2301	78.4		
10500	5295	2027	60.8	2065	63.4	2104	66.2	2139	68.7	2175	71.4	2213	74.2	2246	76.8	2279	79.4	2314	82.3		
11000	5547	2042	63.9	2081	66.7	2117	69.4	2153	72.1	2190	75.0	2224	77.7	2258	80.4	2293	83.3	2327	86.2		
11500	5799	2057	67.2	2095	70.0	2131	72.8	2168	75.7	2203	78.5	2237	81.3	2272	84.3	2307	87.2				
12000	6052	2073	70.6	2109	73.4	2146	76.3	2183	79.3	2217	82.2	2252	85.2	2287	88.2	2319	91.1				
12500	6304	2087	74.0	2124	76.9	2162	80.0	2197	82.9	2232	86.0	2268	89.1	2300	92.1						
13000	6556	2102	77.5	2141	80.6	2176	83.7	2212	86.8	2248	90.0	2281	93.0	2315	96.2						
13500	6808	2118	81.3	2155	84.4	2191	87.5	2229	90.8	2262	93.9	2296	97.2	2331	100.5						
14000	7060	2134	85.2	2170	88.3	2207	91.6	2242	94.8	2277	98.1	2313	101.5								
14500	7312	2148	89.2	2186	92.5	2222	95.8	2257	99.1	2294	102.5	2327	105.8								

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

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

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

Model 32 Maximum RPM 2124
Maximum Belt Drive Motor HP 150

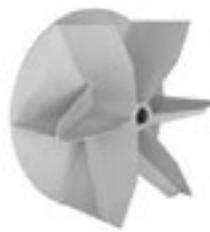
Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
CFM	FPM	RPM	BHP																		
6000	2477	1745	39.7	1782	41.8	1820	44.1	1860	46.6	1897	48.9	1928	51.0	1960	53.1	1993	55.5	2027	57.9	2100	63.4
6500	2683	1747	41.7	1786	44.0	1827	46.5	1861	48.7	1894	50.8	1928	53.1	1964	55.6	2000	58.2	2038	61.0	2095	65.4
7000	2890	1751	43.8	1792	46.3	1827	48.5	1861	50.7	1897	53.1	1934	55.7	1972	58.5	2002	60.7	2033	63.0	2096	68.0
7500	3096	1757	46.1	1793	48.4	1828	50.7	1864	53.1	1903	55.8	1938	58.3	1969	60.6	2001	63.1	2035	65.7	2106	71.4
8000	3303	1759	48.3	1795	50.6	1832	53.1	1871	55.8	1905	58.2	1937	60.6	1971	63.2	2007	65.9	2043	68.9	2102	73.8
8500	3509	1762	50.5	1800	53.0	1839	55.8	1873	58.2	1906	60.7	1941	63.3	1978	66.2	2011	68.8	2041	71.3	2105	76.8
9000	3715	1768	52.9	1807	55.7	1841	58.2	1876	60.7	1912	63.5	1949	66.4	1980	68.9	2012	71.5	2044	74.3	2112	80.2
9500	3922	1776	55.5	1811	58.1	1846	60.7	1882	63.5	1918	66.4	1950	69.0	1983	71.7	2017	74.6	2052	77.7	2112	83.1
10000	4128	1782	58.1	1817	60.7	1853	63.6	1889	66.4	1922	69.1	1955	71.9	1990	74.9	2023	77.8	2053	80.5	2117	86.5
10500	4335	1789	60.7	1826	63.6	1861	66.5	1894	69.2	1928	72.1	1964	75.2	1995	78.0	2026	80.8	2059	83.8	2123	90.0
11000	4541	1798	63.5	1835	66.5	1868	69.3	1902	72.2	1938	75.4	1969	78.2	2001	81.1	2034	84.2	2067	87.4		
11500	4747	1809	66.5	1842	69.3	1877	72.3	1912	75.5	1944	78.3	1976	81.4	2010	84.6	2041	87.6	2071	90.6		
12000	4954	1817	69.3	1852	72.4	1887	75.5	1919	78.5	1953	81.6	1987	85.0	2017	87.9	2048	91.0	2080	94.3		
12500	5160	1828	72.3	1863	75.5	1896	78.6	1929	81.8	1963	85.1	1994	88.2	2025	91.4	2058	94.9	2088	98.0		
13000	5367	1839	75.5	1872	78.6	1906	81.9	1940	85.2	1971	88.4	2004	91.8	2036	95.2	2066	98.4	2096	101.7		
13500	5573	1849	78.5	1883	81.9	1917	85.3	1949	88.5	1982	92.0	2014	95.4	2044	98.7	2075	102.2	2107	105.8		
14000	5779	1860	81.7	1894	85.2	1927	88.6	1961	92.2	1992	95.6	2023	99.0	2055	102.6	2086	106.1	2115	109.5		
14500	5986	1871	85.1	1905	88.5	1939	92.2	1971	95.6	2003	99.2	2036	103.0	2065	106.4	2095	110.0				
15000	6192	1882	88.4	1917	92.2	1949	95.7	1982	99.3	2015	103.1	2045	106.6	2076	110.3	2107	114.2				
15500	6399	1894	92.0	1927	95.6	1961	99.4	1993	103.1	2024	106.8	2056	110.6	2087	114.4						
16000	6605	1905	95.6	1939	99.4	1972	103.2	2004	106.9	2037	110.9	2067	114.6	2							

Wheel Diameter = 40.00 in.

Outlet Area = 2.90 sq. ft. inside

Tip Speed, fpm = 10.47 x RPM

Model 32 Maximum RPM 1925



Maximum Belt Drive Motor HP 200

Size

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

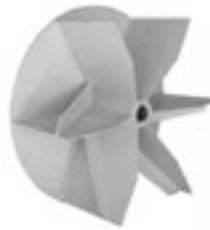
Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
7000	2420	1592	47.8	1628	50.6	1665	53.5	1698	56.3	1726	58.8	1756	61.4	1787	64.2	1819	67.2	1853	70.5	1912	76.5
7500	2593	1599	50.0	1634	52.8	1664	55.3	1696	58.0	1729	60.9	1763	64.0	1799	67.3	1825	69.9	1852	72.6	1909	78.4
8000	2766	1601	52.0	1633	54.6	1667	57.4	1703	60.5	1737	63.6	1765	66.2	1794	69.0	1824	72.0	1855	75.1	1920	82.0
8500	2939	1603	53.9	1639	56.9	1675	60.0	1704	62.7	1735	65.5	1767	68.5	1800	71.8	1834	75.2	1860	77.9	1915	83.8
9000	3112	1611	56.4	1643	59.2	1675	62.0	1708	65.0	1742	68.2	1774	71.4	1802	74.2	1831	77.2	1861	80.3		
9500	3285	1613	58.4	1646	61.4	1681	64.5	1715	67.7	1744	70.6	1774	73.6	1805	76.8	1838	80.2	1869	83.6	1922	89.6
10000	3457	1617	60.7	1653	64.0	1685	67.0	1716	69.9	1748	73.1	1781	76.6	1812	79.7	1839	82.8	1868	86.0		
10500	3630	1625	63.4	1656	66.3	1688	69.4	1722	72.8	1754	76.0	1783	79.1	1813	82.3	1844	85.7	1877	89.4		
11000	3803	1628	65.6	1662	68.9	1697	72.3	1726	75.3	1757	78.6	1789	82.0	1822	85.6	1849	88.7	1877	92.0		
11500	3976	1635	68.3	1668	71.6	1699	74.8	1731	78.1	1765	81.7	1794	84.9	1823	88.2	1853	91.7	1884	95.4		
12000	4149	1640	70.9	1672	74.2	1706	77.7	1738	81.1	1768	84.4	1798	87.8	1830	91.5	1859	95.0	1887	98.4		
12500	4322	1646	73.6	1681	77.2	1711	80.5	1742	83.9	1775	87.5	1805	91.1	1834	94.5	1863	98.1	1893	101.8		
13000	4495	1654	76.6	1685	79.9	1718	83.5	1751	87.2	1780	90.6	1809	94.1	1840	97.9	1871	101.7	1898	105.1		
13500	4668	1659	79.3	1693	82.9	1725	86.6	1755	90.1	1786	93.8	1818	97.7	1846	101.2	1874	104.8	1904	108.7		
14000	4840	1668	82.3	1699	85.9	1731	89.6	1763	93.5	1793	97.1	1822	100.8	1852	104.6	1883	108.7	1909	112.2		
14500	5013	1674	85.2	1706	89.0	1739	93.0	1769	96.6	1799	100.4	1831	104.5	1859	108.2	1887	111.9	1916	116.0		
15000	5186	1681	88.3	1714	92.2	1744	96.0	1776	100.0	1807	103.9	1835	107.7	1865	111.7	1896	116.0			1922	119.7
15500	5359	1688	91.4	1720	95.3	1753	99.5	1783	103.3	1813	107.3	1844	111.5	1872	115.4	1900	119.4				
16000	5532	1695	94.5	1728	98.7	1759	102.6	1790	106.8	1821	111.0	1849	115.0	1879	119.1	1909	123.6				
16500	5705	1703	97.8	1734	101.9	1767	106.2	1797	110.3	1827	114.5	1858	118.9	1886	123.0	1914	127.1				
17000	5878	1709	100.9	1743	105.4	1773	109.5	1804	113.9	1835	118.3	1863	122.4	1893	126.8	1923	131.4				
17500	6050	1718	104.4	1749	108.6	1781	113.1	1811	117.5	1841	121.8	1872	126.4	1900	130.8						
18000	6223	1724	107.7	1757	112.3	1788	116.6	1818	121.1	1849	125.8	1878	130.1	1907	134.7						
19000	6569	1740	114.7	1772	119.5	1802	124.0	1833	128.7	1864	133.5	1892	138.0	1921	142.9						
20000	6915	1756	122.2	1788	127.1	1818	131.8	1848	136.6	1878	141.5	1907	146.3								

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

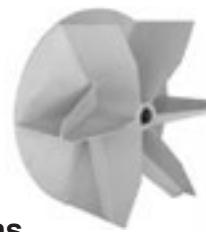
Model 32 Maximum RPM 1710

Size

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

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
9500	2570	1415	63.7	1444	67.0	1471	70.3	1500	73.8	1530	77.5	1561	81.6	1589	85.4	1613	88.7	1637	92.2	1689	99.9
10000	2706	1414	65.3	1444	68.9	1476	72.7	1506	76.5	1532	79.8	1558	83.3	1586	87.1	1615	91.1	1644	95.5	1693	102.8
10500	2841	1420	67.7	1448	71.2	1476	74.6	1505	78.3	1535	82.2	1566	86.5	1591	89.9	1616	93.5	1641	97.2	1695	105.5
11000	2976	1419	69.5	1450	73.2	1482	77.2	1510	80.9	1536	84.4	1563	88.2	1591	92.2	1621	96.5	1649	100.6	1695	108.0
11500	3111	1425	72.0	1454	75.6	1481	79.2	1510	83.0	1541	87.2	1570	91.2	1594	94.8	1620	98.6	1646	102.7	1702	111.5
12000	3247	1425	74.0	1456	77.8	1487	82.0	1515	85.6	1541	89.4	1569	93.3	1598	97.6	1627	102.1	1651	105.7	1700	113.7
12500	3382	1431	76.6	1459	80.3	1487	84.0	1517	88.0	1547	92.4	1573	96.2	1599	100.0	1625	104.1	1652	108.4	1706	117.2
13000	3517	1432	78.7	1462	82.7	1494	87.0	1520	90.6	1547	94.6	1575	98.8	1604	103.2	1630	107.3	1655	111.2	1705	119.8
13500	3653	1438	81.4	1466	85.2	1494	89.1	1524	93.3	1553	97.7	1578	101.6	1605	105.6	1632	110.0	1660	114.6	1709	123.0
14000	3788	1439	83.6	1470	87.8	1500	92.0	1526	95.9	1554	100.1	1582	104.5	1611	109.0	1635	113.0	1660	117.2		
14500	3923	1446	86.5	1473	90.3	1501	94.5	1531	98.9	1559	103.2	1585	107.2	1611	111.6	1639	116.2	1666	120.8		
15000	4058	1448	88.8	1478	93.1	1507	97.4	1533	101.5	1561	105.9	1590	110.6	1616	114.8	1641	119.0	1667	123.5		
15500	4194	1453	91.7	1481	95.7	1510	100.1	1540	104.8	1565	108.9	1592	113.2	1619	117.8	1647	122.7	1671	126.9		
16000	4329	1456	94.2	1487	98.8	1514	103.0	1541	107.4	1570	112.0	1598	116.7	1622	120.9	1648	125.5	1675	130.3	1684	137.5
17000	4870	1476	105.8	1505	110.6	1532	115.1	1560	120.0	1588	124.9	1613	129.5	1639	134.4	1666	139.6	1691	144.3		
19000	5141	1486	111.9	1514	116.7	1542	121.6	1570	126.8	1596	131.5	1622	136.5	1649	141.7	1675	146.8	1698	151.6	1708	159.3
20000	5411	1496	118.2	1523	123.1	1552	128.3	1579	133.5	1605	138.5	1632	143.7	1659	149.1	1683	154.1	1708	159.3		
21000	5682	1505	124.4	1533	129.6	1562	135.2	1589	140.3	1615	145.7	1643	151.3	1667	156.5	1692	161.8	1703	164.1	1703	169.9
23000	6223	1525	137.6	1554	143.4	1581	149.0	1609	154.8	1636	160.7	1661	1								

Size

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

Wheel Diameter = 50.5 in.
Outlet Area = 4.62 sq. ft. inside
Tip Speed, fpm = 13.22 x RPM

Model 32 Maximum RPM 1552
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP			23"SP			24"SP			25"SP			26"SP			27"SP			28"SP			29"SP			30"SP			32"SP			
CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP
12000	2610	1267	79.7	1297	84.5	1321	88.4	1345	92.6	1371	97.1	1397	101.9	1425	107.1	1449	111.7	1470	115.9	1514	125.1										
12500	2718	1268	81.5	1295	85.9	1323	90.6	1351	95.5	1374	99.6	1398	104.0	1422	108.6	1447	113.6	1474	118.9	1519	128.4										
13000	2827	1273	84.1	1298	88.2	1323	92.5	1349	97.1	1377	102.1	1404	107.2	1425	111.4	1448	115.9	1471	120.7	1520	131.1										
13500	2936	1272	85.7	1300	90.5	1328	95.3	1352	99.6	1376	104.1	1401	108.9	1428	114.0	1454	119.4	1475	123.8	1519	133.2										
14000	3045	1275	88.1	1301	92.4	1327	97.1	1355	102.2	1381	107.0	1404	111.4	1427	116.1	1452	121.1	1477	126.5	1523	136.7										
14500	3153	1277	90.2	1306	95.2	1330	99.5	1355	104.2	1381	109.1	1408	114.4	1432	119.3	1454	123.9	1476	128.7	1524	139.4										
15000	3262	1278	92.4	1305	97.1	1333	102.2	1359	107.0	1382	111.6	1407	116.4	1432	121.6	1459	127.2	1481	132.1	1524	141.8										
15500	3371	1283	95.1	1308	99.6	1333	104.3	1360	109.3	1387	114.7	1410	119.4	1433	124.2	1457	129.3	1482	134.7	1529	145.4										
16000	3480	1283	97.0	1311	102.1	1337	107.1	1361	111.8	1386	116.8	1413	122.1	1438	127.5	1460	132.3	1482	137.3	1529	148.2										
17000	3697	1289	102.0	1316	107.2	1341	112.0	1366	117.1	1393	122.5	1417	127.7	1440	132.7	1463	137.9	1487	143.4	1534	154.6										
18000	3915	1296	107.3	1320	112.1	1346	117.3	1373	122.9	1397	128.1	1420	133.2	1444	138.6	1469	144.3	1493	150.0	1536	160.5										
19000	4132	1300	112.3	1326	117.5	1353	123.1	1378	128.4	1401	133.7	1426	139.2	1452	145.2	1474	150.5	1496	155.9	1542	167.5										
20000	4350	1306	117.7	1333	123.4	1358	128.8	1383	134.2	1408	139.9	1433	145.9	1455	151.1	1478	156.7	1502	162.6	1547	174.5										
21000	4567	1314	123.5	1340	129.2	1364	134.6	1389	140.4	1415	146.4	1437	151.9	1461	157.6	1485	163.7	1508	169.8	1551	181.3										
22000	4784	1321	129.4	1346	135.0	1371	140.9	1397	146.9	1420	152.5	1444	158.5	1468	164.8	1491	170.6	1512	176.5												
23000	5002	1327	135.2	1353	141.2	1379	147.4	1402	153.2	1427	159.3	1452	165.8	1474	171.5	1496	177.6	1519	184.0												
24000	5219	1334	141.3	1361	147.7	1385	153.6	1409	159.9	1435	166.4	1457	172.4	1480	178.7	1504	185.3	1526	191.6												
25000	5437	1342	147.7	1367	153.9	1392	160.3	1417	167.0	1440	173.1	1464	179.6	1488	186.5	1510	192.7	1532	199.1												
26000	5654	1349	153.9	1374	160.4	1400	167.3	1423	173.6	1447	180.4	1472	187.3	1494	193.6	1516	200.3	1540	207.4												
27000	5872	1356	160.3	1382	167.4	1406	173.9	1431	180.8	1455	187.8	1478	194.4	1501	201.4	1525	208.6	1546	215.2												
28000	6089	1364	167.2	1388	174.0	1413	181.0	1438	188.2	1461	195.0	1485	202.2	1509	209.4	1530	216.3														
29000	6307	1371	173.9	1396	181.0	1421	188.4	1445	195.3	1469	202.8	1492	210.0	1515	217.1	1538	224.6														
30000	6524	1378	180.9	1404	188.4	1428	195.5	1453	203.1	1476	210.5	1499	217.8	1523	225.6	1545	232.9														
32000	6959	1395	195.9	1419	203.5	1444	211.2	1467	218.8	1492	226.8	1514	234.3	1537	242.2																
34000	7394	1413	212.3	1436	219.9	1461	228.0	1484	235.7	1507	243.8	1530	251.9	1552	259.9																

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

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

Wheel Diameter = 57.5 in.
Outlet Area = 5.99 sq. ft. inside
Tip Speed, fpm = 15.05 x RPM

Model 32 Maximum RPM 1361
Maximum Belt Drive Motor HP 350

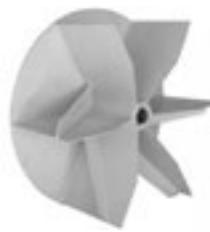
Volume O.Vel	22"SP			23"SP			24"SP			25"SP			26"SP			27"SP			28"SP			29"SP			30"SP			32"SP			
CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP	CFM	FPM	RPM	BHP
15000	2519	1113	101.2	1135	106.3	1158	111.8	1182	117.8	1207	124.2	1229	130.1	1248	135.4	1268	141.0	1289	146.9	1332	160.0										
16000	2687	1113	104.7	1138	110.6	1164	116.9	1186	122.5	1206	127.9	1228	133.7	1250	139.9	1273	146.5	1297	153.6	1333	164.9										
17000	2855	1118	109.4	1142	115.2	1163	120.6	1186	126.5	1209	132.7	1233	139.5	1254	145.5	1273	151.1	1293	157.1	1335	170.3										
18000	3023	1120	113.4	1143	119.1	1166	125.3	1192	132.0	1212	137.7	1233	143.5	1254	149.7	1276	156.3	1299	163.4	1338	176.0										
19000	3191	1122	117.7	1147	124.2	1170	130.2	1191	136.0	1213	142.3	1236	148.9	1260	156.1	1289	168.0	1339	181.4												
20000	3359	1127	122.8	1149	128.5	1172	134.7	1195	141.3	1219	148.2	1239	154.1	1259	160.4	1280	167.0	1302	174.1	1343	187.7										
21000	3527	1128	127.0	1152	133.4	1177	140.3	1198	146.4	1219	152.7	1241	159.4	1264	166.5	1285	173.3	1304	179.6	1344	193.3										
22000	3695	1133	132.1	1157	138.7	1178	144.9	1201	151.5	1224	158.6	1245	165.3	1265	171.7	1286	178.5	1307	185.7	1348	200.1										
23000	3863	1136	137.1	1159	143.5	1182	150.4	1205	157.4	1226	163.8	1247	170.6	1269	177.8	1291	185.4	1310	191.8	1349	205.9										
24000	4031	1140	142.2	1164	149.3	1186	155.9	1207	162.6	1230	169.7	1253	177.2	1272	183.7																
25000	4199	1145	147.9	1167	154.4	1190	161.4</td																								

Wheel Diameter = 64.375 in.

Outlet Area = 7.49 sq. ft. inside

Tip Speed, fpm = 16.85 x RPM

Model 32 Maximum RPM 1211



Maximum Belt Drive Motor HP 350

Size

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

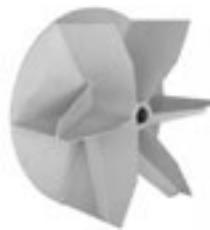
Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
20000	2672	993	131.2	1015	138.7	1039	146.8	1057	153.3	1075	160.2	1095	167.6	1115	175.5	1136	183.9	1156	192.3	1188	206.4
21000	2806	997	136.1	1016	142.7	1037	149.9	1058	157.5	1080	165.8	1099	173.3	1116	180.3	1134	187.8	1153	195.6	1192	213.0
22000	2939	997	139.6	1019	147.3	1041	155.3	1060	162.2	1079	169.5	1098	177.3	1119	185.7	1140	194.6	1156	201.7	1190	217.0
23000	3073	1001	144.6	1020	151.5	1040	159.0	1062	167.0	1084	175.7	1101	182.7	1119	190.2	1138	198.2	1157	206.6	1196	224.3
24000	3206	1001	148.4	1023	156.5	1044	164.4	1063	171.7	1082	179.4	1103	187.7	1124	196.6	1141	204.4	1158	212.0	1194	228.6
25000	3340	1005	153.5	1024	160.8	1045	168.6	1066	177.1	1086	185.3	1104	192.8	1123	200.8	1142	209.3	1162	218.3	1197	234.9
26000	3474	1006	157.7	1028	166.1	1048	174.0	1067	181.7	1087	189.9	1107	198.6	1127	207.3	1144	215.0	1162	223.2	1199	241.1
27000	3607	1009	162.9	1029	170.6	1049	178.8	1071	187.6	1090	195.6	1108	203.6	1127	212.1	1147	221.1	1166	230.3	1199	246.6
28000	3741	1011	167.6	1033	176.3	1052	184.2	1071	192.2	1091	200.9	1112	210.1	1130	218.2	1148	226.4	1166	235.2	1204	254.4
29000	3874	1014	172.8	1034	180.9	1055	189.5	1076	198.5	1094	206.5	1112	215.0	1132	224.0	1152	233.6	1169	241.8	1203	259.4
30000	4008	1016	177.9	1038	186.9	1057	194.9	1077	203.4	1097	212.6	1116	221.5	1134	229.8	1152	238.7	1171	248.1	1207	266.5
31000	4142	1019	183.3	1040	191.7	1060	200.8	1080	209.5	1099	218.0	1118	227.0	1138	236.6	1156	245.5	1173	254.2	1209	273.1
32000	4275	1023	188.7	1043	197.7	1062	206.2	1082	215.2	1103	224.9	1121	233.3	1139	242.2	1157	251.7	1177	261.7	1210	279.6
34000	4542	1029	200.1	1049	209.0	1069	218.0	1089	227.6	1108	236.9	1126	245.9	1144	255.4	1164	265.5	1181	274.9		
36000	4810	1036	211.9	1055	220.9	1075	230.4	1096	240.6	1113	249.6	1132	259.2	1151	269.4	1169	279.3	1186	288.7		
38000	5077	1043	223.7	1062	233.2	1082	243.4	1101	253.3	1120	263.0	1139	273.2	1158	283.7	1175	293.3	1192	303.4		
40000	5344	1049	235.8	1069	246.0	1090	256.8	1108	266.6	1126	276.9	1146	287.9	1163	297.8	1181	308.1	1199	319.0	1206	335.1
42000	5611	1056	248.3	1076	259.2	1096	269.9	1114	280.4	1134	291.5	1152	302.2	1170	312.7	1188	323.8				
44000	5878	1063	261.3	1083	272.8	1102	283.5	1121	294.7	1141	306.2	1158	316.9	1177	328.2	1195	340.1				
46000	6146	1070	274.7	1090	286.3	1109	297.5	1129	309.5	1147	320.7	1165	332.2	1184	344.5	1201	355.6				
48000	6413	1078	288.9	1097	300.3	1116	312.2	1136	324.2	1154	335.9	1173	348.3	1190	360.1	1208	371.9				
50000	6680	1085	303.2	1104	315.1	1124	327.6	1142	339.4	1161	351.8	1180	364.3	1197	376.4	1204	393.5				
52000	6947	1093	318.2	1112	330.7	1131	343.0	1150	355.4	1169	368.4	1186	380.6								
54000	7214	1101	334.2	1121	346.9	1139	359.3	1158	372.3	1176	384.9	1194	397.9								
56000	7482	1110	351.2	1129	363.7	1147	376.6	1166	389.6	1183	402.6	1202	416.2								

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 6630 WF Industrial Centrifugal Fans**

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
22000	2394	893	151.1	914	160.1	935	169.7	951	177.3	968	185.3	985	194.0	1003	203.2	1021	213.1	1041	223.7	1071	241.1
23000	2502	895	155.4	913	163.4	932	172.1	952	181.4	972	191.5	988	199.7	1004	208.0	1020	216.8	1037	226.1	1073	246.6
24000	2611	896	159.3	918	168.9	934	176.8	952	185.1	970	194.1	988	203.8	1008	214.1	1025	223.4	1040	231.8	1071	250.1
25000	2720	897	163.0	916	171.7	936	181.2	956	191.1	972	199.2	989	207.9	1006	217.2	1024	227.1	1042	237.6	1074	256.8
26000	2829	901	168.2	918	176.4	936	185.0	954	194.2	974	204.1	993	214.4	1008	222.8	1024	231.8	1041	241.3	1075	262.1
27000	2938	899	171.4	920	180.9	940	190.7	956	199.1	973	208.1	991	217.7	1010	228.0	1029	238.8	1044	247.5	1074	266.4
28000	3046	902	176.2	920	184.9	939	194.2	958	204.3	977	214.0	993	222.8	1009	232.2	1027	242.2	1045	252.8	1078	273.3
29000	3155	903	180.4	924	190.4	941	199.1	958	208.3	977	218.2	996	228.8	1013	238.5	1028	247.7	1044	257.4	1078	278.6
30000	3264	904	184.7	923	194.1	943	204.3	961	214.0	981	223.1	995	232.8	1013	243.2	1032	254.3	1047	264.1	1078	283.6
32000	3482	908	194.0	927	204.2	946	214.1	963	223.5	981	233.5	999	244.2	1017	255.1	1033	264.5	1048	274.5	1082	296.3
34000	3699	912	204.1	931	214.4	948	223.9	966	234.1	985	245.0	1003	255.5	1018	265.3	1035	275.7	1052	286.8		
36000	3917	917	214.6	934	224.3	952	234.6	971	247.5	988	256.1	1005	266.3	1022	277.1	1039	288.6	1056	300.0		
38000	4135	920	224.6	938	235.1	957	246.3	974	256.9	991	267.3	1009	278.4	1027	290.3	1043	301.0	1058	311.7		
40000	4352	924	235.4	943	246.7	961	257.6	978	268.3	996	279.7	1014	291.7	1029	302.3	1045	313.4	1062	325.2		
42000	4570	929	247.0	948	258.3	965	269.2	983	280.8	1001	292.8	1017	303.7	1033	315.2	1050	327.4	1067	339.6		
44000	4787	934	258.9	952	269.9	970	281.8	988	293.9	1004	305.1	1021	317.0	1039	329.6	1054	341.3	1070	352.9		
46000	5005	939	270.3	957	282.4	975	294.8	992	306.3	1009	318.5	1027	331.5	1042	343.1	1058	355.2	1075	368.0		
48000	5223	944	282.5	963	295.5	979	307.3	997	319.8	1015	332.9	1031	344.8	1047	357.3	1064	370.6	1079	383.2		
50000	5440	949	295.5	967	30																

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 32 Maximum RPM 1000
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP	
CFM FPM	RPM	BHP																		
28000 2529	817	188.8	833	198.3	849	208.4	867	219.4	885	231.2	902	242.7	916	252.5	930	262.8	945	273.7	977	297.7
30000 2710	817	195.8	834	206.5	853	218.0	871	229.4	885	239.3	900	249.8	916	261.1	933	273.1	950	286.0	978	308.4
32000 2890	819	204.5	839	216.5	854	226.4	870	237.0	886	248.3	904	260.4	922	273.4	935	283.7	949	294.5	979	318.2
34000 3071	823	213.7	839	224.0	855	235.1	873	247.0	891	259.7	905	270.2	920	281.2	935	293.0	951	305.6	983	331.5
36000 3252	824	221.8	841	233.3	859	245.7	875	256.9	891	268.0	906	279.8	923	292.4	940	306.0	954	317.1	982	340.8
38000 3432	827	231.4	845	243.8	860	254.7	877	266.3	893	278.8	911	292.1	925	303.3	940	315.1	955	327.5	986	354.8
40000 3613	830	241.4	846	252.7	863	264.8	880	277.8	896	289.7	911	301.5	927	314.0	943	327.3	959	341.2	986	365.2
42000 3793	832	250.7	849	263.2	867	276.1	882	287.7	898	300.1	914	313.3	931	327.0	945	338.9	959	351.4	989	378.8
44000 3974	835	261.4	852	274.0	868	286.0	885	298.9	902	312.7	917	324.9	932	337.5	947	350.9	963	365.1	991	391.2
46000 4155	839	271.9	855	284.4	872	297.7	888	311.0	904	323.4	919	336.6	935	350.7	951	364.3	964	377.0	994	404.8
48000 4335	842	282.6	859	296.3	875	309.1	891	322.1	907	335.9	923	350.0	938	362.8	952	376.3	968	390.7	997	418.6
50000 4516	846	294.6	862	307.3	878	320.8	895	335.1	910	348.4	925	361.8	941	376.1	957	391.2	970	404.3	999	432.6
52000 4697	849	305.4	866	319.3	883	333.7	898	346.9	913	361.0	930	375.9	944	389.7	958	403.5	973	418.1		
54000 4877	853	317.4	870	331.7	885	345.4	901	360.0	917	374.8	932	388.6	947	403.1	963	418.6	977	433.0		
56000 5058	857	329.5	873	343.7	890	358.8	905	373.2	920	387.6	936	402.8	951	418.0	965	432.2	980	447.3		
58000 5239	860	341.4	877	357.1	893	371.4	909	386.4	925	402.3	939	416.7	954	431.7	969	447.6	984	463.2		
60000 5419	865	354.6	880	369.2	897	384.8	913	400.5	928	415.4	943	431.2	959	447.5	973	462.3	987	477.9		
62000 5600	868	366.5	885	382.6	901	398.3	916	413.8	932	430.3	947	446.0	961	461.5	976	478.0	991	494.6		
64000 5780	872	379.8	888	395.7	904	411.8	921	428.8	935	444.3	951	460.7	966	478.0	980	493.5	994	509.7		
66000 5961	876	392.6	892	409.2	908	426.1	924	442.3	939	459.4	955	476.2	974	492.4	984	509.6	999	527.0		
68000 6142	880	406.1	896	423.1	912	439.8	928	457.5	943	474.1	958	491.1	974	509.2	988	525.7				
70000 6322	884	420.0	900	437.0	916	454.9	931	471.7	947	489.4	962	507.2	977	524.2	991	542.2				
74000 6684	892	448.8	908	466.3	924	484.9	939	502.3	955	520.7	970	539.2	984	557.0	999	575.8				
78000 7045	901	479.5	917	497.5	933	516.5	948	534.6	963	553.5	978	572.6	992	591.2						
82000 7406	911	512.4	926	530.7	942	550.2	956	568.7	971	588.2	986	607.7								

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

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

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

Model 32 Maximum RPM 922
Maximum Belt Drive Motor HP 350

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP	
CFM FPM	RPM	BHP																		
34000 2590	750	226.9	767	239.5	781	250.9	796	263.1	811	276.2	828	290.3	844	305.3	857	316.9	869	329.1	896	355.8
36000 2742	751	234.2	766	246.5	783	259.7	800	274.0	814	286.4	828	298.6	842	311.6	856	325.4	871	340.1	900	369.2
38000 2895	753	242.7	770	256.8	785	268.8	799	281.3	814	294.6	830	308.9	846	324.2	859	336.8	872	349.6	899	377.5
40000 3047	755	251.7	770	264.1	786	277.4	802	291.8	817	305.7	831	318.3	845	331.7	859	346.0	874	361.2	902	390.5
42000 3199	756	259.9	773	274.1	788	287.8	802	300.5	817	314.2	833	328.8	849	344.5	862	357.8	875	371.2	902	400.4
44000 3352	759	270.2	774	282.9	789	296.5	805	311.1	821	326.1	834	339.1	848	353.0	862	367.8	877	383.5	904	413.1
46000 3504	760	278.5	776	292.8	792	307.7	806	320.9	821	335.0	836	350.0	852	366.0	865	379.9	878	394.0	905	424.6
48000 3656	763	289.3	778	302.8	793	316.7	808	331.7	824	347.4	838	361.0	851	375.5	866	390.8	881	407.1	907	437.1
50000 3809	764	298.3	780	312.9	796	328.7	810	342.4	825	356.9	840	372.5	855	389.0	868	403.2	881	418.0	909	450.1
52000 3961	767	309.2	783	323.8	797	338.2	813	353.6	828	369.9	842	384.1	855	399.1	870	415.1	884	432.1	910	462.6
54000 4113	769	319.2	785	334.3	801	350.5	815	365.0	829	380.1	844	396.2	859	413.2	872	427.8	885	443.3	913	477.0
56000 4266	772	330.4	788	345.9	802	360.8	817	376.8	833	393.5	846	408.4	860	424.1	874	440.7	889	458.4	914	489.5
58000 4418	774	341.3	790	356.9	806	373.6	820	388.8	834	404.5	849	421.3	863	438.3	876	453.7	889	470.0	917	505.4
60000 4571	777	352.8	793	369.1	807	384.6	822	401.2	837	418.3	851	433.9	865	450.3	879	467.7	893	485.2	918	517.8
62000 4723	780	364.2	795	380.5	811	397.9	825	413.7	839	430.2	854	447.6	868	464.7	881	480.9	894	498.1	921	534.1
64000 4875	783	376.1	799	393.1	813	409.4	828	426.7	843	444.2	856	460.5	870	477.8	884	496.1	897	513.2		
66000 5028	786	388.0	801	405.1	817	423.3	830	439.6	845	456.9	859	475.3	873	492.4	886	509.5	899	527.5		
70000 5332	792	412.6	807	430.5	822	449.3	836	466.4	850	484.7	865	504.0	878	521.1	891	539.3	905	558.4		
74000 5637	798	437.8	813	456.6	828	475.9	842	494.1	856	513.4	871	532.8	884	551.0	897	570.3	911	590.6		
78000 5942	804	463.8	819	483.5	834	503.3	848	522.6	863	543.0	876	562.5	886	581.9	903	602.4	917	622.5		
82000 6246	810	490.8	825	511.4	840	531.5	854	551.9	869	573.4	882</									

Wheel Diameter = 19.125 in.

Outlet Area = 0.66 sq. ft. inside

Tip Speed, fpm = 5.01 x RPM

Model 32 Maximum RPM 3502



Maximum Belt Drive Motor HP 25

Size

11 SISW**Design 6640 WF-PT 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	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	3.95	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	5434	1970	6.44	2188	7.90	2397	9.50	2596	11.19	2785	12.96	2961	14.78	3131	16.68	3288	18.57	3438	20.51		
3800	5735	2030	7.23	2239	8.74	2440	10.37	2633	12.12	2817	13.94	2990	15.82	3158	17.77	3315	19.75	3464	21.76		
4000	6037	2091	8.09	2293	9.66	2485	11.33	2672	13.12	2851	14.99	3021	16.92	3186	18.93	3342	20.97	3490	23.05		
4200	6339	2153	9.03	2349	10.67	2534	12.37	2715	14.20	2888	16.11	3055	18.09	3216	20.16	3370	22.26				
4400	6641	2216	10.04	2407	11.75	2585	13.50	2759	15.36	2928	17.32	3090	19.35	3248	21.46	3399	23.62				
4600	6943	2279	11.11	2466	12.92	2639	14.72	2807	16.61	2970	18.61	3128	20.69	3283	22.85	3430	25.05				
4800	7245	2343	12.27	2527	14.18	2694	16.03	2856	17.96	3015	20.00	3168	22.12	3319	24.32	3463	26.57				

Power rating (BHP) does not include drive losses.

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

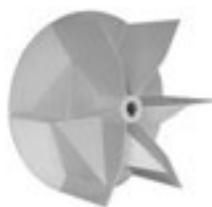
AMCA Certified Ratings Seal does not apply to the above data.

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

Wheel Diameter = 22.625 in.

Outlet Area = 0.93 sq. ft. inside

Tip Speed, fpm = 5.92 x RPM



Model 32 Maximum RPM 2964

Size

13 SISW**Design 6640 WF-PT 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	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	497																				

Size

15 SISW**Design 6640 WF-PT Industrial Centrifugal Fans**

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

Model 32 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	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
5600	4545	1325	8.39	1508	10.88	1678	13.59	1836	16.45	1980	19.40	2115	22.43	2238	25.47	2354	28.57	2464	31.73	
6000	4870	1367	9.57	1541	12.16	1706	14.97	1859	17.93	2002	21.02	2135	24.19	2260	27.44	2376	30.70	2487	34.03	
6400	5195	1411	10.91	1577	13.56	1735	16.46	1884	19.55	2025	22.77	2155	26.04	2280	29.44	2397	32.90	2507	36.35	
6800	5519	1457	12.38	1615	15.12	1766	18.11	1911	21.29	2048	24.60	2178	28.03	2300	31.54	2417	35.14	2526	38.77	
7200	5844	1505	14.02	1656	16.85	1801	19.91	1941	23.17	2074	26.59	2201	30.15	2322	33.78	2437	37.51	2547	41.29	
7600	6169	1553	15.80	1699	18.76	1838	21.89	1972	25.23	2102	28.75	2227	32.42	2345	36.15	2459	40.00			
8000	6493	1602	17.72	1744	20.84	1877	24.05	2007	27.47	2132	31.07	2254	34.84	2370	38.68	2481	42.64			
8400	6818	1652	19.81	1790	23.11	1919	26.41	2043	29.90	2165	33.58	2283	37.44	2396	41.38	2506	45.45			

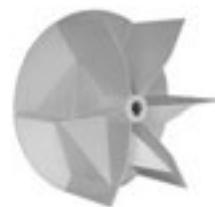
Power rating (BHP) does not include drive losses.

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.

Size

17 SISW**Design 6640 WF-PT Industrial Centrifugal Fans**

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

Model 32 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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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										

Performance Data

Wheel Diameter = 33.00 in.

Outlet Area = 1.97 sq. ft. inside

Tip Speed, fpm = 8.64 x RPM

Model 32 Maximum RPM 2026

Maximum Belt Drive Motor HP 75



Size

19 SISW

Design 6640 WF-PT Industrial Centrifugal Fans

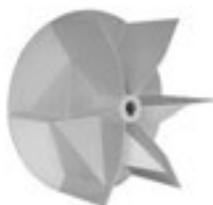
Volume O.Vel	4"SP		6"SP		8"SP		10"SP		12"SP		14"SP		16"SP		18"SP		20"SP		22"SP	
	CFM	FPM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2000 1009	826	2.47	1006	4.08	1156	5.89	1298	8.02	1406	9.98	1535	12.68	1618	14.69	1708	17.05	1808	19.98	1920	23.63
2500 1261	830	2.85	1011	4.59	1164	6.55	1296	8.64	1418	10.94	1528	13.36	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	6.46	1179	8.84	1311	11.33	1431	13.99	1546	16.86	1646	19.70	1744	22.76	1834	25.87	1928	29.39
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	1921	50.00	2001	54.90
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	2014	57.84
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	55.55	1964	58.51
11000 5547	1142	19.22	1266	23.44	1382	27.95	1496	32.71	1603	37.63	1703	42.69	1795	47.86	1882	53.15	1980	61.60		
11500 5799	1170	21.15	1291	25.50	1403	30.12	1513	35.00	1619	40.06	1718	45.26	1811	50.60	1898	56.07				
12000 6052	1198	23.22	1317	27.73	1426	32.45	1532	37.45	1635	42.64	1733	47.97	1827	53.48	1913	59.08	1995	64.77		
12500 6304	1228	25.45	1343	30.10	1450	34.95	1552	40.05	1652	45.38	1749	50.83	1842	56.48	1928	62.18	2010	68.01	2025	71.43
13000 6556	1257	27.82	1370	32.64	1474	37.61	1574	42.81	1670	48.24	1765	53.86	1857	59.60	1943	65.46				
13500 6808	1287	30.35	1398	35.36	1500	40.43	1596	45.74	1690	51.28	1783	57.05	1872	62.89	1958	68.91				
14000 7060	1318	33.05	1426	38.24	1526	43.45	1620	48.88	1711	54.51	1801	60.36	1888	66.37	1974	72.56				

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.



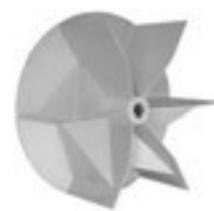
Size

21 SISW

Design 6640 WF-PT 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
2500 1033	726	3.07	881	4.97																
3000 1240	733	3.49	889	5.58	1020	7.86														
3500 1446	740	3.93	895	6.19	1025	8.62	1141	11.24	1243	13.96	1348	18.27	1434	21.37	1440	22.85	1525	26.41	1602	29.9
4000 1653	748	4.37	902	6.83	1032	9.44	1146	12.19	1249	15.09	1355	19.64								
4500 1859	756	4.82	910	10.35	1041	10.35	1153	13.24	1257	16.32										
5000 2066	764	5.3	916	8.13	1046	11.16	1162	14.35	1265	17.6	1362	21.07	1447	24.42	1530	28.07	1609	31.8	1686	35.77
5500 2273	773	5.87	925	8.82	1053	12.03	1169	15.42	1273	18.92	1368	22.5	1453	26.07	1536	29.84	1616	33.82	1689	37.71
6000 2479	783	6.5	932	9.54	1062	12.94	1175	16.47	1279	20.21	1374	23.98	1460	27.76	1542	31.67	1625	35.94	1694	39.84
6500 2686	794	7.18	941	10.35	1069	13.82	1182	17.55	1286	21.47	1381	25.48	1468	29.49	1549	33.57	1630	37.95	1701	42.11
7000 2892	805	7.91	951	11.25	1077	14.8	1190	18.67	1293	22.75	1388	26.98	1475	31.23	1556	35.51	1635	39.98		
7500 3099	817	8.68	961	12.22	1086	15.9	1198	19.85	1300	24.06	1395	28.49	1483	32.98	1564	37.47	1641	42.07	1719	46.99
8000 3306	831	9.52	972	13.25	1096	17.09	1206	21.14	1307	25.43	1402	30.01	1490	34.72	1572	39.44	1648	44.22	1724	49.21
8500 3512	846	10.42	984	14.35	1106	18.37	1216	22.53	1315	26.9	1410	31.6	1498	36.46	1580	41.43	1656	46.39	1729	51.48
9000 3719	862	11.42	995	15.47	1116	19.71	1225	24.03	1324	28.48	1418	33.27	1504	38.21	1587	43.37	1664	48.6	1736	53.82
9500 3925	879	12.5	1008	16.68	1127	21.11	1235	25.62	1333	30.2	1426	35.04	1512	40.06	1593	45.32	1672	50.79	1744	56.24
10000 4132	898	13.68	1022	17.97	1139	22.57	1246	27.29	1343	32.03	1435	36.95	1520	42.05	1600	47.38	1678	52.93	1753	58.73
10500 4339	917	14.96	1037	19.36	1151	24.11	1257	29.04	1354	33.96	1444	39	1528	44.19	1608	49.6	1685	55.22	1759	61.05
11000 4545	937	16.34	1054	20.85	1164	25.72	1268	30.85	1364	35.99	1454	41.16	1538	46.48	1617	51.98	1693	57.67	1766	63.55
11500 4752	957	17.82	1071	22.46	1178	27.44	1280	32.72	1376	38.1	1464	43.44	1548	48.93	1627	54.55	1702	60.32	1774	66.25
12000 4958	977	19.41	1089	24.19	1193	29.27	1292	34												

Size

23 SISW**Design 6640 WF-PT Industrial Centrifugal Fans**

Wheel Diameter = 40.00 in.

Outlet Area = 2.90 sq. ft. inside

Tip Speed, fpm = 10.47 x RPM

Model 32 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	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	11.74	1082	15.34	1180	19.06	1268	22.94	1361	27.48	1432	31.42	1512	36.23	1584	40.94
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	1084	30.01	1183	36.21	1275	42.67	1360	49.25	1440	55.92	1514	62.67	1585	69.52	1654	76.59
14000 4840	880	21.15	997	27.10	1103	33.33	1200	39.77	1290	46.50	1376	53.52	1455	60.59	1529	67.76	1600	75.04	1668	82.34
15000 5186	910	24.28	1021	30.41	1125	37.01	1219	43.73	1308	50.72	1390	57.93	1470	65.43	1545	73.06	1615	80.70		
16000 5532	942	27.79	1045	34.05	1146	40.95	1240	48.06	1326	55.28	1407	62.74	1485	70.47	1559	78.41	1629	86.45		
17000 5878	974	31.71	1072	38.12	1169	45.24	1261	52.68	1345	60.22	1425	67.98	1501	75.91	1574	84.11	1643	92.48		
18000 6223	1008	36.04	1102	42.65	1194	49.92	1283	57.66	1366	65.57	1445	73.65	1519	81.79	1590	90.22	1658	98.86		
19000 6569	1042	40.79	1132	47.67	1220	55.06	1306	63.03	1388	71.30	1465	79.68	1538	88.13	1608	96.78				
20000 6915	1077	45.97	1164	53.18	1247	60.70	1330	68.83	1410	77.40	1486	86.13	1558	94.92	1626	103.82				

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.

Size

26 SISW**Design 6640 WF-PT Industrial Centrifugal Fans**

Wheel Diameter = 45.125 in.

Outlet Area = 3.69 sq. ft. inside

Tip Speed, fpm = 11.81 x RPM

Model 32 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						

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

Model 32 Maximum RPM 4014[†]
Maximum Belt Drive Motor HP 40



Size

11

SISW

Design 6650 AH Industrial Centrifugal Fans

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
1500	2264	3284	8.7	3355	9.2	3429	9.7	3507	10.3	3578	10.8	3636	11.2	3695	11.7	3757	12.2	3821	12.8	3956	14.0
1600	2415	3289	9.1	3372	9.7	3433	10.1	3497	10.6	3563	11.1	3632	11.6	3704	12.2	3780	12.8	3834	13.3	3945	14.3
1700	2566	3291	9.5	3359	10.0	3430	10.5	3504	11.0	3581	11.6	3639	12.0	3698	12.5	3760	13.1	3824	13.6	3960	14.8
1800	2717	3290	9.9	3368	10.4	3440	10.9	3502	11.4	3567	11.9	3635	12.5	3705	13.0	3779	13.7	3833	14.1	3947	15.2
1900	2868	3299	10.3	3365	10.8	3434	11.3	3506	11.9	3581	12.5	3642	13.0	3702	13.5	3764	14.0	3828	14.6	3963	15.8
2000	3019	3296	10.7	3370	11.3	3447	11.8	3508	12.3	3572	12.8	3639	13.4	3708	14.0	3780	14.6	3835	15.1	3950	16.2
2100	3170	3307	11.2	3374	11.7	3440	12.2	3510	12.8	3583	13.4	3647	14.0	3707	14.5	3768	15.0	3832	15.6	3966	16.9
2200	3321	3305	11.6	3376	12.2	3451	12.8	3516	13.3	3579	13.9	3645	14.4	3713	15.0	3782	15.7	3838	16.2	3954	17.4
2300	3471	3314	12.1	3384	12.7	3450	13.2	3518	13.8	3588	14.4	3654	15.0	3713	15.6	3775	16.1	3839	16.8	3966	18.1
2400	3622	3317	12.5	3386	13.1	3459	13.7	3526	14.3	3588	14.9	3653	15.5	3720	16.2	3787	16.8	3843	17.4	3961	18.6
2500	3773	3325	13.0	3397	13.6	3461	14.2	3528	14.8	3597	15.5	3663	16.1	3722	16.7	3783	17.3	3847	18.0	3970	19.3
2600	3924	3332	13.4	3400	14.1	3470	14.7	3538	15.4	3600	16.0	3664	16.6	3730	17.3	3794	18.0	3851	18.6	3970	19.9
2700	4075	3340	13.9	3413	14.6	3476	15.2	3541	15.9	3609	16.6	3674	17.2	3733	17.8	3794	18.5	3858	19.2	3976	20.5
2800	4226	3351	14.4	3416	15.0	3485	15.7	3552	16.4	3614	17.1	3677	17.7	3743	18.5	3804	19.2	3861	19.8	3981	21.2
2900	4377	3359	14.8	3431	15.5	3493	16.2	3558	16.9	3625	17.6	3687	18.3	3746	19.0	3808	19.7	3872	20.5	3986	21.8
3000	4528	3371	15.3	3436	16.0	3504	16.7	3570	17.4	3630	18.1	3693	18.9	3759	19.6	3817	20.3	3875	21.0	3996	22.5
3200	4830	3394	16.2	3459	16.9	3525	17.7	3589	18.5	3650	19.2	3713	20.0	3777	20.8	3833	21.5	3891	22.3	4013	23.9
3400	5132	3420	17.1	3484	17.9	3550	18.7	3612	19.5	3672	20.3	3735	21.1	3796	21.9	3852	22.7	3911	23.5		
3600	5434	3448	18.1	3511	18.9	3577	19.8	3636	20.5	3697	21.4	3760	22.2	3817	23.0	3874	23.9	3933	24.7		
3800	5735	3477	19.1	3541	20.0	3605	20.8	3664	21.6	3725	22.5	3786	23.4	3842	24.2	3899	25.1	3959	26.0		
4000	6037	3510	20.2	3573	21.1	3634	21.9	3693	22.8	3755	23.7	3812	24.6	3869	25.4	3927	26.4	3984	27.3		
4200	6339	3544	21.3	3608	22.2	3666	23.1	3726	24.0	3786	24.9	3841	25.8	3899	26.7	3957	27.7	4010	28.6		
4400	6641	3580	22.5	3641	23.4	3700	24.3	3760	25.3	3817	26.2	3873	27.1	3932	28.1	3985	29.0				
4600	6943	3619	23.7	3677	24.6	3736	25.6	3795	26.6	3850	27.5	3908	28.5	3963	29.5						
4800	7245	3657	24.9	3715	25.9	3775	26.9	3830	27.9	3887	28.9	3944	29.9	3996	30.9						

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.

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

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



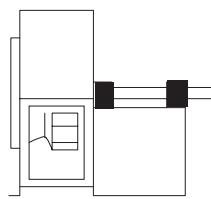
Size

13

SISW

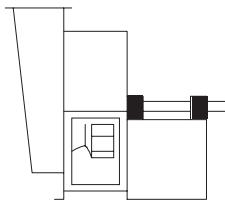
Design 6650 AH Industrial Centrifugal Fans

Volume O.Vel	22"SP		23"SP		24"SP		25"SP		26"SP		27"SP		28"SP		29"SP		30"SP		32"SP		
	CFM	FPM	RPM	BHP																	
2300	2485	2780	12.9	2843	13.6	2910	14.4	2967	15.1	3019	15.7	3072	16.4	3127	17.2	3185	18.0	3245	18.8	3347	20.3
2400	2594	2788	13.4	2843	14.0	2902	14.7	2963	15.4	3026	16.2	3083	17.0	3132	17.7	3182	18.4	3235	19.1	3346	20.8
2500	2702	2785	13.7	2852	14.5	2909	15.2	2962	15.9	3018	16.6	3076	17.3	3137	18.2	3195	19.0	3242	19.7	3339	21.1
2600	2810	2786	14.1	2845	14.8	2907	15.6	2972	16.4	3025	17.1	3077	17.8	3130	18.5	3186	19.3	3244	20.2	3348	21.8
2700	2918	2792	14.6	2852	15.3	2907	16.0	2964	16.7	3025	17.5	3087	18.4	3137	19.1	3187	19.8	3238	20.6	3346	22.2
2800	3026	2789	15.0	2851	15.7	2916	16.6	2969	17.3	3023	18.0	3079	18.7	3137	19.6	3197	20.4	3246	21.2	3342	22.7
2900	3134	2796	15.5	2852	16.2	2911	16.9	2972	17.7	3032	18.6	3083	19.3	3135	20.0	3189	20.8	3245	21.7	3351	23.4
3000	3242	2795	15.9	2860	16.7	2915	17.4	2970	18.2	3028	19.0	3087	19.8	3143	20.7	3192	21.4	3242	22.2	3349	23.9
3200	3458	2804	16.8	2863	17.6	2918	18.4	2977	19.2	3037	20.1	3090	20.9	3141	21.7	3194	22.5	3249	23.4	3354	25.1
3400	3674	2811	17.7	2867	18.5	2926	19.4	2987	20.3	3040	21.1	3092	21.9	3147	22.8	3203	23.7	3257	24.6	3352	26.3
3600	3890	2817	18.6	2876	19.5	2937	20.4	2991	21.3	3044	22.1	3100	23.1	3158	24.0	3207	24.9	3257	25.7	3360	27.6
3800	4106	2827	19.5	2888	20.5	2943	21.4	2998	22.3	3054	23.2	3111	24.3	3161	25.1	3211	26.0	3264	27.0	3367	28.9
4000	4232	2841	20.5	2898	21.4	2952	22.4	3009	23.4	3065	24.4	3116	25.3	3168	26.2	3222	27.3	3275	28.3	3370	30.2
4200	4539	2854	21.4	2908	22.3	2965	23.4	3021	24.4	3073	25.4	3126	26.4	3181	27.5	3231	28.5	3279	29.4	3381	31.5
4400	4755	2866	22.2	2922	23.3	2979	24.4	3031	25.4	3085	26.4	3140	27.6	3189	28.6	3239	29.6	3290	30.7	3389	32.8
4600	4971	2881	23.2	2939	24.3	2991	25.3	3045	26.4	3100	27.6	3149	28.6	3200	29.7	3253	30.8	3303	32.0	3397	34.1
4800	5187	2900	24.2	2952	25.2	3006	26.4	3061	27.5	3111	28.6	3163	29.7	3216	30.9	3264	32.0	3312	33.1		
5000	5403	2914	25.1	2969	26.3	3024	27.4	3074	28.5	3127	29.7	3180	30.9	3227	32.0	3276	33.2	3327	34.4		
5200	5619	2932	26.1	2988	27.3	3039	28.4	3092	29.6	3144	30.8	3192	32.0	3243	33.2	3294	34.5	3340	35		

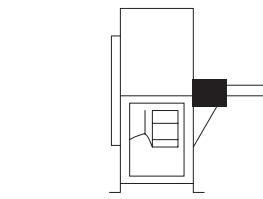
SW - Single Width
SI - Single InletDW - Double Width
DI - Double Inlet

1 SWSI

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

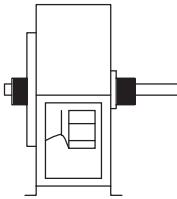


1 SWSI c/w BOX



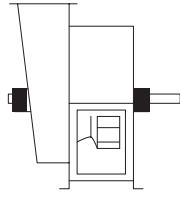
2 SWSI

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



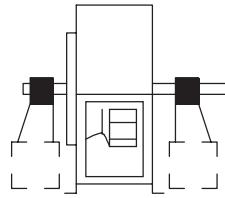
3 SWSI

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



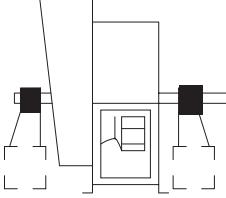
3 SWSI c/w BOX

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



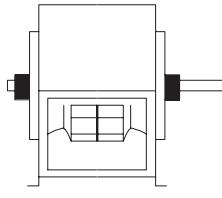
3 SWSI c/w IND. PED.

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



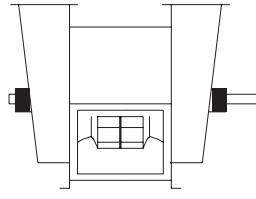
3 SWSI c/w BOX & IND. PED.

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.



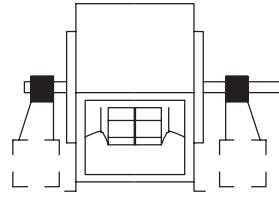
3 DWDI

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



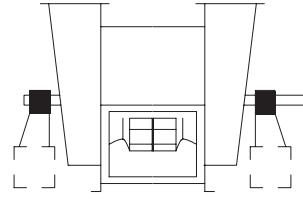
3 DWDI c/w BOXES

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



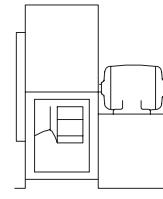
3 DWDI c/w IND. PED.

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



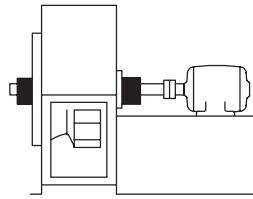
3 DWDI c/w BOXES & IND. PED

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.



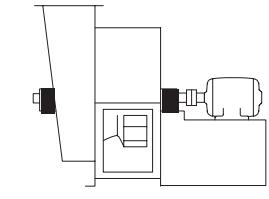
4 SWSI

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

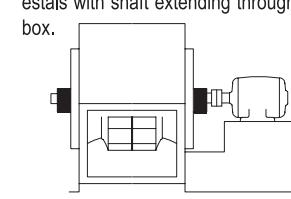


7 SWSI

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

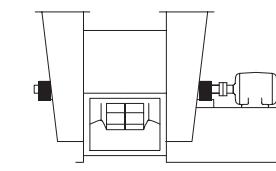


7 SWSI c/w BOX



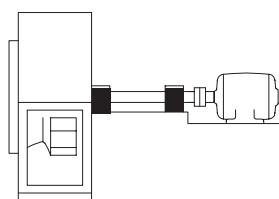
7 DWDI

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



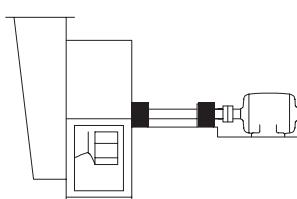
7 DWDI c/w BOXES

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

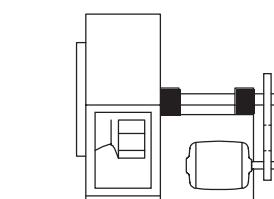


8 SWSI

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

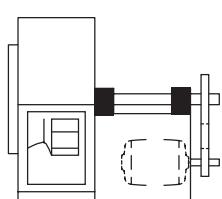


8 SWSI c/w BOX



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.



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