



Industrial Exhausters

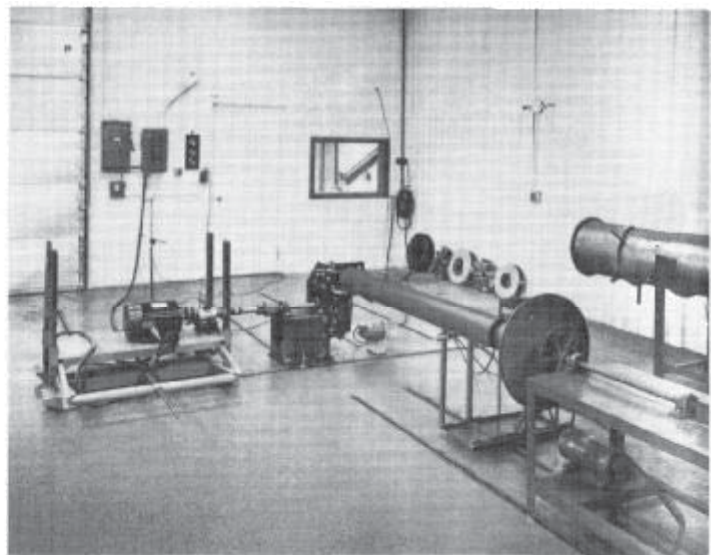
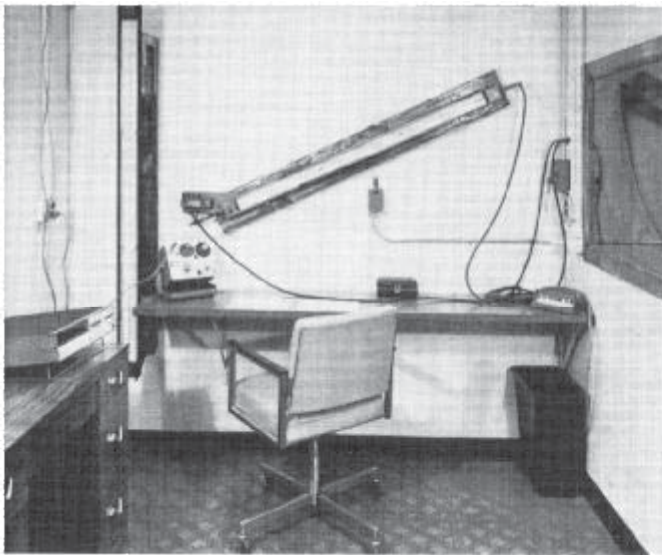
Bulletin IE-0606

June 2005



A Fläkt Woods Company

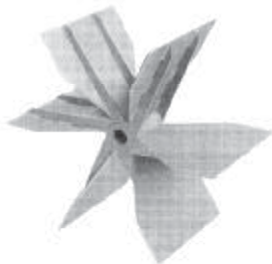




AMERICAN FAN TEST LABORATORY

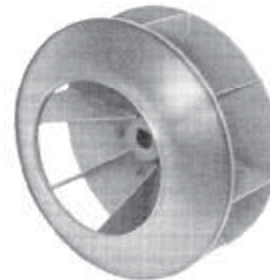
AMERICAN FAN HAS A HIGH EFFICIENCY WHEEL FOR YOUR APPLICATION.

MH
Material Handling



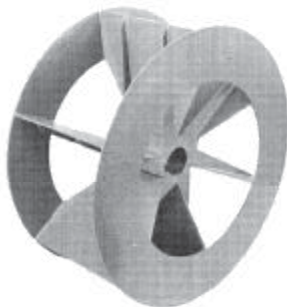
Model MH is a heavy-duty radial impeller with heavily reinforced blades. Model MH is specifically designed for conveying particulate matter, paper trim segments, sticky or wet dust, sawdust, wood shavings, and other materials of this type. Capacity selections are available up to 40,000 CFM and pressure selections up to 23" S.P.w.g. Higher performances are also available with special construction based on your specific application. High strength, stainless, and many other alloy steels can be supplied for abrasive and/or corrosive applications.

AH
Air Handling



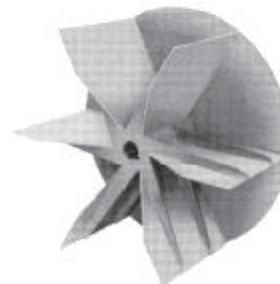
Model AH wheel is straight radial impeller constructed of heavy gage steel with a spun frontplate. The spinning is curved at the inlet for optimum efficiency and lipped at the perimeter for integral strength necessary for demanding industrial applications. Model AH is designed specifically for conveying a wide variety of industrial gases including smoke and air containing small concentrations of light dust. Capacity selections are available up to 40,000 CFM and pressure selections up to 24" S.P.w.g. Higher performances are also available with special construction suited to your requirement.

MHR
Material Handling



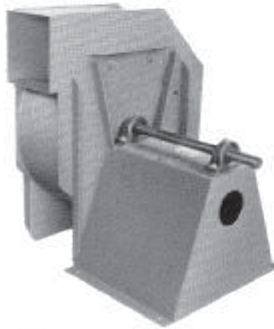
Model MHR wheel is the same as Model MH except rims are added for additional strength. Use Model MH rating tables.

MHB
Material Handling



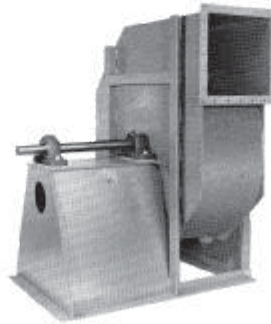
Model MHB has the addition of a backplate for material handling applications involving a stringy or continuous trim material. The backplate prevents the material from wrapping around the shaft. Use Model MH rating tables.

DESIGNS



DESIGN R

Available in sizes 7 thru 21 in arrangements 1, 4, 8, and 9. All housings and wheels (except MHB) are field rotatable in 45° increments and reversible.



DESIGN F

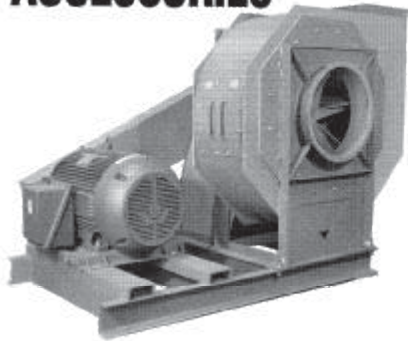
Available in sizes 23 thru 33 in arrangements 1, 8, and 9. All housings are fixed rotation and discharge.



DESIGN SQ

Available in sizes 7 thru 21 in arrangements 1, 4, and 9 and arrangements 1 and 9 thru size 26. All housings are non-reversible, however, they are field rotatable to any of four discharge positions—UB, DB, TH, BH.

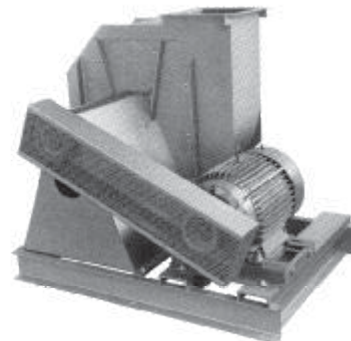
ACCESSORIES



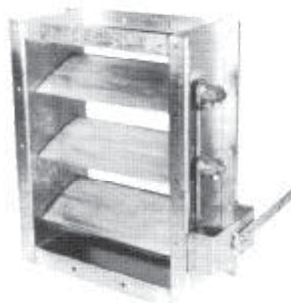
DESIGN F—IE-23-MH CW-UB WITH 200 HP 447-T MOTOR SHOWN

ARRT. 1 UNITARY

American Fan Co. offers unitary bases constructed of heavy channel iron for high horsepower or high temperature applications where ARRT. 9 is impractical. The unitary base design is a complete packaged unit simplifying handling and installation while providing a more uniform weight distribution necessary when vibration isolators are used. Unitary bases also allow excellent access for routine maintenance.



DESIGN R—IE-15 CCW-UB WITH 50 HP 326-T3 MOTOR SHOWN



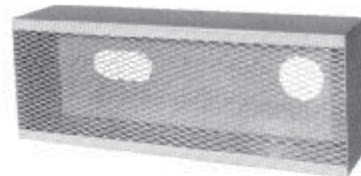
OUTLET DAMPER

Heavy-duty damper bolts onto blower outlet flange for controlled air flow. Parallel or opposed blade designs are furnished. Either manual or motorized linkage is available.



ACCESS DOOR

Heavy-duty bolt-on type provided as the standard design. Quick release and other types including extended access for high temperature insulated housing applications are available.



BELT GUARD

Standard guard is a totally enclosed design, as required by OSHA, for industrial applications.

ADDITIONAL AVAILABLE ACCESSORIES

Housing Drain
Inlet Screen
Outlet Screen
Stuffing Box

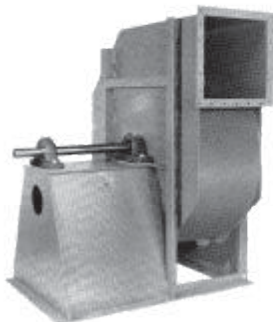
Flanged Inlet
Flanged Outlet
Heat Slinger
Weather Cover

Shaft Seal
Inlet Volume Control
Shaft Guard
Vibration Isolators

Abrasion Resistant Construction
High Temperature Construction
Other Special Accessories
Available Upon Request

ARRANGEMENTS/FEATURES

DESIGNS R AND F



ARRT. 1

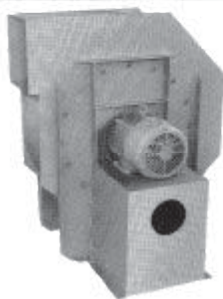
IE-23 Shown CW-TH

The fan wheel is overhung with both bearings mounted on a common pedestal. ARRT. 1 is suitable for high temperature and/or corrosive environment. Fan can be belt driven or directly coupled to drive motor mounted on a separate base.

ARRT. 9

IE-11 Shown CW-UB with OSHA type belt and shaft guards

The fan wheel is overhung with both bearings mounted on a common pedestal. Fan is belt driven with drive motor mounted on bearing pedestal for a more compact unit suitable for high temperature and/or corrosive environment.



ARRT. 4

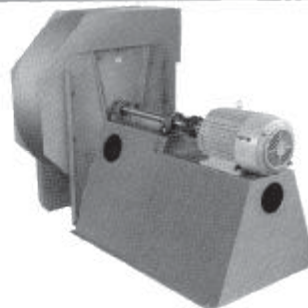
IE-15 Shown CCW-TH

Direct drive fan with wheel mounted directly on motor shaft. Unit is designed for standard temperature applications only. With no belt losses, the direct drive fan operates at a higher efficiency. Available in Design R with AH wheel only, sizes 7 thru 21. Available in percentage widths to meet an exact performance requirement at a direct drive speed.

ARRT. 8

IE-17 Shown CW-TH

Direct drive fan thru shaft and bearings. Efficiency of ARRT.4 is maintained. However, ARRT. 8 may be used for high temperature and/or corrosive applications which requires the motor shaft to be outside of airstream. Available in percentage widths to meet an exact performance requirement at a direct drive speed.



FEATURES

- Heavy gauge continuously welded housings.
- Heavy duty anti-friction, self aligning pillow block ball or roller bearings.
- Close tolerance 1141 turned, ground, and polished shafting
- Two-plane dynamically balanced wheels
- Choice of four wheel types: MH, AH, MHR, MHB
- Rotatable and reversible housings standard through size 21.

ARRANGEMENTS/FEATURES

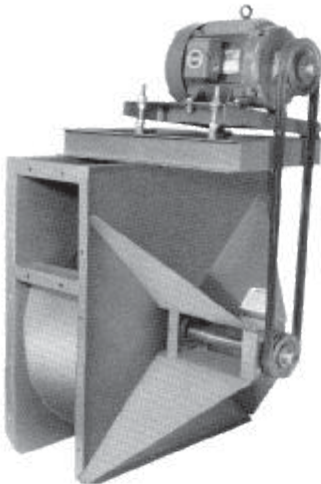
DESIGN SQ



ARRT.1

SQIE-13 Shown CW-UB

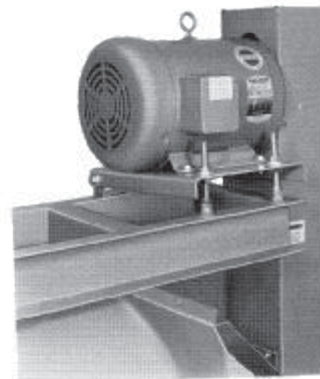
SQIE ARRT. 1, with the cantilevered bearing base is ideal for space limited applications. Blower can be belt driven or directly coupled to a drive motor mounted on a separate base.



ARRT. 9

SQIE-13 Shown CCW-TH

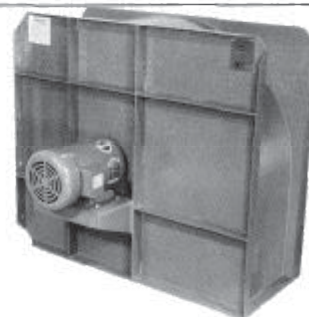
The SQ design ARRT. 9 has the same advantages as a standard ARRT. 9 with the added versatility of being more compact and more easily adapted to OEM applications.



ARRT. 4

SQIE-15 Shown CW-DB

Available with an AH wheel only. The wheel is mounted directly to the motor shaft. SQ Design ARRT. 4 has a cantilevered motor base and is available in percentage widths to meet an exact performance requirement at a direct drive speed.



FEATURES

- Heavy gauge continuously welded housings
- Heavy duty anti-friction, self aligning flange mounted ball bearings
- Close tolerance 1141 turned, ground, and polished shafting.
- Two-plane dynamically balanced wheels.
- Choice of four wheel types: MH, AH, MHR, MHB.
- Self leveling hinged adjustable arr't. 9 motor base for fast, simple belt tensioning.
- Heavy channel iron arr't. 9 motor base support — keeps motor shaft and fan shaft parallel, allows motor base to be moved to any side of housing except discharge side.
- Removable outboard bearing plate for maintenance ease.
- Rotatable housing to any of four discharge positions — UD, DB, TH, BH.

CONSTRUCTION MATERIALS

DESIGNS R AND F

IE 7-33 AH & MH GAUGES & SHAFT DIAMETERS

FAN SIZE	STANDARD DUTY SHAFT	HEAVY DUTY SHAFT	HOUSING	CHANNEL TOP	CHANNEL SIDE	MOTOR BASE FRONT PLATE	INLET PLATE	INLET COLLAR	AH WHEEL SPINNING	AH WHEEL BACK PLATE	AH BLADES STANDARD DUTY	AH BLADES HEAVY DUTY	MH BLADES STANDARD DUTY	MH BLADES HEAVY DUTY	MH BLADES REINFORCEMENT	NO. OF MH BLADE REINFORCEMENT PER BLADE
7	1 3/4	1 3/4	12	10	10	12	12	12	12	10	12	10	12	10	3/8	1
9	1 3/4	1 3/4	12	10	10	12	12	12	12	10	12	10	12	10	3/8	1
11	1 3/4	1 1/2	10	7	7	10	10	12	12	7	10	7	10	7	3/8	2
13	1 3/4	1 1/2	10	7	7	10	10	12	12	7	10	7	10	7	3/8	2
15	1 3/4	2 3/4	10	3/4	3/4	10	10	12	10	7	10	7	7	3/4	3/4	2
17	1 3/4	2 3/4	10	3/4	3/4	7	7	12	10	7	10	7	7	3/4	3/4	2
19	2 3/4	2 3/4	7	3/4	3/4	7	7	12	10	7	10	7	7	3/4	3/4	2
21	2 3/4	2 1/2	7	3/4	3/4	7	7	12	10	7	10	7	7	3/4	3/4	2
23	2 1/2	2 3/4	7	3/2	3/2	—	3/4	10	10	3/4	7	3/4	3/4	3/4	3/4	3
26	2 1/2	2 3/4	7	3/2	3/2	—	3/4	10	10	3/4	7	3/4	3/4	3/4	3/4	3
29	3 3/4	3 3/4	7	3/2	3/2	—	3/4	10	7	3/4	3/4	3/4	3/4	3/4	3/4	3
33	3 3/4	3 3/4	7	3/2	3/2	—	3/4	10	7	3/4	3/4	3/4	3/4	3/4	3/4	3

CONSTRUCTION MATERIALS

DESIGN SQ

IE 7-26 AH & MH GAUGES & SHAFT DIAMETERS

FAN SIZE	HOUSING	ARRT. 4 MOTOR PLATE	LEVELING BASE	BEARING SPT. INBOARD & OUTBOARD BEARING PLT.	INLET PLATE	INLET COLLAR	SHAFT STANDARD DUTY	SHAFT HEAVY DUTY	AH WHEEL SPINNING	AH WHEEL BACK PLATE	AH BLADES STANDARD DUTY	AH BLADES HEAVY DUTY	MH BLADES STANDARD DUTY	MH BLADES HEAVY DUTY	MH BLADE REINFORCEMENT	NO. OF MH BLADE REINFORCEMENT PER BLADE	ARRT 4	
																	MOTOR SIDE PLATE BRACING	MOTOR PLATE
7	12	7	7	12	12	12	1 3/16	1 1/16	12	10	12	10	12	10	3/8	1	1/4x2	7
9	12	7	7	12	12	12	1 3/16	1 1/16	12	10	12	10	12	10	3/8	1	1/4x2	7
11	10	7	7	10	10	10	1 1/16	1 1/16	12	7	10	7	10	7	3/4	2	1/4x2	7
13	10	7	7	10	10	12	1 1/16	1 1/16	12	7	10	7	10	7	3/4	2	1/4x2	7
15	10	7	7	10	10	12	1 1/16	2 3/16	10	7	10	7	7	3/4	3/4	2	1/4x2	7
17	10	7	7	10	7	12	1 1/16	2 3/16	10	7	10	7	7	3/4	3/4	2	1/4x2	7
19	7	7	7	7	7	12	2 3/16	2 3/16	10	7	10	7	7	3/4	3/4	2	1/4x2	7
21	7	7	7	7	7	12	2 3/16	2 1/16	10	7	10	7	7	3/4	3/4	2	1/4x2	7
23	7	7	7	7	7	12	2 1/16	2 1/16	10	3/4	7	3/4	3/4	3/4	3/4	3	—	—
26	7	7	7	7	7	12	2 1/16	2 1/16	10	3/4	7	3/4	3/4	3/4	3/4	3	—	—

SPECIAL CONSTRUCTION/MATERIALS

SPARK-RESISTANT CONSTRUCTION

TYPE A

All parts of the fan in contact with the air or gas being handled shall be made of non-ferrous material, except shaft.

TYPE B

Fan shall have entirely non-ferrous wheel and a non-ferrous ring about the opening through which the shaft passes.

TYPE C

Fan shall be so constructed that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike.

CORROSION RESISTANT AND SPECIAL ALLOYS

For applications involving handling of corrosive fumes, a wide variety of protective coatings and special alloy metals are available. Consult your American Fan representative or factory for full details.

TEMPERATURE AND ALTITUDE CORRECTIONS

USING DENSITY CORRECTION FACTORS

The Capacity Tables in this bulletin are based on fans handling standard air at a density of .075 pounds per cubic foot equivalent to air at 70°F and 29.92" Hg barometric pressure. Therefore, when a fan handles air or other gases at other than standard density due to temperature, altitude or the type of gas, the published tables should be used in the following manner:

EXAMPLE: Determine RPM and BHP for an IE-7-MH, 540 CFM, 11" SP, 300°F, 3000 feet elevation.

1. Determine the equivalent static pressure in the following manner: SP = required SP x density factor for conditions from the table below, ie equivalent SP = 11 x 1.61 = 17.7".

2. Using the required CFM and the equivalent SP, obtain the RPM and BHP from the capacity table, interpolating when necessary. From capacity table for size IE-7-MH, RPM = 4648, Equivalent BHP = 3.18.

3. The RPM obtained is the correct value.

4. The BHP obtained must be corrected for the actual density as follows:

$$\begin{aligned} \text{BHP at conditions} &= \frac{\text{Equivalent BHP}}{\text{Density Factor}} \\ &= \frac{3.18}{1.61} \end{aligned}$$

Therefore, BHP at conditions = 1.98

DERATING FACTORS FOR HI-TEMPERATURE

Temp. °F	Derating Factor		
	std. steel	304 stainless	316 stainless
70°	1.0	.91	.91
200°	.98	.84	.88
300°	.96	.79	.81
400°	.95	.75	.79
500°	.90	.72	.78
600°	.86	.70	.75
700°	.82	.68	.74
800°	N/A	.67	.72
900°	N/A	N/A	N/A
1000°	N/A	N/A	Contact Factory

When elevated temperatures are encountered maximum RPMs shown on performance tables must be derated according to the above table. Standard steel construction is not suitable for use in temperatures over 700°F. Aluminum wheels are suitable for use up to 250°F only.

DENSITY CORRECTION FACTORS

AIR TEMP. DEG. F.	ALTITUDE IN FEET ABOVE SEA LEVEL																
	0	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000
-50°	.76	.77	.78	.80	.81	.83	.84	.86	.87	.89	.91	.92	.94	.96	.98	1.00	1.02
-40°	.79	.81	.82	.84	.85	.87	.88	.90	.92	.93	.95	.97	.99	1.01	1.03	1.05	1.07
-20°	.83	.85	.86	.88	.89	.91	.93	.94	.96	.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12
0°	.87	.89	.91	.92	.94	.96	.98	.99	1.01	1.03	1.05	1.06	1.09	1.10	1.13	1.15	1.17
40°	.94	.96	.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.26	1.28
70°	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.18	1.20	1.22	1.25	1.27	1.30	1.32	1.35
80°	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.26	1.28	1.30	1.33	1.36	1.38
100°	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.25	1.28	1.30	1.33	1.35	1.38	1.41	1.43
120°	1.09	1.12	1.14	1.16	1.18	1.20	1.23	1.25	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.46	1.48
140°	1.13	1.15	1.18	1.20	1.22	1.25	1.27	1.29	1.32	1.34	1.37	1.40	1.42	1.45	1.48	1.51	1.54
160°	1.17	1.19	1.22	1.24	1.26	1.29	1.31	1.34	1.36	1.39	1.42	1.44	1.47	1.50	1.53	1.56	1.59
180°	1.21	1.23	1.26	1.28	1.30	1.33	1.36	1.38	1.41	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.64
200°	1.25	1.27	1.29	1.32	1.34	1.37	1.40	1.42	1.45	1.48	1.51	1.54	1.57	1.60	1.63	1.66	1.69
250°	1.34	1.36	1.39	1.42	1.45	1.47	1.50	1.53	1.56	1.59	1.62	1.65	1.68	1.71	1.74	1.78	1.81
300°	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.64	1.67	1.70	1.74	1.77	1.80	1.84	1.87	1.91	1.94
350°	1.53	1.56	1.59	1.62	1.65	1.68	1.72	1.75	1.78	1.81	1.85	1.88	1.92	1.96	2.00	2.04	2.07
400°	1.62	1.65	1.69	1.72	1.75	1.79	1.82	1.85	1.89	1.93	1.96	2.00	2.04	2.08	2.12	2.16	2.20
450°	1.72	1.75	1.79	1.82	1.86	1.89	1.93	1.96	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.29	2.33
500°	1.81	1.85	1.88	1.92	1.96	1.99	2.03	2.07	2.11	2.15	2.19	2.23	2.28	2.32	2.36	2.41	2.46
550°	1.91	1.94	1.98	2.02	2.06	2.10	2.14	2.18	2.22	2.26	2.30	2.35	2.40	2.44	2.49	2.54	2.58
600°	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.29	2.33	2.38	2.42	2.47	2.50	2.56	2.61	2.66	2.71
650°	2.10	2.14	2.18	2.22	2.26	2.31	2.35	2.40	2.44	2.49	2.54	2.58	2.63	2.68	2.74	2.79	2.84
700°	2.19	2.23	2.27	2.32	2.36	2.41	2.46	2.50	2.55	2.60	2.65	2.70	2.75	2.80	2.86	2.91	2.97
750°	2.28	2.33	2.37	2.42	2.47	2.51	2.56	2.61	2.66	2.71	2.76	2.81	2.87	2.92	2.98	3.04	3.10
800°	2.38	2.43	2.48	2.52	2.57	2.62	2.66	2.72	2.76	2.81	2.86	2.90	2.98	3.02	3.10	3.14	3.21
850°	2.47	2.52	2.57	2.62	2.67	2.72	2.76	2.82	2.87	2.92	2.97	3.02	3.09	3.14	3.21	3.26	3.33
900°	2.57	2.62	2.67	2.72	2.76	2.83	2.88	2.93	2.98	3.03	3.08	3.14	3.21	3.26	3.34	3.39	3.47
950°	2.66	2.72	2.77	2.82	2.87	2.92	2.96	3.03	3.08	3.14	3.19	3.24	3.32	3.38	3.45	3.51	3.58
1000°	2.76	2.82	2.87	2.92	2.98	3.04	3.09	3.14	3.20	3.26	3.31	3.37	3.45	3.50	3.59	3.64	3.72

HI-TEMPERATURE CONSTRUCTION

250°F - 400°F—Heat Slinger, high-temperature paint.

401°F - 700°F—Heat Slinger, high-temperature shaft seal, high-temperature paint, Arr't 1 or 8 only.

701°F - 900°F—Heat Slinger, high-temperature shaft seal, heat shield, special wheel construction including fins*, Arr't 1 or 8 only. fixed and floating bearings, high-temperature paint.

901°F - 1000°F—Heat Slinger, high-temperature shaft seal, heat shield, 316 S.S. wheel with fins*, 316 S.S. shaft, fixed and floating oil lubricated (FAFNIR SAOL) bearings, Arr't 1 or 8 only, high-temperature paint on non-S.S. parts.

* Fins are supplied on AH and MHB wheels only.

7MH INDUSTRIAL EXHAUSTER

Wheel Dia. 12 $\frac{3}{8}$ "

Inlet Dia. 7 $\frac{1}{8}$ "

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 4701

☐ H.D. Wheel & H.D. Shaft 5328

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
384	1400	1239	0.12	1643	0.22	1968	0.33	2247	0.45	2498	0.58	2727	0.72	2937	0.86	3132	1.01	3316	1.16
439	1600	1287	0.15	1677	0.26	1996	0.38	2278	0.51	2536	0.64	2762	0.78	2952	0.94	3147	1.18	3331	1.26
494	1800	1337	0.18	1713	0.30	2026	0.43	2299	0.57	2539	0.71	2761	0.86	2967	1.02	3162	1.19	3346	1.36
549	2000	1397	0.21	1756	0.34	2061	0.49	2327	0.64	2568	0.80	2796	0.95	2988	1.11	3180	1.28	3361	1.46
604	2200	1458	0.25	1806	0.40	2097	0.55	2360	0.71	2596	0.87	2815	1.05	3015	1.22	3201	1.39	3381	1.58
659	2400	1527	0.30	1852	0.45	2140	0.62	2396	0.79	2627	0.96	2842	1.14	3043	1.34	3230	1.53	3404	1.71
714	2600	1597	0.35	1906	0.51	2188	0.69	2435	0.87	2664	1.06	2874	1.25	3071	1.45	3258	1.66	3434	1.86
769	2800	1666	0.41	1966	0.59	2236	0.77	2477	0.96	2700	1.16	2909	1.36	3103	1.57	3286	1.78	3461	2.00
824	3000	1740	0.48	2020	0.66	2283	0.86	2526	1.06	2742	1.27	2945	1.48	3138	1.70	3318	1.92	3490	2.15
879	3200	1815	0.55	2082	0.75	2338	0.95	2575	1.17	2785	1.39	2985	1.61	3174	1.84	3353	2.07	3522	2.30
934	3400	1892	0.64	2162	0.85	2398	1.06	2620	1.28	2836	1.52	3028	1.75	3212	1.90	3389	2.23	3557	2.47
989	3600	1970	0.73	2231	0.95	2461	1.17	2673	1.40	2884	1.65	3075	1.90	3255	2.14	3427	2.39	3594	2.65
1044	3800	2052	0.83	2300	1.07	2522	1.29	2729	1.53	2929	1.79	3126	2.06	3298	2.31	3469	2.57	3631	2.84
1099	4000	2135	0.94	2370	1.19	2590	1.43	2793	1.69	2982	1.94	3172	2.22	3349	2.49	3512	2.76	3673	3.04
1154	4200	2218	1.07	2444	1.32	2661	1.59	2855	1.84	3038	2.10	3217	2.39	3398	2.68	3561	2.96	3716	3.25
1209	4400	2302	1.20	2519	1.47	2730	1.75	2916	2.00	3099	2.29	3272	2.57	3444	2.87	3613	3.18	3763	3.47
1264	4600	2385	1.34	2596	1.62	2798	1.91	2984	2.18	3163	2.48	3327	2.76	3492	3.08	3658	3.40	3814	3.69
1319	4800	2468	1.50	2673	1.79	2868	2.09	3055	2.39	3224	2.67	3388	2.98	3547	3.29	3704	3.62	3862	3.96
1374	5000	2552	1.67	2751	1.97	2940	2.28	3125	2.60	3287	2.88	3453	3.22	3603	3.52	3760	3.86	3907	4.20
1429	5200	2637	1.85	2830	2.16	3015	2.49	3193	2.82	3357	3.12	3514	3.44	3665	3.78	3811	4.11	3955	4.46
1484	5400	2722	2.04	2912	2.37	3090	2.71	3262	3.05	3427	3.39	3575	3.68	3730	4.06	3867	4.37	4010	4.74
1539	5600	2807	2.25	2995	2.60	3166	2.94	3331	3.29	3497	3.65	3643	3.96	3790	4.32	3932	4.68	4066	5.03
1594	5800	2893	2.47	3079	2.84	3243	3.19	3405	3.55	3565	3.92	3714	4.27	3852	4.59	3995	5.00	4124	5.34
1649	6000	2979	2.71	3162	3.09	3320	3.45	3479	3.83	3634	4.21	3785	4.59	3918	4.91	4056	5.30	4180	5.78
1704	6200	3066	2.96	3246	3.36	3399	3.73	3554	4.12	3703	4.50	3853	4.90	3988	5.26	4117	5.61	4252	6.04

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
549	2000	1535	1.65	1700	1.84	1858	2.04	2009	2.24	2155	2.45	2295	2.65	2431	2.87	2563	3.08	2691	3.30
604	2200	1552	1.77	1715	1.97	1873	2.18	2024	2.39	2170	2.60	2310	2.82	2446	3.04	2578	3.27	2706	3.50
659	2400	1573	1.91	1735	2.11	1890	2.32	2041	2.54	2187	2.76	2327	2.99	2463	3.22	2595	3.46	2723	3.70
714	2600	1599	2.06	1761	2.26	1912	2.48	2063	2.71	2209	2.93	2349	3.16	2485	3.40	2617	3.65	2745	3.90
769	2800	1628	2.23	1785	2.45	1936	2.66	2087	2.88	2233	3.12	2373	3.36	2509	3.60	2641	3.85	2769	4.11
824	3000	1655	2.38	1814	2.63	1964	2.86	2115	3.09	2261	3.32	2401	3.56	2537	3.82	2669	4.08	2797	4.34
879	3200	1685	2.55	1848	2.79	1998	3.06	2149	3.32	2295	3.56	2435	3.81	2571	4.05	2703	4.31	2831	4.58
934	3400	1717	2.72	1872	2.98	2020	3.24	2171	3.51	2317	3.79	2453	4.06	2589	4.32	2725	4.58	2853	4.84
989	3600	1753	2.91	1904	3.17	2052	3.44	2203	3.72	2349	4.00	2485	4.30	2621	4.59	2757	4.87	2889	5.15
1044	3800	1789	3.11	1940	3.38	2088	3.66	2239	3.94	2385	4.23	2521	4.53	2657	4.83	2793	5.14	2925	5.46
1099	4000	1826	3.31	1977	3.60	2121	3.89	2266	4.18	2412	4.46	2556	4.78	2693	5.09	2830	5.48	2961	5.72
1154	4200	1868	3.54	2014	3.83	2158	4.13	2303	4.44	2449	4.74	2593	5.05	2731	5.36	2869	5.68	3000	6.01
1209	4400	1911	3.77	2056	4.08	2195	4.38	2340	4.70	2486	5.02	2630	5.34	2771	5.65	2910	5.98	3041	6.31
1264	4600	1957	4.02	2099	4.33	2237	4.65	2377	4.97	2523	5.30	2671	5.63	2813	5.96	2951	6.30	3082	6.63
1319	4800	2008	4.28	2144	4.60	2280	4.93	2413	5.26	2561	5.59	2710	5.94	2860	6.28	2992	6.63	3123	6.98
1374	5000	2057	4.56	2195	4.89	2325	5.22	2456	5.56	2604	5.91	2757	6.26	2908	6.61	3043	6.97	3164	7.33
1429	5200	2103	4.83	2246	5.19	2376	5.54	2500	5.88	2651	6.24	2803	6.60	2955	6.96	3094	7.32	3205	7.70
1484	5400	2148	5.11	2291	5.49	2427	5.87	2545	6.22	2691	6.58	2849	6.95	3001	7.32	3140	7.70	3246	8.07
1539	5600	2192	5.41	2336	5.79	2472	6.19	2583	6.50	2722	6.95	2880	7.31	3045	7.70	3185	8.09	3287	8.47
1594	5800	2237	5.72	2387	6.12	2510	6.52	2620	6.93	2767	7.33	2929	7.71	3091	8.09	3230	8.49	3328	8.89
1649	6000	2283	6.05	2432	6.46	2556	6.86	2664	7.20	2810	7.78	2975	8.12	3136	8.52	3275	8.91	3369	9.31
1704	6200	2327	6.42	2477	6.81	2601	7.23	2707	7.65	2855	8.09	3021	8.52	3180	8.95	3320	9.36	3410	9.77
1759	6400	2372	6.83	2525	7.19	2647	7.61	2753	8.05	2901	8.48	3067	8.93	3225	9.38	3365	9.83		
1814	6600	2417	7.20	2561	7.63	2683	8.01	2789	8.45	2937	8.90	3103	9.35	3269	9.82	3409	10.28		
1869	6800	2463	7.58	2605	8.05	2726	8.46	2830	8.88	2980	9.34	3148	9.80	3310	10.27				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
659	2400	4846	3.94	4967	4.19	5085	4.43	5200	4.69	5313	4.94
714	2600	4861	4.15	4982	4.41	5100	4.67	5215	4.93	5328	5.20
769	2800	4876	4.37	4997	4.64	5115	4.90	5230	5.18		
824	3000	4892	4.60	5012	4.86	5130	5.14	5245	5.43		
879	3200	4913	4.85	5032	5.13	5148	5.41	5262	5.69		
934	3400	4935	5.11	5053	5.40	5169	5.69	5283	5.98		
989	3600	4963	5.42	5078	5.70	5191	5.98	5304	6.28		
1044	3800	4992	5.75	5107	6.04	5220	6.33				
1099	4000	5020	6.05	5137	6.38	5249	6.69				
1154	4200	5046	6.33	5163	6.68	5277	7.02				
1209	4400	5077	6.65	5191	6.99	5303	7.34				
1264	4600	5109	6.90	5223	7.33						
1319	4800	5144	7.33	5255	7.68						
1374	5000	5180	7.69	5291	8.06						
1429	5200	5216	8.07	5327	8.45						
1484	5400	5253	8.46								
1539	5600	5292	8.86								
1594	5800										
1649	6000										
1704	6200										

9MH INDUSTRIAL EXHAUSTER

Wheel Dia. 15 1/16

Inlet Dia. 9 1/8

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 3652

☐ H.D. Wheel & H.D. Shaft 4139

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
637	1400	962	0.20	1276	0.37	1529	0.55	1746	0.75	1941	0.96	2118	1.19	2282	1.42	2434	1.67	2576	1.92
728	1600	1000	0.24	1302	0.43	1551	0.63	1763	0.84	1955	1.06	2130	1.30	2293	1.55	2445	1.82	2588	2.09
828	1800	1038	0.29	1331	0.50	1574	0.71	1786	0.95	1973	1.18	2145	1.43	2305	1.69	2457	1.96	2600	2.25
911	2000	1085	0.35	1364	0.57	1601	0.81	1808	1.05	1995	1.32	2164	1.58	2322	1.84	2471	2.13	2611	2.42
1002	2200	1133	0.41	1403	0.66	1630	0.91	1833	1.17	2017	1.45	2187	1.74	2342	2.02	2489	2.31	2627	2.62
1093	2400	1187	0.50	1439	0.75	1663	1.02	1861	1.30	2041	1.59	2200	1.89	2364	2.22	2509	2.53	2645	2.83
1184	2600	1240	0.58	1480	0.85	1700	1.15	1891	1.44	2069	1.75	2232	2.06	2386	2.39	2531	2.74	2668	3.08
1275	2800	1294	0.68	1527	0.97	1737	1.20	1925	1.59	2090	1.92	2260	2.25	2410	2.59	2553	2.95	2689	3.32
1366	3000	1351	0.79	1576	1.10	1774	1.42	1962	1.76	2130	2.10	2288	2.45	2438	2.81	2578	3.18	2711	3.56
1457	3200	1418	0.92	1625	1.24	1816	1.58	2000	1.94	2184	2.30	2319	2.66	2466	3.04	2605	3.43	2736	3.81
1548	3400	1478	1.05	1680	1.41	1863	1.75	2036	2.13	2233	2.52	2352	2.89	2496	3.28	2633	3.69	2764	4.10
1640	3600	1531	1.20	1734	1.58	1912	1.95	2077	2.33	2280	2.74	2389	3.14	2529	3.55	2662	3.96	2792	4.39
1731	3800	1594	1.37	1787	1.77	1960	2.14	2120	2.54	2326	2.97	2428	3.41	2563	3.82	2695	4.26	2821	4.78
1822	4000	1650	1.56	1841	1.97	1981	2.37	2170	2.80	2371	3.22	2464	3.60	2602	4.13	2729	4.57	2854	5.03
1913	4200	1723	1.77	1899	2.19	2067	2.63	2218	3.05	2360	3.48	2499	3.96	2648	4.45	2767	4.91	2887	5.38
2004	4400	1780	1.99	1957	2.43	2121	2.89	2266	3.31	2408	3.79	2542	4.26	2675	4.76	2807	5.27	2924	5.75
2095	4600	1853	2.23	2017	2.69	2174	3.17	2319	3.62	2457	4.11	2585	4.58	2713	5.10	2842	5.63	2963	6.16
2186	4800	1918	2.48	2076	2.97	2228	3.46	2373	3.96	2505	4.43	2632	4.94	2756	5.46	2877	6.00	3000	6.56
2277	5000	1983	2.75	2137	3.26	2284	3.78	2428	4.31	2553	4.77	2683	5.33	2799	5.83	2918	6.39	3036	6.97
2368	5200	2049	3.06	2199	3.58	2342	4.12	2481	4.67	2608	5.18	2738	5.71	2847	6.26	2961	6.81	3073	7.39
2460	5400	2115	3.38	2263	3.93	2400	4.49	2534	5.05	2663	5.61	2778	6.10	2898	6.72	3004	7.24	3115	7.85
2551	5600	2181	3.73	2327	4.31	2460	4.87	2588	5.45	2717	6.05	2830	6.56	2945	7.15	3054	7.76	3159	8.33
2642	5800	2248	4.10	2392	4.70	2519	5.28	2645	5.88	2770	6.50	2885	7.07	2992	7.61	3104	8.28	3204	8.94
2733	6000	2314	4.49	2457	5.13	2580	5.72	2703	6.34	2823	6.97	2940	7.68	3044	8.13	3151	8.77	3255	9.44
2824	6200	2382	4.91	2522	5.57	2640	6.17	2761	6.82	2877	7.46	2993	8.13	3090	8.71	3199	9.29	3304	10.01

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
911	2000	2746	2.73	2874	3.05	2997	3.38	3115	3.71	3228	4.05	3337	4.40	3443	4.75	3545	5.10	3645	5.47
1002	2200	2759	2.93	2886	3.26	3009	3.60	3126	3.95	3240	4.31	3349	4.67	3454	5.04	3557	5.42	3656	5.79
1093	2400	2776	3.16	2902	3.50	3022	3.84	3138	4.20	3251	4.57	3360	4.95	3466	5.34	3568	5.73	3668	6.13
1184	2600	2796	3.41	2918	3.75	3038	4.11	3154	4.48	3265	4.86	3372	5.24	3478	5.64	3580	6.05	3679	6.46
1275	2800	2819	3.70	2941	4.05	3057	4.41	3170	4.78	3281	5.17	3388	5.57	3492	5.97	3592	6.38	3691	6.80
1366	3000	2839	3.95	2963	4.36	3080	4.75	3192	5.13	3299	5.51	3405	5.91	3508	6.33	3609	6.75	3706	7.18
1457	3200	2863	4.22	2983	4.63	3102	5.06	3215	5.50	3322	5.90	3426	6.31	3526	6.71	3625	7.14	3722	7.59
1548	3400	2880	4.51	3000	4.94	3123	5.37	3235	5.82	3344	6.28	3449	6.73	3549	7.16	3646	7.59	3741	8.03
1640	3600	2916	4.82	3033	5.26	3148	5.71	3258	6.16	3365	6.63	3470	7.12	3572	7.61	3669	8.07	3764	8.53
1731	3800	2944	5.15	3061	5.61	3174	6.07	3283	6.53	3389	7.02	3491	7.50	3592	8.00	3691	8.52	3786	9.04
1822	4000	2972	5.49	3089	5.97	3202	6.45	3310	6.93	3414	7.42	3516	7.92	3615	8.43	3711	8.94	3807	9.48
1913	4200	3005	5.86	3118	6.34	3230	6.85	3338	7.35	3441	7.86	3541	8.36	3640	8.89	3736	9.42	3832	9.95
2004	4400	3039	6.25	3151	6.75	3259	7.26	3366	7.78	3470	8.31	3570	8.84	3666	9.37	3761	9.91	3854	10.46
2095	4600	3074	6.66	3185	7.18	3292	7.70	3395	8.23	3498	8.78	3598	9.33	3694	9.88	3788	10.44	3879	10.99
2186	4800	3114	7.10	3219	7.62	3325	8.17	3429	8.72	3528	9.27	3626	9.83	3723	10.41	3816	10.99	3907	11.56
2277	5000	3152	7.55	3259	8.10	3360	8.65	3462	9.22	3561	9.79	3657	10.37	3751	10.95	3845	11.55	3936	12.15
2368	5200	3187	8.00	3290	8.60	3380	9.17	3496	9.74	3594	10.33	3690	10.93	3783	11.53	3873	12.13	3964	12.75
2460	5400	3223	8.46	3333	9.09	3440	9.72	3536	10.31	3629	10.90	3723	11.51	3816	12.13	3906	12.75	3993	13.37
2551	5600	3264	8.96	3369	9.60	3475	10.25	3576	10.90	3669	11.51	3758	12.12	3849	12.75	3939	13.40	4026	14.04
2642	5800	3307	9.48	3408	10.13	3518	10.80	3611	11.48	3709	12.14	3798	12.78	3885	13.41	3973	14.06	4060	14.73
2733	6000	3351	10.02	3451	10.78	3547	11.37	3647	12.07	3744	12.77	3838	13.45	3925	14.11	4009	14.76	4093	15.43
2824	6200	3399	10.64	3494	11.20	3590	11.98	3682	12.60	3780	13.40	3874	14.12	3965	14.83	4048	15.51	4130	16.18
2915	6400	3451	11.31	3539	11.90	3633	12.61	3725	13.33	3825	14.05	3919	14.80	4000	15.55	4088	16.28		
3006	6600	3498	11.92	3590	12.64	3676	13.26	3768	14.01	3857	14.75	3945	15.50	4036	16.27	4124	17.04		
3097	6800	3545	12.56	3640	13.34	3726	14.02	3811	14.71	3908	15.47	3995	16.24	4071	17.01				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1093	2400	3764	6.53	3859	6.94	3950	7.35	4040	7.76	4128	8.19
1184	2600	3776	6.88	3870	7.31	3962	7.73	4052	8.17	4139	8.61
1275	2800	3788	7.24	3882	7.68	3974	8.13	4063	8.58		
1366	3000	3801	7.62	3894	8.06	3985	8.52	4075	8.99		
1457	3200	3817	8.04	3910	8.50	4000	8.96	4088	9.42		
1548	3400	3834	8.47	3926	8.95	4016	9.43	4104	9.91		
1640	3600	3856	8.99	3945	9.44	4033	9.90	4120	10.41		
1731	3800	3878	9.52	3968	10.00	4055	10.49				
1822	4000	3900	10.03	3991	10.57	4070	11.00				
1913	4200	3921	10.49	4011	11.06	4100	11.64				
2004	4400	3945	11.02	4033	11.58	4120	12.15				
2095	4600	3969	11.56	4050	12.14						
2186	4800	3996	12.14	4083	12.72						
2277	5000	4024	12.75	4118	13.35						
2368	5200	4052	13.37	4139	14.00						
2460	5400	4081	14.01								
2551	5600	4111	14.68								
2642	5800										
2733	6000										
2824	6200										

TH INDUSTRIAL EXHAUSTER

Wheel Dia. 19 1/8

Inlet Dia. 1 1/8

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 2996

■ H.D. Wheel & H.D. Shaft 3395

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
947	1400	789	0.30	1047	0.55	1254	0.82	1432	1.11	1592	1.43	1738	1.76	1872	2.12	1996	2.48	2113	2.86
1083	1600	820	0.36	1068	0.64	1272	0.94	1446	1.25	1603	1.58	1747	1.93	1881	2.31	2006	2.70	2123	3.10
1218	1800	852	0.43	1092	0.74	1291	1.06	1465	1.41	1618	1.75	1760	2.12	1891	2.51	2015	2.92	2132	3.35
1354	2000	890	0.52	1119	0.85	1313	1.20	1483	1.57	1637	1.96	1775	2.34	1904	2.74	2027	3.16	2142	3.60
1499	2200	929	0.61	1151	0.98	1337	1.35	1504	1.74	1654	2.15	1794	2.59	1921	3.01	2048	3.43	2155	3.89
1625	2400	973	0.74	1180	1.11	1364	1.52	1527	1.93	1674	2.36	1811	2.82	1939	3.30	2058	3.76	2169	4.21
1760	2600	1017	0.87	1214	1.27	1394	1.70	1551	2.14	1697	2.60	1831	3.07	1957	3.56	2076	4.08	2188	4.59
1895	2800	1061	1.01	1253	1.44	1425	1.90	1579	2.37	1721	2.85	1854	3.35	1977	3.85	2094	4.38	2206	4.93
2031	3000	1109	1.18	1292	1.63	1455	2.11	1610	2.62	1747	3.12	1877	3.64	2000	4.18	2114	4.72	2224	5.29
2166	3200	1157	1.36	1333	1.84	1490	2.34	1641	2.89	1775	3.41	1902	3.96	2023	4.52	2137	5.09	2244	5.67
2302	3400	1206	1.57	1378	2.09	1528	2.60	1670	3.16	1807	3.74	1930	4.30	2047	4.88	2160	5.48	2267	6.09
2437	3600	1255	1.79	1422	2.35	1568	2.89	1704	3.46	1836	4.07	1959	4.67	2074	5.27	2184	5.89	2290	6.53
2572	3800	1308	2.04	1466	2.63	1607	3.18	1739	3.78	1867	4.41	1992	5.07	2102	5.68	2211	6.33	2314	6.98
2708	4000	1360	2.32	1510	2.93	1651	3.52	1780	4.16	1900	4.78	2021	5.47	2134	6.14	2238	6.80	2341	7.48
2843	4200	1414	2.62	1558	3.26	1696	3.91	1819	4.53	1936	5.18	2050	5.88	2166	6.61	2269	7.30	2368	8.00
2979	4400	1467	2.96	1605	3.61	1740	4.30	1858	4.91	1975	5.63	2085	6.33	2195	7.08	2302	7.84	2398	8.55
3114	4600	1520	3.31	1654	4.00	1783	4.71	1902	5.38	2016	6.11	2120	6.81	2225	7.57	2331	8.37	2431	9.15
3250	4800	1573	3.69	1703	4.41	1827	5.15	1947	5.89	2054	6.58	2159	7.34	2260	8.11	2360	8.92	2461	9.75
3385	5000	1627	4.11	1753	4.85	1873	5.62	1991	6.41	2094	7.08	2201	7.93	2296	8.67	2393	9.50	2490	10.35
3520	5200	1680	4.55	1804	5.33	1921	6.13	2035	6.94	2139	7.69	2239	8.48	2335	9.31	2439	10.12	2520	10.99
3656	5400	1735	5.03	1856	5.85	1969	6.67	2079	7.51	2184	8.34	2278	9.06	2377	9.99	2464	10.77	2556	11.67
3791	5600	1789	5.54	1909	6.40	2018	7.24	2123	8.18	2228	8.99	2322	9.76	2415	10.63	2505	11.53	2591	12.38
3927	5800	1844	6.09	1962	6.99	2067	7.85	2170	8.74	2272	9.66	2367	10.51	2454	11.31	2546	12.30	2628	13.14
4062	6000	1898	6.67	2015	7.62	2116	8.49	2217	9.42	2316	10.36	2412	11.30	2497	12.09	2585	13.04	2670	14.03
4198	6200	1954	7.29	2069	8.28	2166	9.17	2265	10.14	2360	11.09	2455	12.00	2542	12.95	2624	13.81	2710	14.80

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1354	2000	2253	4.06	2358	4.54	2458	5.02	2555	5.52	2648	6.02	2737	6.53	2824	7.06	2908	7.59	2989	8.12
1489	2200	2263	4.36	2367	4.85	2468	5.36	2564	5.88	2657	6.41	2747	6.95	2833	7.49	2917	8.05	2999	8.61
1625	2400	2277	4.69	2380	5.20	2479	5.71	2574	6.24	2667	6.80	2756	7.36	2843	7.93	2927	8.52	3009	9.11
1760	2600	2293	5.08	2394	5.57	2492	6.11	2587	6.66	2678	7.22	2766	7.78	2853	8.38	2937	8.99	3018	9.60
1895	2800	2312	5.50	2412	6.02	2508	6.55	2600	7.10	2691	7.68	2779	8.27	2864	8.87	2947	9.48	3028	10.11
2031	3000	2329	5.97	2430	6.48	2526	7.05	2618	7.62	2706	8.19	2793	8.78	2878	9.40	2960	10.04	3040	10.68
2166	3200	2348	6.27	2447	6.88	2544	7.53	2637	8.17	2725	8.77	2810	9.37	2893	9.98	2973	10.61	3053	11.28
2302	3400	2369	6.70	2467	7.34	2562	7.98	2654	8.65	2743	9.34	2829	10.00	2911	10.64	2991	11.29	3069	11.93
2437	3600	2392	7.17	2488	7.81	2582	8.40	2672	9.16	2760	9.85	2846	10.58	2928	11.31	3008	12.00	3087	12.68
2572	3800	2415	7.66	2511	8.34	2603	9.01	2693	9.71	2780	10.43	2864	11.15	2946	11.89	3027	12.66	3106	13.44
2708	4000	2438	8.16	2534	8.87	2626	9.59	2715	10.30	2800	11.02	2884	11.77	2965	12.53	3044	13.29	3123	14.09
2843	4200	2465	8.71	2558	9.43	2650	10.10	2738	10.83	2823	11.60	2905	12.43	2986	13.21	3064	14.00	3141	14.79
2979	4400	2493	9.29	2585	10.04	2673	10.79	2761	11.57	2846	12.35	2928	13.14	3007	13.92	3085	14.72	3161	15.55
3114	4600	2522	9.89	2612	10.67	2700	11.45	2785	12.24	2869	13.05	2951	13.87	3030	14.69	3107	15.51	3182	16.33
3250	4800	2554	10.55	2641	11.33	2728	12.14	2812	12.96	2894	13.78	2974	14.62	3054	15.47	3130	16.33	3205	17.10
3385	5000	2586	11.22	2673	12.05	2756	12.85	2840	13.70	2921	14.55	3000	15.41	3077	16.27	3154	17.17	3228	18.06
3520	5200	2614	11.89	2706	12.79	2789	13.64	2868	14.48	2948	15.36	3027	16.24	3103	17.13	3177	18.02	3252	18.95
3656	5400	2644	12.58	2734	13.51	2821	14.45	2900	15.32	2977	16.19	3054	17.11	3130	18.03	3204	18.95	3276	19.87
3791	5600	2678	13.32	2763	14.27	2850	15.24	2933	16.28	3009	17.11	3083	18.01	3158	18.95	3231	19.91	3303	20.87
3927	5800	2713	14.09	2795	15.06	2879	16.05	2962	17.06	3042	18.05	3115	18.99	3187	19.92	3259	20.90	3330	21.89
4062	6000	2748	14.89	2831	15.90	2910	16.90	2991	17.93	3071	18.97	3140	20.00	3219	20.97	3288	21.94	3357	22.93
4198	6200	2788	15.81	2866	16.77	2945	17.81	3021	18.84	3100	19.92	3178	20.95	3252	22.05	3321	23.05	3388	24.05
4333	6400	2830	16.81	2903	17.69	2980	18.74	3056	19.81	3129	20.89	3207	22.00	3281	23.10	3354	24.20		
4468	6600	2869	17.72	2945	18.78	3016	19.71	3091	20.82	3164	21.92	3236	23.03	3310	24.18	3383	25.32		
4604	6800	2908	18.66	2985	19.83	3056	20.84	3126	21.96	3199	23.00	3269	24.13	3339	25.28				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1625	2400	3000	9.70	3165	10.31	3248	10.92	3314	11.54	3386	12.17
1760	2600	3097	10.23	3175	10.86	3250	11.50	3324	12.14	3395	12.79
1895	2800	3187	10.76	3184	11.41	3260	12.06	3333	12.75		
2031	3000	3118	11.32	3194	11.98	3269	12.67	3343	13.36		
2166	3200	3131	11.95	3207	12.63	3281	13.31	3353	14.00		
2302	3400	3145	12.59	3220	13.30	3294	14.01	3366	14.73		
2437	3600	3163	13.36	3236	14.04	3300	14.72	3380	15.47		
2572	3800	3181	14.15	3255	14.87	3326	15.59				
2708	4000	3199	14.98	3273	15.72	3345	16.47				
2843	4200	3216	15.68	3290	16.44	3363	17.29				
2979	4400	3236	16.38	3308	17.21	3380	18.06				
3114	4600	3256	17.18	3328	18.05						
3250	4800	3278	18.04	3349	18.91						
3385	5000	3301	18.95	3372	19.84						
3520	5200	3324	19.00	3395	20.00						
3656	5400	3347	20.03								
3791	5600	3372	21.02								
3927	5800										
4062	6000										
4190	6200										

13MH INDUSTRIAL EXHAUSTER

Wheel Dia. 22 5/8

Inlet Dia. 13 1/8

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 2532

■ H.D. Wheel & H.D. Shaft 2870

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1326	1400	667	8.41	885	8.77	1060	1.15	1211	1.55	1346	2.00	1469	2.47	1582	2.96	1687	3.47	1786	4.00
1516	1600	693	8.51	903	8.89	1075	1.32	1223	1.75	1355	2.21	1477	2.70	1590	3.23	1695	3.78	1794	4.34
1705	1800	728	8.60	923	1.03	1091	1.48	1236	1.90	1366	2.46	1487	2.97	1598	3.51	1704	4.09	1802	4.68
1895	2000	752	8.73	946	1.19	1110	1.68	1253	2.19	1383	2.75	1501	3.28	1610	3.83	1713	4.43	1811	5.04
2084	2200	785	8.86	973	1.37	1130	1.89	1271	2.44	1398	3.01	1516	3.63	1624	4.21	1724	4.80	1821	5.45
2274	2400	823	1.03	997	1.56	1153	2.12	1291	2.71	1415	3.31	1531	3.94	1639	4.61	1740	5.26	1834	5.89
2463	2600	860	1.21	1026	1.77	1179	2.39	1311	3.00	1435	3.64	1548	4.29	1654	4.98	1755	5.71	1850	6.42
2653	2800	897	1.42	1059	2.02	1205	2.67	1335	3.32	1454	3.99	1567	4.69	1671	5.39	1770	6.13	1864	6.91
2842	3000	937	1.65	1092	2.28	1230	2.96	1361	3.67	1477	4.37	1587	5.10	1690	5.85	1787	6.61	1880	7.40
3032	3200	976	1.91	1127	2.57	1259	3.28	1387	4.04	1500	4.78	1608	5.54	1710	6.33	1806	7.13	1897	7.93
3221	3400	1019	2.19	1165	2.92	1292	3.65	1411	4.42	1528	5.23	1631	6.02	1730	6.83	1826	7.67	1916	8.52
3411	3600	1061	2.50	1202	3.29	1326	4.05	1440	4.84	1553	5.70	1656	6.53	1753	7.38	1846	8.24	1936	9.13
3600	3800	1105	2.86	1239	3.68	1359	4.45	1470	5.29	1578	6.18	1684	7.10	1777	7.96	1866	8.86	1956	9.77
3790	4000	1150	3.25	1277	4.09	1395	4.93	1505	5.82	1606	6.70	1708	7.65	1804	8.59	1892	9.51	1979	10.47
3979	4200	1195	3.67	1317	4.56	1433	5.47	1538	6.34	1636	7.25	1733	8.23	1831	9.25	1918	10.22	2002	11.19
4169	4400	1240	4.14	1357	5.06	1471	6.02	1571	6.80	1669	7.88	1762	8.86	1855	9.91	1946	10.97	2027	11.97
4358	4600	1285	4.63	1398	5.59	1507	6.59	1608	7.53	1704	8.55	1792	9.52	1881	10.60	1970	11.71	2055	12.80
4548	4800	1330	5.17	1440	6.17	1545	7.20	1646	8.24	1737	9.21	1825	10.20	1911	11.35	1995	12.48	2080	13.64
4738	5000	1375	5.75	1482	6.79	1584	7.87	1683	8.97	1770	9.91	1860	11.10	1941	12.13	2023	13.38	2105	14.49
4927	5200	1420	6.37	1525	7.46	1624	8.58	1720	9.72	1808	10.77	1893	11.87	1974	13.02	2053	14.16	2131	15.38
5117	5400	1466	7.04	1569	8.18	1664	9.34	1757	10.50	1846	11.67	1926	12.68	2009	13.90	2083	15.07	2160	16.33
5306	5600	1512	7.75	1613	8.96	1705	10.14	1795	11.34	1884	12.59	1963	13.65	2042	14.88	2118	16.14	2190	17.33
5496	5800	1558	8.52	1658	9.78	1747	10.99	1834	12.23	1920	13.52	2000	14.70	2075	15.82	2152	17.22	2221	18.39
5685	6000	1605	9.33	1703	10.66	1789	11.89	1874	13.19	1958	14.49	2039	15.81	2111	16.91	2185	18.25	2257	19.64
5875	6200	1651	10.20	1749	11.59	1831	12.84	1915	14.19	1995	15.52	2076	16.98	2148	18.13	2218	19.33	2291	20.82

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1895	2000	1904	5.69	1993	6.35	2078	7.03	2160	7.72	2238	8.43	2314	9.14	2387	9.88	2458	10.62	2527	11.37
2084	2200	1913	6.18	2001	6.78	2086	7.50	2168	8.23	2246	8.97	2322	9.72	2395	10.49	2466	11.26	2535	12.05
2274	2400	1925	6.57	2012	7.28	2095	8.00	2176	8.74	2254	9.51	2330	10.30	2403	11.10	2474	11.92	2543	12.74
2463	2600	1939	7.10	2023	7.79	2107	8.55	2187	9.32	2264	10.10	2338	10.89	2411	11.73	2482	12.58	2551	13.44
2653	2800	1954	7.69	2039	8.43	2120	9.17	2198	9.93	2275	10.75	2349	11.58	2421	12.42	2491	13.26	2559	14.15
2842	3000	1969	8.21	2054	9.06	2136	9.87	2213	10.66	2288	11.46	2361	12.28	2432	13.16	2502	14.05	2570	14.94
3032	3200	1985	8.77	2069	9.63	2151	10.53	2229	11.43	2303	12.27	2375	13.12	2445	13.97	2513	14.85	2581	15.78
3221	3400	2002	9.37	2086	10.27	2165	11.17	2243	12.11	2319	13.07	2391	14.00	2461	14.90	2528	15.79	2594	16.69
3411	3600	2022	10.03	2103	10.93	2182	11.87	2259	12.82	2333	13.79	2406	14.80	2476	15.83	2544	16.79	2610	17.74
3600	3800	2041	10.72	2123	11.67	2201	12.62	2276	13.59	2350	14.59	2421	15.60	2491	16.64	2559	17.72	2625	18.80
3790	4000	2061	11.42	2142	12.42	2220	13.42	2295	14.42	2367	15.43	2438	16.48	2507	17.54	2573	18.60	2640	19.72
3979	4200	2084	12.19	2162	13.28	2240	14.24	2314	15.29	2386	16.34	2456	17.39	2524	18.48	2590	19.59	2655	20.70
4169	4400	2107	13.00	2185	14.05	2260	15.18	2334	16.19	2406	17.29	2475	18.39	2542	19.49	2608	20.68	2672	21.76
4358	4600	2132	13.84	2208	14.93	2283	16.03	2354	17.12	2425	18.26	2495	19.41	2562	20.56	2627	21.71	2690	22.86
4548	4800	2159	14.76	2232	15.85	2306	16.98	2377	18.13	2446	19.28	2514	20.46	2581	21.65	2646	22.85	2709	24.05
4738	5000	2186	15.70	2260	16.96	2330	17.99	2400	19.17	2469	20.37	2536	21.56	2601	22.78	2666	24.02	2729	25.27
4927	5200	2218	16.64	2287	17.89	2357	19.08	2424	20.26	2492	21.49	2559	22.73	2623	23.98	2686	25.22	2749	26.52
5117	5400	2235	17.60	2311	18.91	2385	20.22	2452	21.44	2516	22.66	2582	23.94	2646	25.23	2709	26.52	2769	27.81
5306	5600	2263	18.64	2336	19.96	2409	21.32	2479	22.67	2544	23.94	2606	25.20	2669	26.52	2731	27.86	2792	29.20
5496	5800	2293	19.72	2363	21.00	2434	22.46	2504	23.87	2571	25.26	2634	26.57	2694	27.88	2754	29.24	2815	30.63
5685	6000	2323	20.84	2393	22.25	2459	23.65	2529	25.10	2596	26.55	2661	27.99	2721	29.35	2780	30.70	2830	32.10
5875	6200	2357	22.13	2423	23.47	2489	24.92	2553	26.37	2621	27.87	2686	29.37	2749	30.86	2807	32.26	2864	33.66
6064	6400	2393	23.53	2454	24.76	2519	26.23	2583	27.73	2645	29.23	2711	30.78	2774	32.33	2835	33.87		
6254	6600	2425	24.80	2489	26.28	2549	27.59	2613	29.14	2674	30.68	2735	32.24	2798	33.84	2860	35.44		
6443	6800	2459	26.12	2524	27.75	2583	29.16	2643	30.59	2704	32.18	2763	33.77	2823	35.38				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2274	2400	2610	13.58	2675	14.43	2739	15.26	2801	16.15	2862	17.03
2463	2600	2618	14.31	2684	15.28	2747	16.05	2809	16.99	2870	17.91
2653	2800	2626	15.06	2692	15.97	2755	16.90	2817	17.84		
2842	3000	2635	15.84	2700	16.76	2763	17.73	2826	18.78		
3032	3200	2647	16.72	2711	17.67	2773	18.63	2834	19.68		
3221	3400	2658	17.62	2722	18.61	2785	19.63	2846	20.61		
3411	3600	2673	18.69	2736	19.65	2796	20.68	2857	21.65		
3600	3800	2689	19.81	2751	20.81	2812	21.81				
3790	4000	2704	20.95	2767	22.00	2828	23.05				
3979	4200	2718	22.10	2781	23.21	2842	24.29				
4169	4400	2735	22.92	2796	24.09	2857	25.26				
4358	4600	2752	24.05	2814	25.26						
4548	4800	2771	25.25	2831	26.46						
4738	5000	2790	26.52	2850	27.77						
4927	5200	2810	27.82	2870	29.12						
5117	5400	2830	29.15								
5306	5600	2851	30.54								
5496	5800										
5685	6000										
5875	6200										

15MH INDUSTRIAL EXHAUSTER

Wheel Dia. 26 1/8

Inlet Dia 15 1/8

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 2193

☒ H.D. Wheel & H.D. Shaft 2486

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1768	1400	578	0.53	766	0.98	918	1.46	1048	1.98	1166	2.54	1272	3.14	1378	3.77	1461	4.42	1547	5.09
2021	1600	681	0.64	931	1.13	1101	1.68	1259	2.22	1414	2.81	1567	3.44	1717	4.11	1861	4.81	1999	5.52
2274	1800	784	0.77	1079	1.31	1274	1.89	1452	2.52	1625	3.13	1790	3.78	1948	4.47	2101	5.20	2249	5.96
2526	2000	887	0.93	1219	1.51	1441	2.13	1655	2.79	1861	3.50	2059	4.17	2251	4.88	2438	5.64	2619	6.41
2779	2200	990	1.09	1362	1.75	1598	2.40	1831	3.18	2071	3.83	2297	4.62	2517	5.36	2731	6.11	2939	6.93
3032	2400	1101	1.31	1521	1.99	1766	2.78	2011	3.45	2266	4.21	2506	5.02	2741	5.87	2971	6.69	3189	7.50
3285	2600	1212	1.55	1681	2.25	1931	3.04	2181	3.82	2431	4.63	2671	5.47	2901	6.34	3121	7.26	3329	8.17
3537	2800	1323	1.80	1841	2.57	2141	3.39	2391	4.22	2641	5.08	2881	5.97	3111	6.87	3341	7.81	3549	8.79
3790	3000	1434	2.10	1991	2.90	2301	3.76	2591	4.67	2841	5.56	3081	6.49	3311	7.44	3531	8.41	3739	9.42
4043	3200	1545	2.43	2151	3.27	2461	4.17	2751	5.14	3001	6.08	3241	7.06	3471	8.05	3691	9.07	3899	10.10
4295	3400	1656	2.79	2311	3.72	2621	4.64	2911	5.63	3161	6.66	3401	7.66	3631	8.70	3861	9.77	4069	10.85
4548	3600	1767	3.19	2471	4.19	2781	5.15	3071	6.16	3321	7.26	3561	8.32	3791	9.40	3991	10.49	4199	11.63
4801	3800	1878	3.64	2631	4.68	2941	5.66	3231	6.73	3481	7.86	3721	9.03	3951	10.13	4161	11.28	4339	12.44
5053	4000	1989	4.13	2791	5.21	3101	6.28	3391	7.41	3641	8.52	3881	9.74	4061	10.94	4221	12.11	4479	13.32
5306	4200	2100	4.68	2951	5.80	3261	6.96	3501	8.07	3801	9.23	4011	10.48	4211	11.77	4361	13.01	4639	14.24
5559	4400	2211	5.26	3111	6.44	3421	7.66	3661	8.75	3961	10.03	4171	11.28	4321	12.61	4461	13.96	4799	15.23
5811	4600	2322	5.89	3271	7.12	3581	8.39	3821	9.58	4121	10.69	4331	12.12	4481	13.49	4621	14.91	4939	16.30
6064	4800	2433	6.58	3431	7.85	3741	9.17	4081	10.49	4281	11.72	4491	13.00	4641	14.44	4781	15.88	5069	17.36
6317	5000	2544	7.31	3591	8.64	3901	10.01	4241	11.42	4441	12.62	4651	14.12	4811	15.44	4951	16.93	5209	18.45
6570	5200	2655	8.11	3751	9.49	4061	10.92	4401	12.37	4601	13.70	4811	15.11	4971	16.50	5111	18.03	5349	19.50
6822	5400	2766	8.96	3911	10.42	4221	11.88	4561	13.37	4761	14.85	4971	16.14	5131	17.79	5271	19.18	5489	20.79
7075	5600	2877	9.87	4071	11.40	4381	12.90	4721	14.43	4921	16.02	5131	17.38	5291	18.94	5431	20.55	5629	22.05
7328	5800	2988	10.84	4231	12.45	4541	13.99	4881	15.57	5081	17.20	5291	18.72	5411	20.14	5591	21.91	5769	23.41
7580	6000	3100	11.86	4391	13.57	4701	15.13	5041	16.78	5241	18.45	5451	20.13	5651	21.53	5791	23.23	5909	25.00
7833	6200	3211	12.99	4551	14.75	4861	16.34	5201	18.06	5401	19.75	5611	21.52	5811	23.07	5931	24.60	6049	26.50

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2526	2000	1649	7.24	1726	8.08	1800	8.95	1870	9.83	1938	10.73	2004	11.64	2067	12.57	2129	13.51	2188	14.47
2779	2200	1657	7.77	1733	8.63	1807	9.54	1877	10.47	1945	11.41	2011	12.37	2074	13.35	2136	14.34	2195	15.34
3032	2400	1667	8.36	1742	9.26	1815	10.18	1884	11.12	1952	12.11	2018	13.11	2081	14.14	2143	15.17	2202	16.22
3285	2600	1679	9.04	1752	9.92	1824	10.89	1894	11.87	1960	12.86	2025	13.87	2088	14.93	2150	16.01	2209	17.11
3537	2800	1692	9.79	1766	10.73	1836	11.67	1904	12.64	1970	13.69	2035	14.74	2097	15.81	2157	16.80	2216	18.01
3790	3000	1705	10.46	1779	11.54	1849	12.57	1917	13.57	1981	14.58	2044	15.64	2107	16.75	2167	17.80	2225	19.02
4043	3200	1719	11.17	1792	12.26	1862	13.41	1930	14.55	1995	15.62	2057	16.78	2119	17.78	2177	18.90	2235	20.09
4295	3400	1734	11.93	1806	13.07	1875	14.21	1943	15.41	2008	16.64	2071	17.82	2133	18.96	2190	20.18	2246	21.25
4548	3600	1751	12.77	1821	13.92	1890	15.11	1956	16.32	2020	17.55	2084	18.84	2145	20.15	2203	21.30	2260	22.50
4801	3800	1768	13.64	1838	14.85	1906	16.06	1971	17.38	2035	18.57	2097	19.86	2157	21.19	2216	22.56	2274	23.94
5053	4000	1785	14.54	1855	15.81	1923	17.00	1987	18.35	2050	19.64	2111	20.98	2171	22.32	2229	23.67	2286	25.10
5306	4200	1805	15.52	1872	16.80	1940	18.13	2004	19.46	2066	20.80	2127	22.14	2186	23.53	2243	24.93	2299	26.35
5559	4400	1825	16.54	1892	17.88	1957	19.22	2021	20.61	2083	22.01	2143	23.48	2202	24.81	2258	26.23	2314	27.70
5811	4600	1846	17.62	1912	19.00	1977	20.48	2039	21.80	2100	23.24	2160	24.70	2219	26.17	2275	27.63	2329	29.10
6064	4800	1870	18.79	1933	20.18	1997	21.62	2059	23.00	2118	24.54	2177	26.04	2235	27.56	2292	29.09	2346	30.61
6317	5000	1893	19.99	1957	21.46	2018	22.90	2079	24.41	2138	25.93	2196	27.45	2253	28.99	2309	30.50	2363	32.17
6570	5200	1914	21.18	1981	22.78	2041	24.29	2099	25.79	2158	27.36	2216	28.94	2272	30.52	2326	32.11	2380	33.76
6822	5400	1935	22.41	2002	24.07	2065	25.74	2123	27.29	2179	28.85	2236	30.48	2291	32.12	2345	33.76	2398	35.40
7075	5600	1960	23.72	2023	25.41	2086	27.14	2147	28.86	2203	30.47	2257	32.08	2311	33.76	2365	35.47	2418	37.17
7328	5800	1986	25.18	2046	26.83	2108	28.59	2169	30.38	2227	32.15	2281	33.82	2333	35.49	2385	37.22	2438	38.99
7580	6000	2012	26.53	2072	28.32	2130	30.11	2190	31.95	2248	33.80	2305	35.62	2357	37.36	2407	39.08	2458	40.86
7833	6200	2041	28.17	2098	29.87	2156	31.72	2211	33.56	2270	35.40	2326	37.39	2381	39.28	2431	41.07	2480	42.85
8086	6400	2072	29.95	2125	31.52	2181	33.39	2237	35.30	2291	37.21	2347	39.19	2402	41.16	2455	43.11		
8338	6600	2100	31.57	2156	33.45	2208	35.12	2263	37.09	2316	39.05	2369	41.03	2423	43.07	2476	45.11		
8591	6800	2129	33.24	2185	35.32	2237	37.12	2289	38.94	2342	40.97	2393	42.99	2445	45.04				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3032	2400	2260	17.28	2317	18.36	2372	19.45	2426	20.56	2479	21.60
3285	2600	2267	18.22	2324	19.34	2379	20.48	2433	21.63	2486	22.79
3537	2800	2274	19.17	2331	20.33	2386	21.52	2440	22.71		
3790	3000	2282	20.17	2338	21.34	2393	22.57	2447	23.81		
4043	3200	2292	21.29	2348	22.50	2402	23.72	2455	24.95		
4295	3400	2302	22.43	2357	23.69	2412	24.96	2464	26.24		
4548	3600	2315	23.79	2369	25.01	2422	26.22	2474	27.55		
4801	3800	2329	25.21	2380	26.49	2435	27.77	2486	29.05		
5053	4000	2342	26.55	2396	28.00	2449	29.34				
5306	4200	2354	27.79	2409	29.29	2462	30.81				
5559	4400	2369	29.18	2422	30.66	2474	32.18				
5811	4600	2384	30.61	2437	32.15						
6064	4800	2400	32.14	2453	33.68						
6317	5000	2416	33.76	2468	35.35						
6578	5200	2433	35.41	2485	37.06						
6822	5400	2450	37.10								
7075	5600	2469	38.08								
7328	5800										
7590	6000										
7853	6200										

17MH INDUSTRIAL EXHAUSTER

Wheel Dia. 29 1/8"

Inlet Dia. 17 1/8"

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1934

■ H.D. Wheel & H.D. Shaft 2192

**HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION**

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2274	1400	510	0.68	676	1.25	809	1.88	925	2.54	1028	3.27	1122	4.04	1208	4.85	1289	5.68	1364	6.54
2599	1600	530	0.83	690	1.46	821	2.15	934	2.86	1035	3.62	1128	4.42	1214	5.29	1295	6.18	1378	7.10
2924	1800	550	0.99	705	1.69	833	2.43	946	3.24	1045	4.02	1136	4.86	1221	5.74	1301	6.69	1383	7.67
3249	2000	575	1.19	722	1.95	848	2.75	957	3.59	1057	4.50	1146	5.36	1229	6.28	1308	7.25	1385	8.25
3574	2200	600	1.41	743	2.24	863	3.09	971	3.99	1068	4.93	1158	5.94	1240	6.89	1317	7.86	1391	8.92
3899	2400	628	1.69	762	2.55	880	3.48	986	4.43	1081	5.41	1169	6.45	1252	7.55	1329	8.60	1401	9.64
4224	2600	657	1.99	784	2.90	900	3.90	1002	4.91	1096	5.96	1182	7.03	1263	8.15	1340	9.34	1413	10.50
4549	2800	685	2.32	809	3.30	920	4.36	1019	5.43	1111	6.53	1197	7.67	1276	8.83	1352	10.04	1424	11.31
4874	3000	716	2.70	834	3.73	939	4.84	1039	6.00	1128	7.15	1212	8.35	1291	9.57	1365	10.81	1436	12.11
5198	3200	747	3.12	861	4.21	962	5.37	1059	6.62	1146	7.82	1228	9.07	1306	10.36	1379	11.66	1449	12.98
5523	3400	778	3.59	880	4.78	986	5.97	1070	7.24	1167	8.57	1246	9.85	1322	11.18	1394	12.56	1464	13.95
5848	3600	810	4.10	910	5.39	1013	6.62	1100	7.92	1186	9.33	1265	10.78	1339	12.08	1418	13.49	1478	14.95
6173	3800	844	4.68	946	6.02	1038	7.28	1123	8.65	1205	10.11	1286	11.61	1357	13.02	1427	14.51	1494	15.99
6498	4000	878	5.32	975	6.78	1066	8.07	1149	9.53	1227	10.96	1305	12.53	1378	14.07	1445	15.57	1511	17.13
6823	4200	913	6.01	1006	7.46	1095	8.95	1175	10.38	1250	11.86	1324	13.47	1398	15.14	1465	16.72	1529	18.32
7148	4400	947	6.77	1036	8.28	1123	9.85	1200	11.26	1275	12.90	1346	14.50	1417	16.22	1486	17.96	1548	19.59
7473	4600	981	7.58	1068	9.16	1151	10.79	1228	12.32	1301	14.00	1369	15.59	1437	17.35	1505	19.17	1569	20.96
7798	4800	1015	8.46	1100	10.10	1180	11.79	1257	13.48	1326	15.07	1394	16.82	1459	18.57	1524	20.42	1589	22.33
8123	5000	1050	9.40	1132	11.11	1209	12.88	1286	14.69	1352	16.23	1421	18.16	1482	19.85	1545	21.77	1607	23.72
8448	5200	1085	10.42	1164	12.20	1240	14.04	1314	15.91	1381	17.62	1446	19.43	1500	21.32	1560	23.18	1627	25.18
8773	5400	1120	11.52	1198	13.39	1271	15.28	1342	17.19	1410	19.10	1471	20.76	1534	22.88	1591	24.66	1658	26.74
9098	5600	1155	12.69	1232	14.66	1303	16.59	1371	18.55	1439	20.60	1499	22.35	1559	24.36	1617	26.42	1673	28.36
9423	5800	1190	13.94	1266	16.01	1334	17.99	1401	20.02	1467	22.12	1528	24.07	1584	25.90	1644	28.18	1696	30.11
9748	6000	1226	15.28	1301	17.45	1366	19.46	1431	21.58	1495	23.72	1557	25.88	1612	27.69	1669	29.87	1724	32.15
10072	6200	1261	16.70	1335	18.97	1398	21.02	1462	23.23	1524	25.40	1585	27.67	1641	29.67	1694	31.64	1749	34.08

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3249	2000	1454	9.31	1522	10.48	1587	11.51	1649	12.64	1709	13.79	1767	14.97	1823	16.16	1877	17.38	1930	18.61
3574	2200	1461	9.99	1528	11.18	1593	12.27	1656	13.46	1715	14.68	1773	15.91	1829	17.16	1883	18.44	1936	19.73
3899	2400	1470	10.75	1537	11.91	1600	13.09	1662	14.30	1722	15.57	1779	16.86	1835	18.18	1890	19.51	1942	20.86
4224	2600	1481	11.63	1545	12.76	1609	14.00	1670	15.26	1729	16.53	1786	17.83	1842	19.20	1896	20.59	1948	22.00
4549	2800	1493	12.59	1557	13.80	1619	15.01	1679	16.26	1737	17.68	1794	18.95	1849	20.32	1902	21.71	1955	23.16
4874	3000	1504	13.44	1569	14.84	1631	16.16	1690	17.45	1747	18.75	1803	20.11	1858	21.54	1911	22.99	1962	24.46
5198	3200	1516	14.36	1580	15.76	1642	17.24	1702	18.71	1759	20.09	1814	21.47	1867	22.86	1920	24.30	1971	25.83
5523	3400	1529	15.34	1593	16.80	1654	18.28	1713	19.81	1771	21.39	1826	22.92	1879	24.38	1931	25.85	1981	27.33
5848	3600	1544	16.42	1606	17.90	1667	19.43	1725	20.99	1782	22.57	1837	24.23	1891	25.91	1943	27.49	1993	29.04
6173	3800	1559	17.54	1621	19.09	1681	20.65	1738	22.25	1795	23.88	1849	25.53	1902	27.24	1954	29.00	2005	30.78
6498	4000	1574	18.70	1636	20.33	1695	21.96	1753	23.60	1808	25.25	1862	26.97	1914	28.70	1965	30.44	2016	32.28
6823	4200	1591	19.96	1651	21.60	1710	23.31	1767	25.03	1822	26.75	1875	28.47	1927	30.25	1978	32.06	2028	33.88
7148	4400	1609	21.27	1669	22.99	1726	24.71	1782	26.50	1837	28.30	1890	30.18	1941	31.90	1991	33.73	2041	35.62
7473	4600	1628	22.66	1686	24.43	1743	26.23	1798	28.03	1852	29.89	1905	31.77	1956	33.65	2006	35.53	2054	37.42
7798	4800	1649	24.17	1705	25.94	1761	27.80	1816	29.68	1868	31.56	1920	33.48	1971	35.44	2021	37.48	2069	39.37
8123	5000	1669	25.70	1726	27.59	1779	29.44	1833	31.38	1886	33.34	1937	35.30	1986	37.28	2036	39.32	2084	41.36
8448	5200	1688	27.23	1747	29.29	1800	31.23	1851	33.16	1903	35.18	1954	37.21	2003	39.25	2051	41.29	2099	43.41
8773	5400	1707	28.81	1765	30.96	1821	33.09	1872	35.10	1922	37.10	1972	39.19	2021	41.38	2068	43.41	2115	45.53
9098	5600	1729	30.51	1784	32.68	1840	34.90	1894	37.11	1943	39.18	1990	41.26	2038	43.42	2086	45.61	2132	47.00
9423	5800	1751	32.28	1805	34.50	1859	36.77	1912	39.07	1964	41.34	2011	43.49	2057	45.64	2104	47.67	2158	50.14
9748	6000	1774	34.12	1827	36.42	1878	38.71	1931	41.08	1983	43.46	2032	45.81	2078	48.04	2123	50.26	2167	52.54
10072	6200	1800	36.23	1850	38.41	1901	40.79	1950	43.16	2001	45.62	2051	48.08	2099	50.51	2144	52.81	2187	55.18
10397	6400	1827	38.51	1874	40.53	1924	42.93	1973	45.39	2020	47.85	2070	50.39	2118	52.93	2165	55.44		
10722	6600	1852	40.59	1901	43.02	1947	45.16	1995	47.69	2042	50.22	2089	52.76	2137	55.39	2184	58.00		
11047	6800	1877	42.75	1927	45.42	1973	47.73	2018	50.07	2065	52.68	2118	55.28	2156	57.92				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3899	2400	1993	22.23	2043	23.61	2092	25.02	2139	26.44	2186	27.87
4224	2600	2008	23.43	2049	24.87	2098	26.33	2146	27.81	2192	29.31
4549	2800	2006	24.64	2056	26.15	2104	27.67	2152	29.21		
4874	3000	2013	25.93	2062	27.44	2110	29.02	2158	30.61		
5198	3200	2021	27.37	2070	28.93	2118	30.50	2165	32.00		
5523	3400	2030	28.84	2079	30.46	2127	32.09	2173	33.74		
5848	3600	2042	30.60	2089	32.16	2135	33.72	2182	35.43		
6173	3800	2054	32.42	2101	34.06	2147	35.78				
6498	4000	2065	34.33	2113	36.00	2159	37.73				
6823	4200	2076	35.73	2124	37.67	2171	39.62				
7148	4400	2089	37.52	2136	39.42	2182	41.38				
7473	4600	2102	39.36	2149	41.35						
7798	4800	2116	41.33	2162	43.31						
8123	5000	2131	43.41	2177	45.45						
8448	5200	2146	45.53	2192	47.66						
8773	5400	2161	47.71								
9098	5600	2177	49.99								
9423	5800										
9748	6000										
10073	6200										

194MH INDUSTRIAL EXHAUSTER

Wheel Dia. 33

Inlet Dia. 19 1/8

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 1736

☐ H.D. Wheel & H.D. Shaft 1967

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2622	1400	457	8.78	607	1.44	727	2.16	838	2.92	923	3.76	1007	4.65	1085	5.57	1157	6.53	1225	7.52
3225	1600	475	8.95	619	1.68	737	2.48	838	3.28	929	4.16	1013	5.09	1090	6.08	1162	7.18	1236	8.16
3628	1800	494	1.14	633	1.94	748	2.79	849	3.72	938	4.62	1028	5.59	1096	6.68	1168	7.69	1236	8.81
4031	2000	516	1.37	649	2.24	761	3.16	859	4.12	949	5.17	1029	6.17	1104	7.21	1175	8.33	1241	9.48
4435	2200	539	1.62	667	2.58	775	3.55	871	4.58	959	5.66	1040	6.83	1113	7.92	1182	9.03	1249	10.25
4838	2400	564	1.94	684	2.93	790	3.99	885	5.09	970	6.22	1050	7.41	1124	8.68	1193	9.89	1257	11.08
5241	2600	590	2.29	704	3.33	808	4.49	899	5.64	984	6.85	1061	8.08	1134	9.37	1203	10.74	1268	12.07
5644	2800	615	2.67	726	3.80	826	5.01	915	6.24	997	7.50	1074	8.82	1146	10.15	1214	11.54	1278	12.99
6047	3000	642	3.10	749	4.29	843	5.56	933	6.90	1013	8.22	1090	9.59	1159	11.00	1225	12.43	1289	13.92
6451	3200	670	3.59	773	4.84	864	6.17	951	7.60	1029	8.99	1102	10.43	1172	11.90	1238	13.41	1301	14.92
6854	3400	699	4.12	799	5.50	886	6.86	968	8.32	1047	9.85	1118	11.33	1186	12.85	1252	14.43	1314	16.03
7257	3600	728	4.71	824	6.19	909	7.61	987	9.11	1065	10.72	1135	12.29	1202	13.89	1266	15.10	1327	17.19
7660	3800	758	5.38	849	6.92	932	8.36	1008	9.94	1082	11.62	1154	13.35	1218	14.97	1281	16.67	1341	18.38
8063	4000	788	6.11	875	7.78	957	9.28	1032	10.95	1101	12.60	1171	14.40	1237	16.17	1297	17.89	1357	19.69
8466	4200	819	6.91	903	8.58	983	10.29	1054	11.93	1122	13.64	1188	15.49	1255	17.40	1315	19.22	1372	21.05
8878	4400	850	7.78	938	9.52	1008	11.33	1077	12.94	1145	14.83	1208	16.67	1272	18.64	1334	20.64	1390	22.52
9273	4600	881	8.71	959	10.53	1034	12.40	1102	14.16	1168	16.09	1229	17.92	1290	19.95	1351	22.03	1409	24.09
9676	4800	912	9.72	987	11.61	1059	13.55	1128	15.50	1191	17.32	1251	19.33	1318	21.35	1368	23.40	1426	25.66
10079	5000	943	10.81	1016	12.77	1086	14.80	1154	16.88	1214	18.65	1275	20.68	1331	22.60	1387	25.02	1443	27.26
10482	5200	974	11.98	1045	14.03	1113	16.14	1179	18.28	1240	20.26	1290	22.33	1354	24.50	1407	26.65	1461	28.94
10886	5400	1005	13.24	1076	15.39	1141	17.57	1205	19.76	1266	21.95	1320	23.86	1377	26.30	1428	28.35	1481	30.73
11289	5600	1037	14.59	1106	16.85	1169	19.07	1238	21.33	1291	23.68	1346	25.69	1400	28.00	1452	30.37	1502	32.68
11692	5800	1068	16.03	1137	18.41	1198	20.67	1257	23.01	1317	25.43	1371	27.66	1422	29.77	1476	32.39	1523	34.68
12095	6000	1099	17.56	1168	20.06	1226	22.37	1285	24.81	1342	27.27	1398	29.75	1447	31.82	1498	34.34	1548	36.95
12498	6200	1132	19.28	1199	21.81	1255	24.16	1313	26.70	1368	29.20	1423	31.80	1473	34.10	1521	36.37	1570	39.17

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4031	2000	1305	18.70	1366	11.95	1425	13.23	1481	14.53	1534	15.85	1596	17.21	1637	18.58	1685	19.90	1733	21.39
4435	2200	1312	11.40	1372	12.76	1430	14.11	1486	15.48	1540	16.87	1592	18.29	1642	19.73	1691	21.19	1738	22.68
4838	2400	1320	12.36	1379	13.69	1437	15.04	1492	16.44	1546	17.90	1597	19.38	1648	20.89	1696	22.42	1744	23.97
5241	2600	1329	13.36	1387	14.66	1444	16.09	1499	17.54	1552	19.00	1603	20.49	1653	22.07	1702	23.67	1749	25.29
5644	2800	1340	14.47	1398	15.86	1453	17.25	1507	18.69	1560	20.23	1611	21.79	1660	23.36	1708	24.95	1755	26.62
6047	3000	1350	15.45	1409	17.05	1464	18.57	1517	20.06	1568	21.56	1618	23.11	1668	24.76	1715	26.43	1762	28.11
6451	3200	1361	16.51	1418	18.11	1474	19.80	1528	21.51	1579	23.09	1629	24.68	1676	26.28	1723	27.93	1770	29.69
6854	3400	1373	17.63	1430	19.31	1485	21.01	1538	22.78	1590	24.59	1639	26.34	1687	28.02	1733	29.71	1778	31.41
7257	3600	1386	18.88	1442	20.57	1496	22.33	1549	24.12	1600	25.94	1650	27.05	1698	29.78	1744	31.59	1789	33.38
7660	3800	1399	20.16	1455	21.95	1509	23.74	1561	25.57	1611	27.45	1660	29.35	1708	31.32	1754	33.34	1800	35.38
8063	4000	1413	21.49	1469	23.37	1522	25.24	1573	27.13	1623	29.83	1671	31.00	1719	32.99	1764	34.99	1810	37.10
8466	4200	1429	22.94	1482	24.83	1536	26.80	1587	28.77	1636	30.74	1684	32.72	1730	34.77	1776	36.85	1820	38.94
8878	4400	1445	24.45	1498	26.43	1549	28.41	1600	30.46	1649	32.53	1697	34.59	1743	36.66	1788	38.76	1832	40.94
9273	4600	1461	26.05	1514	28.08	1565	30.15	1614	32.22	1663	34.36	1710	36.51	1756	38.67	1801	40.84	1844	43.01
9676	4800	1480	27.78	1530	29.82	1581	31.96	1630	34.12	1677	36.27	1724	38.49	1770	40.74	1814	42.99	1858	45.25
10079	5000	1498	29.54	1549	31.72	1597	33.84	1646	36.07	1693	38.32	1738	40.57	1783	42.85	1828	45.28	1871	47.54
10482	5200	1515	31.30	1568	33.67	1616	35.90	1662	38.11	1709	40.43	1754	42.77	1798	45.11	1841	47.46	1884	49.90
10886	5400	1532	33.12	1585	35.58	1635	38.04	1681	40.34	1725	42.64	1770	45.04	1814	47.47	1857	49.90	1898	52.33
11289	5600	1552	35.06	1601	37.56	1652	40.12	1700	42.65	1744	45.04	1787	47.42	1830	49.90	1873	52.42	1914	54.94
11692	5800	1572	37.10	1628	39.65	1669	42.26	1717	44.91	1763	47.52	1806	49.99	1847	52.46	1888	55.02	1930	57.63
12095	6000	1593	39.22	1648	41.86	1686	44.50	1734	47.22	1780	49.96	1825	52.65	1866	55.21	1906	57.77	1946	60.39
12498	6200	1616	41.64	1661	44.15	1707	46.80	1751	49.61	1797	52.44	1842	55.26	1885	58.05	1925	60.70	1963	63.34
12902	6400	1640	44.27	1682	46.59	1727	49.35	1771	52.17	1814	54.99	1858	57.92	1902	60.84	1944	63.72		
13305	6600	1663	46.66	1707	49.45	1748	51.90	1791	54.82	1833	57.72	1875	60.65	1918	63.66	1951	66.67		
13708	6800	1685	49.14	1738	52.21	1771	54.07	1812	57.55	1854	60.55	1895	63.54	1935	66.57				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4838	2400	1790	25.55	1834	27.14	1878	28.75	1921	30.39	1962	32.04
5241	2600	1795	26.93	1840	28.59	1883	30.27	1926	31.97		
5644	2800	1801	28.33	1845	30.06	1889	31.80	1932	33.57		
6047	3000	1807	29.81	1851	31.54	1895	33.35	1937	35.19		
6451	3200	1815	31.46	1859	33.25	1901	35.06	1943	36.87		
6854	3400	1822	33.15	1866	35.01	1909	36.89	1951	38.78		
7257	3600	1833	35.17	1875	36.96	1917	38.76	1959	40.72		
7660	3800	1844	37.27	1886	39.15	1928	41.04				
8063	4000	1854	39.23	1897	41.38	1939	43.36				
8466	4200	1864	41.87	1907	43.38	1949	45.54				
8878	4400	1875	43.12	1917	45.32	1959	47.56				
9273	4600	1887	45.25	1929	47.52						
9676	4800	1900	47.51	1941	49.78						
10079	5000	1913	49.89	1954	52.25						
10482	5200	1926	52.34	1967	54.78						
10886	5400	1940	54.84								
11289	5600	1954	57.46								
11692	5800										
12095	6000										
12498	6200										

21" MH INDUSTRIAL EXHAUSTER

Wheel Dia. 36 1/2

Inlet Dia. 21 1/8

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1570

■ H.D. Wheel & H.D. Shaft 1779

**HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION**

CFM	CV	1,000 SP		2,000 SP		3,000 SP		4,000 SP		5,000 SP		6,000 SP		7,000 SP		8,000 SP		9,000 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3452	1400	414	0.95	549	1.76	657	2.64	758	3.57	834	4.68	918	5.68	981	6.81	1046	7.99	1107	9.28
3945	1600	438	1.16	568	2.05	667	3.03	758	4.82	840	5.89	916	6.22	986	7.44	1051	8.69	1112	9.98
4439	1800	446	1.39	572	2.37	676	3.43	768	4.55	848	5.65	922	6.84	991	8.08	1056	9.41	1117	10.78
4932	2000	466	1.67	586	2.74	688	3.86	777	5.85	858	6.33	938	7.54	998	8.83	1062	10.19	1122	11.68
5425	2200	487	1.96	603	3.16	708	4.34	788	5.61	867	6.93	948	8.35	1007	9.69	1069	11.05	1129	12.54
5918	2400	518	2.37	618	3.59	715	4.89	808	6.23	877	7.61	949	9.07	1016	10.62	1078	12.18	1137	13.56
6412	2600	533	2.80	636	4.08	731	5.49	813	6.90	889	8.38	968	9.89	1025	11.46	1088	13.13	1146	14.77
6905	2800	556	3.26	656	4.64	747	6.13	827	7.63	902	9.18	971	10.79	1036	12.42	1097	14.12	1156	15.98
7398	3000	581	3.79	677	5.25	762	6.88	843	8.44	916	10.06	984	11.74	1048	13.46	1108	15.21	1165	17.83
7891	3200	606	4.39	698	5.92	781	7.55	868	9.38	938	11.08	997	12.76	1068	14.56	1128	16.48	1176	18.26
8385	3400	632	5.84	722	6.73	801	8.39	875	10.18	947	12.05	1011	13.85	1073	15.73	1132	17.66	1188	19.61
8878	3600	658	5.76	745	7.57	822	9.31	893	11.14	963	13.12	1027	15.04	1087	16.99	1144	18.97	1200	21.82
9371	3800	685	6.58	768	8.46	842	10.23	911	12.16	978	14.22	1044	16.33	1101	18.31	1158	20.48	1212	22.49
9864	4000	713	7.48	791	9.42	865	11.35	933	13.48	996	15.41	1059	17.61	1118	19.78	1173	21.89	1227	24.89
10358	4200	741	8.46	816	10.49	888	12.59	953	14.59	1014	16.68	1074	18.95	1135	21.29	1189	23.52	1241	25.76
10851	4400	769	9.52	841	11.64	912	13.66	974	15.83	1035	18.14	1092	20.48	1158	22.08	1226	25.25	1257	27.54
11344	4600	796	10.66	867	12.88	934	15.18	997	17.32	1056	19.69	1111	21.92	1166	24.48	1241	26.95	1274	29.47
11837	4800	824	11.89	892	14.28	958	16.58	1020	18.96	1076	21.19	1131	23.65	1184	26.12	1237	28.72	1290	31.48
12331	5000	852	13.22	918	15.62	982	18.18	1043	20.66	1097	22.82	1153	25.54	1203	27.91	1254	30.61	1305	33.55
12824	5200	880	14.66	945	17.16	1007	19.74	1066	22.37	1121	24.78	1173	27.32	1224	29.98	1273	32.68	1321	35.48
13317	5400	909	16.20	972	18.83	1032	21.49	1089	24.18	1144	26.85	1194	29.19	1245	32.18	1291	34.68	1339	37.59
13810	5600	937	17.84	1000	20.62	1057	23.33	1112	26.89	1168	28.97	1217	31.42	1266	34.25	1313	37.15	1358	39.88
14304	5800	966	19.61	1028	22.52	1083	25.29	1137	28.16	1190	31.11	1240	33.84	1286	36.42	1334	39.63	1377	42.23
14797	6000	995	21.48	1056	24.54	1109	27.36	1162	30.35	1213	33.36	1264	36.39	1308	38.93	1354	42.81	1399	45.31
15290	6200	1024	23.49	1084	26.68	1135	29.55	1187	32.66	1237	35.72	1287	38.91	1332	41.72	1375	44.49	1428	47.92

CFM	CV	10,000 SP		11,000 SP		12,000 SP		13,000 SP		14,000 SP		15,000 SP		16,000 SP		17,000 SP		18,000 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4932	2000	1180	13.89	1235	14.62	1288	16.18	1339	17.77	1387	19.40	1434	21.05	1480	22.73	1524	24.44	1566	26.17
5425	2200	1186	14.85	1240	15.61	1293	17.26	1344	18.93	1392	20.64	1439	22.37	1485	24.13	1529	25.92	1571	27.74
5918	2400	1193	15.12	1247	16.75	1299	18.40	1349	20.11	1397	21.90	1444	23.71	1490	25.56	1534	27.43	1576	29.33
6412	2600	1202	16.35	1254	17.94	1306	19.69	1355	21.46	1403	23.25	1449	25.07	1495	27.00	1539	28.96	1581	30.94
6905	2800	1211	17.70	1264	19.48	1314	21.11	1362	22.86	1410	24.75	1456	26.65	1501	28.58	1544	30.52	1586	32.56
7398	3000	1220	18.98	1273	20.86	1324	22.72	1372	24.54	1418	26.37	1463	28.27	1508	30.29	1551	32.33	1593	34.39
7891	3200	1230	20.28	1282	22.16	1333	24.24	1382	26.31	1428	28.25	1472	30.19	1516	32.14	1558	34.17	1600	36.32
8385	3400	1241	21.57	1293	23.63	1342	25.70	1391	27.86	1437	30.08	1482	32.22	1525	34.28	1567	36.35	1608	38.43
8878	3600	1253	23.89	1304	25.17	1353	27.32	1400	29.51	1446	31.73	1491	34.87	1535	36.43	1577	38.65	1618	40.83
9371	3800	1265	24.67	1316	26.85	1364	29.84	1411	31.28	1457	33.59	1501	35.98	1544	38.31	1586	40.79	1627	43.28
9864	4000	1277	26.29	1328	28.59	1376	30.88	1422	33.19	1467	35.51	1511	37.93	1554	40.36	1595	42.80	1636	45.39
10358	4200	1292	28.87	1340	30.38	1388	32.78	1435	35.20	1479	37.61	1522	40.83	1564	42.54	1606	45.09	1646	47.64
10851	4400	1306	29.91	1354	32.33	1401	34.75	1447	37.26	1491	39.79	1534	42.32	1576	44.85	1616	47.42	1656	50.88
11344	4600	1321	31.86	1368	34.36	1415	36.89	1459	39.42	1503	42.83	1546	44.67	1588	47.31	1628	49.96	1667	52.61
11837	4800	1338	33.96	1384	36.46	1429	39.89	1474	41.74	1516	44.37	1559	47.08	1600	49.84	1648	52.59	1679	55.35
12331	5000	1355	36.14	1401	38.80	1444	41.48	1488	44.13	1531	46.88	1572	49.63	1612	52.42	1652	55.29	1692	58.16
12824	5200	1370	38.29	1418	41.19	1461	43.92	1503	46.63	1545	49.47	1586	52.33	1626	55.19	1665	58.06	1704	61.84
13317	5400	1385	40.51	1433	43.53	1478	46.53	1520	49.35	1560	52.16	1600	55.11	1640	58.08	1679	61.05	1716	64.82
13810	5600	1403	42.98	1448	45.95	1493	49.08	1537	52.18	1577	55.18	1615	58.01	1654	61.05	1693	64.13	1738	67.22
14304	5800	1421	45.39	1465	48.51	1509	51.70	1552	54.94	1594	58.13	1632	61.16	1670	64.18	1707	67.31	1745	70.58
14797	6000	1440	47.97	1483	51.21	1525	54.44	1567	57.77	1609	61.11	1650	64.41	1687	67.55	1723	70.67	1759	73.88
15290	6200	1461	50.94	1502	54.81	1543	57.35	1583	60.69	1624	64.15	1665	67.61	1704	71.82	1740	74.26	1775	77.48
15783	6400	1483	54.16	1521	56.99	1561	60.37	1601	63.82	1640	67.28	1680	70.86	1719	74.42	1757	77.95		
16277	6600	1503	57.88	1543	60.49	1580	63.98	1619	67.06	1658	70.61	1695	74.28	1735	77.88	1773	81.56		
16770	6800	1524	60.11	1564	63.87	1601	67.12	1638	70.41	1676	74.08	1713	77.74	1750	81.44				

CFM	CV	19,000 SP		20,000 SP		21,000 SP		22,000 SP		23,000 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5918	2400	1618	31.25	1658	33.20	1696	35.18	1736	37.17	1774	39.19
6412	2600	1623	32.94	1663	34.90	1703	37.83	1741	39.11	1779	41.21
6905	2800	1628	34.65	1668	36.77	1708	38.91	1746	41.07		
7398	3000	1634	36.47	1673	38.58	1713	40.00	1751	43.05		
7891	3200	1641	38.49	1680	40.68	1719	42.09	1757	45.11		
8385	3400	1648	40.55	1687	42.83	1726	45.13	1764	47.45		
8878	3600	1657	43.82	1696	45.22	1733	47.42	1771	49.82		
9371	3800	1667	45.59	1705	47.90	1743	50.21				
9864	4000	1676	48.00	1715	50.63	1753	53.05				
10358	4200	1685	50.24	1724	52.97	1762	55.71				
10851	4400	1695	52.76	1733	55.44	1771	58.19				
11344	4600	1706	55.35	1744	58.14						
11837	4800	1717	58.12	1755	60.90						
12331	5000	1730	61.04	1767	63.92						
12824	5200	1742	64.03	1779	67.01						
13317	5400	1754	67.09								
13810	5600	1767	70.29								
14304	5800										
14797	6000										
15290	6200										

23" MH INDUSTRIAL EXHAUSTER

Wheel Dia. 40

Inlet Dia. 23 1/2"

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1432

■ H.D. Wheel & H.D. Shaft 1622

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4146	1400	377	1.15	501	2.12	600	3.17	685	4.29	761	5.52	831	6.82	895	8.18	954	9.59	1018	11.05
4739	1600	392	1.40	511	2.46	608	3.64	692	4.83	767	6.11	835	7.47	899	8.93	959	10.44	1025	11.99
5331	1800	407	1.67	522	2.85	617	4.10	700	5.47	774	6.79	841	8.21	904	9.78	964	11.30	1029	12.95
5923	2000	426	2.01	535	3.29	628	4.64	709	6.06	783	7.60	849	9.06	911	10.60	969	12.24	1034	13.93
6516	2200	444	2.38	558	3.79	639	5.22	719	6.73	791	8.32	858	10.03	918	11.64	975	13.27	1038	15.06
7108	2400	465	2.85	564	4.31	652	5.87	738	7.48	801	9.14	866	10.89	927	12.75	984	14.53	1057	16.29
7700	2600	486	3.36	581	4.89	667	6.59	742	8.28	812	10.06	876	11.87	936	13.77	993	15.77	1066	17.74
8293	2800	508	3.92	599	5.58	682	7.37	755	9.17	823	11.02	886	12.95	945	14.91	1001	16.95	1075	19.09
8885	3000	530	4.56	618	6.31	696	8.17	778	10.14	835	12.08	897	14.18	956	16.17	1011	18.26	1083	20.45
9478	3200	553	5.27	637	7.11	712	9.06	784	11.17	849	13.21	910	15.32	967	17.49	1022	19.70	1093	21.93
10070	3400	577	6.05	659	8.08	731	10.08	798	12.23	864	14.47	923	16.64	979	18.89	1033	21.21	1094	23.55
10662	3600	600	6.92	680	9.10	750	11.18	815	13.38	879	15.76	937	18.06	992	20.40	1044	22.78	1095	25.25
11255	3800	625	7.98	701	10.16	765	12.29	832	14.61	892	17.08	952	19.61	1005	21.99	1057	24.50	1106	27.01
11847	4000	650	8.98	722	11.32	789	13.63	851	16.09	909	18.51	966	21.15	1021	23.76	1070	26.29	1119	28.93
12439	4200	676	10.15	745	12.60	811	15.12	878	17.53	926	20.03	980	22.75	1035	25.57	1085	28.24	1132	30.93
13032	4400	701	11.43	768	13.98	832	16.64	889	19.01	944	21.78	997	24.50	1049	27.39	1101	30.32	1147	33.08
13624	4600	727	12.80	791	15.47	853	18.23	909	20.00	964	23.64	1014	26.33	1064	29.30	1115	32.37	1162	35.39
14217	4800	752	14.28	814	17.06	874	19.92	931	22.77	982	25.45	1032	28.48	1081	31.37	1128	34.49	1177	37.71
14809	5000	778	15.80	838	18.76	896	21.74	952	24.01	1001	27.41	1052	30.67	1098	33.52	1144	36.76	1191	40.06
15401	5200	803	17.60	862	20.61	918	23.71	973	26.06	1023	29.76	1071	32.81	1117	36.00	1161	39.15	1205	42.52
15994	5400	829	19.45	887	22.62	941	25.81	994	29.84	1044	32.25	1089	35.05	1136	38.64	1178	41.65	1222	45.15
16586	5600	855	21.43	913	24.76	965	28.02	1015	31.33	1065	34.79	1110	37.74	1155	41.13	1198	44.62	1239	47.89
17179	5800	881	23.55	938	27.04	986	30.37	1037	33.81	1086	37.36	1131	40.65	1174	43.74	1217	47.59	1256	50.84
17771	6000	908	25.00	964	29.47	1012	32.86	1060	36.45	1107	40.06	1153	43.71	1194	46.76	1236	50.45	1277	54.30
18363	6200	934	28.21	989	32.04	1035	35.49	1083	39.23	1128	42.90	1174	46.73	1215	50.10	1255	53.43	1296	57.55

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5923	2000	1077	15.72	1127	17.56	1175	19.43	1222	21.35	1266	23.29	1309	25.28	1350	27.30	1390	29.35	1429	31.43
6516	2200	1082	16.87	1132	18.75	1180	20.73	1226	22.74	1271	24.79	1313	26.87	1355	28.99	1395	31.14	1434	33.32
7108	2400	1089	18.16	1138	20.12	1185	22.10	1231	24.15	1275	26.30	1318	28.48	1359	30.78	1399	32.94	1438	35.22
7700	2600	1096	19.63	1144	21.55	1192	23.64	1237	25.77	1280	27.92	1322	30.11	1364	32.43	1404	34.78	1443	37.15
8293	2800	1105	21.26	1153	23.38	1199	25.35	1243	27.46	1287	29.72	1329	32.01	1369	34.32	1409	36.66	1448	39.11
8885	3000	1114	22.70	1162	25.06	1208	27.29	1252	29.47	1294	31.67	1335	33.95	1376	36.38	1415	38.83	1453	41.30
9478	3200	1123	24.26	1170	26.61	1216	29.11	1261	31.60	1303	33.92	1344	36.26	1383	38.68	1422	41.04	1460	43.62
10070	3400	1132	25.91	1180	28.38	1225	30.86	1269	33.46	1312	36.13	1353	38.70	1392	41.37	1430	43.66	1467	46.15
10662	3600	1143	27.73	1190	30.23	1234	32.83	1278	35.44	1320	38.11	1361	40.92	1401	43.75	1439	46.42	1476	49.04
11255	3800	1155	29.62	1201	32.25	1245	34.87	1287	37.57	1329	40.34	1369	43.12	1409	46.01	1447	48.90	1485	51.98
11847	4000	1166	31.57	1212	34.33	1256	37.09	1298	39.86	1339	42.65	1379	45.55	1418	48.47	1456	51.41	1493	54.51
12439	4200	1179	33.71	1223	36.48	1267	39.37	1309	42.27	1350	45.17	1389	48.08	1428	51.09	1465	54.15	1502	57.22
13032	4400	1192	35.92	1236	38.83	1278	41.73	1320	44.75	1361	47.79	1400	50.83	1438	53.87	1475	56.95	1511	60.15
13624	4600	1206	38.27	1249	41.26	1291	44.30	1332	47.34	1372	50.48	1411	53.65	1449	56.82	1486	60.00	1521	63.19
14217	4800	1221	40.81	1263	43.81	1304	46.95	1345	50.12	1384	53.29	1422	56.54	1460	59.85	1497	63.16	1532	66.48
14809	5000	1236	43.40	1278	46.68	1318	49.72	1358	53.00	1397	56.30	1434	59.61	1471	62.96	1508	66.40	1544	69.85
15401	5200	1250	45.98	1294	49.46	1333	52.75	1371	56.00	1410	59.41	1447	62.84	1484	66.28	1519	69.73	1555	73.31
15994	5400	1264	48.66	1307	52.28	1349	55.89	1387	59.27	1423	62.65	1460	66.18	1497	69.75	1532	73.32	1566	76.88
16586	5600	1280	51.52	1321	55.19	1363	58.94	1402	62.66	1439	66.17	1474	69.67	1510	73.32	1545	77.02	1579	80.72
17179	5800	1297	54.51	1337	58.26	1377	62.89	1416	65.98	1454	69.82	1490	73.45	1524	77.08	1558	80.03	1592	84.67
17771	6000	1314	57.62	1353	61.50	1391	65.38	1430	69.38	1469	73.40	1505	77.36	1539	81.12	1572	84.07	1605	88.72
18363	6200	1333	61.18	1370	64.87	1408	68.88	1444	72.89	1482	77.04	1519	81.20	1555	85.29	1588	89.18	1620	93.06
18956	6400	1353	65.04	1388	68.45	1425	72.51	1461	76.65	1496	80.80	1533	85.10	1569	89.38	1603	93.62		
19548	6600	1372	68.55	1408	72.65	1442	76.26	1478	80.54	1513	84.90	1547	89.11	1583	93.54	1617	97.96		
20140	6800	1390	72.19	1427	76.71	1461	80.61	1495	84.56	1529	88.96	1563	93.36	1597	97.81				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7108	2400	1476	37.53	1513	39.00	1549	42.25	1584	44.64	1619	47.07
7700	2600	1481	39.36	1518	42.00	1554	44.47	1589	46.97		
8293	2800	1486	41.62	1522	44.16	1558	46.73	1594	49.32		
8885	3000	1491	43.80	1527	46.34	1563	49.00	1598	51.70		
9478	3200	1497	46.23	1533	48.06	1569	51.51	1603	54.17		
10070	3400	1504	48.78	1540	51.44	1575	54.20	1618	56.90	1616	59.83
10662	3600	1512	51.67	1547	54.31	1582	56.95				
11255	3800	1521	54.75	1556	57.52	1590	60.30				
11847	4000	1530	57.65	1565	60.00	1599	63.71				
12439	4200	1538	60.34	1573	63.61	1608	66.90				
13032	4400	1547	63.36	1582	66.58	1616	69.88				
13624	4600	1557	66.48	1591	69.02						
14217	4800	1567	69.00	1601	73.14						
14809	5000	1578	73.30	1612	76.76						
15401	5200	1589	76.69								
15994	5400	1600	80.57								
16506	5600	1612	84.42								
17179	5800										
17771	6000										
18363	6200										

26" MH INDUSTRIAL EXHAUSTER

Wheel Dia. 45 1/2"

Inlet Dia. 26 1/2"

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1269

■ H.D. Wheel & H.D. Shaft 1438

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5277	1400	335	1.46	444	2.70	531	4.03	607	5.46	675	7.02	736	8.69	793	10.41	846	12.21	896	14.06
6031	1600	348	1.78	453	3.13	539	4.63	613	6.14	680	7.77	741	9.51	797	11.36	850	13.28	900	15.26
6785	1800	361	2.13	463	3.62	547	5.22	621	6.96	686	8.64	746	10.45	801	12.35	854	14.38	904	16.48
7539	2000	377	2.56	474	4.18	557	5.98	628	7.71	694	9.67	752	11.53	807	13.49	859	15.57	908	17.72
8292	2200	394	3.02	488	4.82	566	6.64	637	8.57	701	10.59	760	12.76	814	14.81	865	16.89	913	19.16
9046	2400	413	3.62	500	5.49	578	7.47	647	9.52	718	11.64	768	13.86	822	16.23	872	18.49	919	20.73
9800	2600	431	4.27	515	6.23	591	8.39	658	10.54	719	12.80	776	15.11	829	17.52	880	20.08	927	22.57
10554	2800	450	4.98	531	7.18	604	9.38	669	11.66	729	14.03	786	16.49	838	18.98	887	21.58	935	24.38
11308	3000	470	5.80	548	8.03	617	10.48	682	12.90	741	15.38	796	17.94	847	20.57	896	23.24	943	26.82
12062	3200	490	6.70	565	9.05	631	11.53	695	14.22	752	16.81	806	19.50	857	22.26	906	25.07	951	27.91
12816	3400	511	7.71	584	10.28	648	12.82	708	15.56	766	18.41	818	21.18	868	24.04	915	26.99	961	29.98
13570	3600	532	8.81	603	11.58	665	14.23	722	17.03	779	20.05	830	22.99	879	25.97	925	28.99	971	32.13
14324	3800	554	10.06	621	12.93	681	15.64	737	18.59	791	21.73	844	24.96	891	27.99	937	31.18	981	34.37
15078	4000	577	11.43	640	14.41	700	17.35	754	20.47	805	23.56	857	26.92	905	30.24	949	33.46	992	36.82
15831	4200	599	12.92	660	16.04	719	19.24	771	22.31	828	25.50	869	28.96	918	32.54	962	35.95	1004	39.37
16585	4400	622	14.55	680	17.80	737	21.18	788	24.28	837	27.72	884	31.17	930	34.85	976	38.59	1016	42.10
17339	4600	644	16.29	701	19.68	756	23.20	806	26.48	854	30.09	899	33.51	943	37.29	988	41.20	1030	45.04
18093	4800	667	18.18	722	21.71	775	25.35	825	28.98	871	32.39	915	36.15	958	39.92	1000	43.90	1043	47.99
18847	5000	689	20.21	743	23.88	794	27.67	844	31.57	888	34.88	933	39.83	973	42.66	1014	46.78	1055	50.98
19601	5200	712	22.48	764	26.23	814	30.18	862	34.19	907	37.87	949	41.76	990	45.82	1029	49.83	1068	54.11
20355	5400	735	24.75	787	28.78	834	32.85	881	36.95	926	41.04	966	44.61	1007	49.18	1044	53.01	1083	57.46
21109	5600	758	27.27	809	31.51	855	35.67	900	39.88	944	44.28	984	48.83	1024	52.35	1062	56.78	1098	60.95
21863	5800	781	29.97	831	34.42	876	38.65	920	43.83	963	47.55	1003	51.73	1040	55.66	1079	60.57	1114	64.70
22617	6000	805	32.84	854	37.51	897	41.82	940	46.39	981	50.98	1022	55.62	1058	59.50	1096	64.28	1132	69.18
23370	6200	828	35.90	877	40.77	918	45.17	960	49.92	1000	54.59	1041	59.47	1077	63.76	1112	68.00	1149	73.24

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7539	2000	955	20.01	999	22.34	1042	24.73	1083	27.17	1122	29.65	1160	32.17	1197	34.74	1232	37.35	1267	40.00
8292	2200	959	21.47	1003	23.86	1046	26.38	1087	28.94	1126	31.54	1164	34.19	1201	36.89	1236	39.62	1271	42.40
9046	2400	965	23.11	1009	25.60	1051	28.13	1091	30.73	1130	33.47	1168	36.25	1205	39.07	1241	41.93	1275	44.83
9800	2600	972	24.99	1014	27.42	1056	30.09	1096	32.88	1135	35.54	1172	38.32	1209	41.27	1245	44.26	1279	47.29
10554	2800	980	27.06	1022	29.65	1063	32.26	1102	34.94	1141	37.82	1178	40.74	1214	43.68	1249	46.66	1283	49.77
11308	3000	997	28.09	1030	31.89	1071	34.73	1110	37.51	1147	40.31	1184	43.21	1220	46.30	1255	49.42	1288	52.56
12062	3200	995	30.87	1037	33.87	1078	37.05	1118	40.21	1155	43.17	1191	46.15	1226	49.13	1260	52.22	1294	55.51
12816	3400	1004	32.97	1046	36.11	1086	39.28	1125	42.59	1163	45.98	1199	49.25	1234	52.68	1268	55.56	1301	58.73
13570	3600	1014	35.38	1054	38.47	1094	41.76	1133	45.18	1170	48.58	1206	52.88	1242	55.69	1276	59.08	1308	62.41
14324	3800	1023	37.78	1064	41.04	1103	44.38	1141	47.81	1178	51.33	1214	54.87	1249	58.56	1283	62.34	1316	66.15
15078	4000	1033	40.18	1074	43.69	1113	47.20	1151	50.72	1187	54.28	1222	57.97	1257	61.69	1290	65.42	1323	69.37
15831	4200	1045	42.96	1084	46.43	1123	50.11	1160	53.79	1196	57.49	1231	61.19	1265	65.82	1299	69.91	1331	72.82
16585	4400	1056	45.72	1096	49.42	1133	53.11	1170	56.96	1206	60.82	1241	64.68	1275	68.56	1307	72.48	1340	76.55
17339	4600	1069	48.78	1107	52.51	1144	56.38	1180	60.24	1216	64.24	1251	68.27	1284	72.32	1317	76.36	1349	80.42
18093	4800	1083	51.94	1119	55.76	1156	59.75	1192	63.79	1226	67.82	1261	71.96	1294	76.17	1327	80.39	1358	84.61
18847	5000	1096	55.24	1133	59.30	1168	63.28	1203	67.45	1238	71.66	1271	75.86	1304	80.13	1337	84.51	1368	88.98
19601	5200	1108	58.52	1147	62.95	1182	67.13	1215	71.27	1250	75.61	1283	79.98	1315	84.35	1347	88.74	1378	93.30
20355	5400	1120	61.92	1159	66.53	1196	71.13	1229	75.43	1262	79.73	1294	84.22	1327	88.77	1358	93.31	1388	97.85
21109	5600	1135	65.56	1171	70.24	1208	75.01	1243	79.75	1275	84.22	1307	88.67	1338	93.31	1369	98.03	1400	102.74
21863	5800	1150	69.37	1185	74.14	1220	79.03	1256	83.97	1289	88.86	1320	93.48	1351	98.09	1381	102.87	1411	107.76
22617	6000	1165	73.33	1200	78.27	1233	83.21	1268	88.30	1302	93.41	1334	98.45	1364	103.24	1394	108.01	1423	112.91
23370	6200	1182	77.86	1215	82.56	1248	87.66	1280	92.76	1314	98.05	1347	103.34	1378	108.55	1407	113.49	1436	118.43
24124	6400	1200	82.78	1230	87.11	1263	92.20	1295	97.55	1326	102.83	1359	108.30	1391	113.75	1421	119.15		
24878	6600	1216	87.24	1248	92.46	1278	97.05	1318	102.50	1341	107.93	1371	113.41	1403	119.04	1434	124.67		
25632	6800	1232	91.88	1265	97.63	1295	102.59	1325	107.62	1356	113.22	1386	118.82	1415	124.48				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9046	2400	1309	47.77	1341	50.75	1373	53.77	1405	56.82	1435	59.91
9800	2600	1313	50.35	1345	53.46	1377	56.68	1409	59.70		
10554	2800	1317	52.97	1350	56.28	1381	59.47	1413	62.77		
11308	3000	1321	55.74	1354	58.97	1386	62.37	1417	65.80		
12062	3200	1327	58.83	1359	62.18	1390	65.55	1421	68.95		
12816	3400	1333	61.98	1365	65.46	1396	68.98	1427	72.52	1432	76.15
13570	3600	1340	65.76	1372	69.11	1402	72.48				
14324	3800	1348	69.68	1379	73.21	1410	76.74				
15078	4000	1356	73.36	1387	77.38	1418	80.88				
15831	4200	1363	76.79	1394	80.96	1425	85.15				
16585	4400	1371	80.63	1402	84.73	1432	89.94				
17339	4600	1380	84.61	1411	88.86						
18093	4800	1389	88.83	1419	93.88						
18847	5000	1399	93.29	1429	97.69						
19601	5200	1409	97.86								
20355	5400	1419	102.54								
21109	5600	1429	107.44								
21863	5800										
22617	6000										
23370	6200										

29MH INDUSTRIAL EXHAUSTER

Wheel Dia. 50 1/2

Inlet Dia. 29 1/4

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1134

■ H.D. Wheel & H.D. Shaft 1323

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6689	1400	299	1.83	397	3.38	475	5.85	542	6.84	603	8.00	658	10.08	709	13.04	756	15.29	800	17.61
7553	1600	311	2.23	405	3.92	482	5.88	548	7.69	607	9.73	662	11.91	712	14.23	760	16.64	804	19.11
8497	1800	323	2.67	413	4.54	489	6.54	555	8.72	613	10.82	666	13.89	716	15.46	763	18.01	808	20.64
9441	2000	337	3.21	424	5.24	497	7.39	562	9.66	620	12.11	672	14.44	721	16.89	768	19.51	811	22.28
10386	2200	352	3.79	436	6.04	506	8.32	569	10.73	626	13.26	679	15.99	728	18.55	773	21.16	816	24.00
11338	2400	369	4.54	447	6.87	517	9.35	578	11.92	634	14.57	686	17.36	734	20.33	779	23.16	822	25.96
12274	2600	385	5.35	460	7.80	528	10.51	588	13.21	643	16.03	694	18.92	741	21.95	786	25.14	829	28.27
13218	2800	402	6.24	474	8.89	540	11.74	598	14.61	652	17.57	702	20.65	749	23.77	793	27.02	835	30.43
14162	3000	420	7.26	489	10.05	551	13.03	610	16.16	662	19.26	711	22.47	757	25.77	801	29.11	842	32.59
15107	3200	438	8.40	505	11.33	564	14.45	621	17.81	672	21.05	720	24.42	766	27.88	809	31.40	850	34.95
16051	3400	457	9.65	522	12.88	579	16.06	632	19.49	684	23.06	731	26.52	775	30.10	818	33.80	859	37.54
16995	3600	475	11.03	539	14.50	594	17.83	645	21.32	696	25.12	742	28.79	786	32.52	827	36.31	867	40.25
17939	3800	495	12.59	555	16.20	609	19.59	659	23.29	707	27.22	754	31.26	796	35.05	837	39.85	876	43.05
18883	4000	515	14.31	572	18.04	625	21.72	674	25.64	720	29.58	765	33.71	808	37.87	848	41.90	886	46.12
19828	4200	535	16.19	590	20.00	642	24.10	689	27.94	733	31.93	776	36.27	820	40.75	859	45.02	897	49.30
20772	4400	556	18.22	608	22.29	659	26.53	704	30.30	748	34.72	790	39.04	831	43.65	872	48.33	908	52.73
21716	4600	576	20.40	626	24.65	675	29.05	720	33.16	763	37.69	803	41.96	843	46.71	883	51.60	921	56.41
22660	4800	596	22.77	645	27.19	692	31.74	737	36.29	778	40.56	818	45.27	856	49.99	894	54.90	932	60.18
23604	5000	616	25.31	664	29.91	710	34.66	754	39.54	793	43.68	833	48.89	869	53.43	906	58.59	943	63.85
24549	5200	636	28.06	683	32.85	728	37.80	771	42.82	810	47.43	848	52.38	884	57.38	920	62.41	955	67.77
25493	5400	657	31.00	703	36.05	746	41.14	787	46.28	827	51.40	863	55.87	900	61.59	933	66.39	968	71.97
26437	5600	677	34.15	723	39.46	764	44.67	804	49.94	844	55.45	879	60.15	915	65.56	949	71.11	981	76.34
27381	5800	698	37.53	743	43.10	783	48.41	822	53.90	860	59.55	896	64.79	930	69.73	964	75.65	995	81.84
28325	6000	719	41.13	763	46.97	801	52.38	840	58.10	877	63.85	913	69.66	946	74.52	979	80.41	1011	86.54
29270	6200	740	44.96	783	51.07	820	56.57	858	62.53	894	68.37	930	74.48	963	79.06	994	85.16	1026	91.73

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9441	2000	853	25.06	893	27.98	931	30.97	968	34.02	1003	37.13	1037	40.29	1069	43.51	1101	46.78	1132	50.10
10386	2200	857	26.89	897	29.89	935	33.03	971	36.24	1006	39.51	1040	42.83	1073	46.20	1105	49.63	1136	53.10
11338	2400	862	28.94	901	32.06	939	35.23	975	38.49	1010	41.92	1044	45.39	1077	48.93	1108	52.51	1139	56.14
12274	2600	869	31.38	906	34.34	944	37.69	980	41.00	1014	44.50	1048	48.00	1080	51.69	1112	55.43	1143	59.22
13218	2800	876	33.89	913	37.14	950	40.40	985	43.76	1019	47.37	1053	51.02	1085	54.71	1116	58.43	1147	62.34
14162	3000	882	36.19	920	39.94	957	43.49	992	46.90	1025	50.40	1058	54.12	1090	57.99	1121	61.89	1151	65.03
15107	3200	889	38.66	927	42.42	963	46.40	999	50.36	1032	54.07	1064	57.79	1095	61.53	1126	65.41	1156	69.53
16051	3400	897	41.29	934	45.23	970	49.19	1005	53.34	1039	57.59	1071	61.60	1103	65.63	1133	69.59	1162	73.56
16995	3600	906	44.21	942	48.18	978	52.38	1012	56.49	1045	60.75	1078	65.22	1109	69.74	1140	73.99	1169	78.16
17939	3800	914	47.22	951	51.40	986	55.59	1020	59.88	1053	64.29	1085	68.73	1116	73.34	1146	78.07	1176	82.85
18883	4000	923	50.33	960	54.72	995	59.12	1028	63.53	1060	67.90	1092	72.61	1123	77.26	1153	81.94	1183	86.89
19828	4200	934	53.73	969	58.15	1003	62.76	1037	67.37	1069	72.00	1100	76.63	1131	81.43	1161	86.31	1190	91.20
20772	4400	944	57.26	979	61.89	1012	66.52	1046	71.33	1078	76.17	1109	81.01	1139	85.86	1169	90.78	1197	95.87
21716	4600	955	61.00	989	65.76	1023	70.61	1055	75.45	1087	80.45	1118	85.51	1148	90.57	1177	95.64	1205	100.71
22660	4800	967	65.05	1000	69.83	1033	74.83	1065	79.89	1096	84.94	1126	90.13	1156	95.40	1186	100.68	1214	105.96
23604	5000	979	69.18	1012	74.27	1044	79.25	1075	84.47	1106	89.74	1136	95.01	1165	100.35	1194	105.84	1223	111.34
24549	5200	990	73.29	1025	78.84	1056	84.00	1086	89.26	1117	94.69	1146	100.17	1175	105.64	1203	111.14	1231	116.85
25493	5400	1001	77.55	1036	83.33	1068	89.00	1098	94.47	1127	99.85	1157	105.48	1185	111.18	1213	116.86	1240	122.54
26437	5600	1014	82.11	1046	87.96	1079	93.95	1111	99.88	1140	105.47	1169	111.85	1196	116.87	1224	122.77	1251	128.67
27381	5800	1027	86.88	1059	92.86	1090	98.97	1122	105.17	1152	111.28	1180	117.08	1207	122.86	1234	128.84	1261	134.96
28325	6000	1041	91.84	1072	98.03	1102	104.21	1133	110.58	1163	116.99	1192	123.31	1219	129.30	1245	135.28	1271	141.42
29270	6200	1056	97.51	1085	103.39	1115	109.79	1144	116.17	1174	122.80	1203	129.42	1232	135.95	1258	142.14	1283	148.32
30214	6400	1072	103.67	1099	109.10	1129	115.57	1157	122.17	1185	128.79	1214	135.64	1243	142.47	1270	149.22	1295	155.62
31158	6600	1087	109.28	1115	115.08	1142	121.55	1171	128.37	1198	135.17	1225	142.03	1254	149.09	1280	156.13	1300	163.13
32102	6800	1101	115.07	1131	122.27	1157	128.49	1184	134.78	1211	141.80	1238	149.81	1265	155.90	1292	163.17	1319	170.43

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11330	2400	1169	59.83	1199	63.56	1227	67.34	1255	71.16	1282	75.03
12274	2600	1173	63.06	1202	66.95	1231	70.89	1259	74.87	1286	78.89
13218	2800	1177	66.34	1206	70.38	1234	74.48	1262	78.62	1290	82.80
14162	3000	1181	69.81	1210	73.85	1238	78.11	1266	82.41	1293	86.75
15107	3200	1186	73.60	1215	77.87	1242	82.09	1270	86.35	1297	90.74
16051	3400	1191	77.62	1220	81.99	1248	86.39	1275	90.83	1302	95.29
16995	3600	1198	82.36	1226	86.56	1253	90.77	1280	95.37	1307	100.01
17939	3800	1205	87.27	1233	91.68	1260	96.11	1286	100.54	1312	104.98
18883	4000	1211	91.88	1240	96.91	1267	101.55	1293	106.19	1319	110.04
19828	4200	1218	96.18	1246	101.39	1273	106.64	1300	111.92		
20772	4400	1225	100.99	1253	106.12	1280	111.30	1307	116.85		
21716	4600	1233	105.96	1261	111.29	1287	116.64	1313	122.01		
22668	4800	1241	111.25	1268	116.50	1295	122.12	1321	127.69		
23604	5000	1250	116.84	1277	122.35	1303	127.87				
24549	5200	1259	122.56	1286	128.28	1312	134.00				
25493	5400	1268	128.42	1294	134.35	1321	140.28				
26437	5600	1277	134.56	1303	140.56						
27381	5800	1287	140.77	1313	147.17						
28325	6000	1298	147.74	1323	154.06						
29270	6200	1308	154.58								

33MH INDUSTRIAL EXHAUSTER

Wheel Dia. 57 1/2

Inlet Dia. 33 1/2

American Fan Company

Maximum RPM at 70 °F.

□ Std. Wheel & Std. Shaft 996

■ H.D. Wheel & H.D. Shaft 1162

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	OV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8568	1400	263	2.37	348	4.38	417	6.55	476	8.87	530	11.41	578	14.10	622	16.91	664	19.82	703	22.83
9792	1600	273	2.89	355	5.09	423	7.52	481	9.97	533	12.62	581	15.44	626	18.45	667	21.57	706	24.78
11016	1800	283	3.46	363	5.88	429	8.48	487	11.30	538	14.03	585	16.97	629	20.85	670	23.35	709	26.76
12240	2000	296	4.16	372	6.79	437	9.58	493	12.52	544	15.71	590	18.72	633	21.90	674	25.29	712	28.78
13465	2200	309	4.91	383	7.83	445	10.78	500	13.91	550	17.20	597	20.72	639	24.85	679	27.43	717	31.11
14689	2400	324	5.88	392	8.91	454	12.13	508	15.46	557	18.89	602	22.51	645	26.35	685	30.03	722	33.65
15913	2600	338	6.94	404	10.11	464	13.63	516	17.12	565	20.79	609	24.53	651	28.45	691	32.68	728	36.65
17137	2800	353	8.09	417	11.52	474	15.22	525	18.94	572	22.78	617	26.77	658	30.81	696	35.03	734	39.45
18361	3000	369	9.41	430	13.03	484	16.89	535	20.95	581	24.97	624	29.13	665	33.40	703	37.74	740	42.26
19585	3200	385	10.89	443	14.69	496	18.73	546	23.09	590	27.29	633	31.66	673	36.14	711	40.70	746	45.31
20809	3400	401	12.51	458	16.70	508	20.82	555	25.26	601	29.90	642	34.38	681	39.83	718	43.82	754	46.67
22033	3600	418	14.31	473	18.80	522	23.11	567	27.64	611	32.56	652	37.32	690	42.16	726	47.07	762	52.10
23257	3800	435	16.33	488	21.00	535	25.39	578	30.19	621	35.29	663	40.53	699	45.44	735	50.62	778	55.81
24481	4000	452	18.55	502	23.39	549	28.16	592	33.24	632	38.25	672	43.71	710	49.89	744	54.32	779	59.79
25706	4200	470	20.90	518	26.84	564	31.24	605	36.22	644	41.40	682	47.02	720	52.83	755	58.37	788	63.92
26930	4400	488	23.62	534	28.90	579	34.39	618	39.29	657	45.01	693	50.62	730	56.59	766	62.66	798	68.36
28154	4600	505	26.45	550	31.96	593	37.66	633	42.99	670	48.86	705	54.41	740	60.55	775	66.89	808	73.13
29378	4800	523	29.51	567	35.25	608	41.15	648	47.85	683	52.58	718	58.70	752	64.81	785	71.27	819	77.92
30602	5000	541	32.82	583	38.77	623	44.93	662	51.26	697	56.63	732	63.38	764	69.27	796	75.96	828	82.77
31826	5200	559	36.37	600	42.59	639	49.00	677	55.51	711	61.50	745	67.00	777	74.39	808	80.91	838	87.85
33050	5400	577	40.19	617	46.74	655	53.33	691	60.00	726	66.64	758	72.44	791	79.05	820	86.07	850	93.38
34274	5600	595	44.20	635	51.16	671	57.91	706	64.75	741	71.09	772	77.90	803	85.00	833	92.19	862	98.97
35498	5800	613	48.65	653	55.88	687	62.76	722	69.07	756	77.20	787	83.99	816	90.38	847	98.34	874	105.86
36722	6000	631	53.32	670	60.90	704	67.90	737	75.32	770	82.78	802	90.31	830	96.62	860	104.25	888	112.20
37946	6200	650	58.29	688	66.21	720	73.34	753	81.06	785	88.64	817	96.55	845	103.53	873	110.41	901	118.92

CFM	OV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12240	2000	749	32.49	784	36.28	818	40.16	850	44.11	881	48.14	910	52.24	939	56.41	967	60.65	994	64.95
13465	2200	753	34.87	787	38.75	821	42.83	853	46.98	884	51.22	914	55.52	942	59.90	970	64.34	997	68.85
14689	2400	757	37.52	792	41.57	824	45.67	856	49.90	887	54.34	917	58.85	946	63.43	974	68.08	1001	72.79
15913	2600	763	40.57	796	44.52	829	48.06	860	53.25	891	57.78	920	62.22	949	67.01	977	71.86	1004	76.78
17137	2800	769	43.94	802	48.15	834	52.38	865	56.73	895	61.41	924	66.14	953	70.92	980	75.75	1007	80.82
18361	3000	775	46.92	808	51.78	840	56.39	871	60.91	900	65.45	929	70.16	957	75.18	985	80.24	1011	85.35
19585	3200	781	50.12	814	55.00	846	60.16	877	65.29	906	70.10	935	74.93	962	79.77	989	84.88	1016	90.14
20809	3400	788	53.54	821	58.64	852	63.78	883	69.15	912	74.66	941	79.97	968	85.08	995	90.21	1021	95.36
22033	3600	795	57.31	828	62.46	859	67.81	889	73.24	918	78.76	947	84.56	974	90.42	1001	95.92	1027	101.34
23257	3800	803	61.21	835	66.63	866	72.06	896	77.64	925	83.35	953	89.10	980	95.00	1007	101.22	1033	107.41
24481	4000	811	65.25	843	70.94	874	76.64	903	82.36	931	88.13	959	94.13	986	100.16	1013	106.22	1039	112.64
25706	4200	820	69.66	851	75.39	881	81.36	911	87.35	939	93.34	966	99.35	993	105.57	1019	111.89	1045	118.24
26930	4400	829	74.23	860	80.24	889	86.24	918	92.48	947	98.75	974	105.03	1000	111.32	1026	117.69	1051	124.29
28154	4600	839	79.08	869	85.26	898	91.54	926	97.82	954	104.30	982	110.86	1008	117.42	1034	123.95	1058	130.57
29378	4800	850	84.34	878	90.54	907	97.02	935	103.50	963	110.13	989	116.84	1016	123.68	1041	130.52	1066	137.37
30602	5000	860	89.69	889	96.29	917	102.75	944	109.52	972	116.35	998	123.17	1023	130.10	1049	137.22	1074	144.34
31826	5200	870	95.82	900	102.21	927	109.00	954	115.71	981	122.76	1007	129.06	1032	136.96	1057	144.09	1081	151.49
33050	5400	879	102.54	909	108.03	938	115.49	965	122.40	990	129.45	1016	136.75	1041	144.13	1066	151.50	1089	158.87
34274	5600	891	106.45	919	114.04	948	121.80	976	129.49	1001	136.74	1025	143.97	1050	151.51	1075	159.16	1098	166.81
35498	5800	902	112.64	930	120.39	958	128.31	985	136.34	1012	144.27	1036	151.79	1060	159.27	1084	167.04	1108	174.96
36722	6000	914	119.06	941	127.89	968	135.18	995	143.36	1022	151.67	1047	159.06	1071	167.63	1094	175.30	1117	183.34
37946	6200	927	126.42	953	134.04	979	142.34	1005	150.61	1031	159.21	1057	167.78	1082	176.25	1105	184.28	1127	192.29
39171	6400	941	134.40	965	141.44	991	149.83	1016	158.38	1041	166.97	1067	175.84	1091	184.70	1115	193.46	1138	201.75
40395	6600	954	141.65	980	150.12	1003	157.58	1028	166.42	1052	175.24	1076	184.13	1101	193.29	1125	202.42	1149	211.49
41619	6800	967	149.18	993	158.51	1016	166.50	1040	174.73	1064	183.83	1087	192.92	1111	202.11	1135	211.54	1158	220.95

CFM	OV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14689	2400	1027	77.56	1053	82.40	1078	87.30	1102	92.25	1126	97.27
15913	2600	1030	81.76	1056	86.00	1081	91.90	1105	97.06	1129	102.20
17137	2800	1033	86.00	1059	91.25	1084	96.56	1109	101.92	1133	107.34
18361	3000	1037	90.50	1062	95.75	1087	101.26	1112	106.03	1136	112.46
19585	3200	1041	95.52	1067	100.96	1091	106.43	1115	111.95	1139	117.63
20809	3400	1046	100.63	1071	106.29	1096	112.00	1120	117.75	1143	123.54
22033	3600	1052	106.77	1076	112.22	1100	117.60	1124	123.64	1148	129.66
23257	3800	1058	113.15	1083	118.06	1106	124.60	1130	130.34	1152	136.13
24481	4000	1064	119.12	1089	125.64	1113	131.65	1136	137.67	1159	143.70
25706	4200	1070	124.69	1094	131.45	1118	136.25	1142	145.10		
26930	4400	1076	130.92	1100	137.58	1124	144.40	1148	151.49		
28154	4600	1083	137.37	1107	144.28	1131	151.33	1154	159.10		
29378	4800	1090	144.24	1114	151.13	1137	158.22	1160	165.55		
30602	5000	1098	151.48	1121	158.62	1144	165.77				
31826	5200	1106	158.89	1129	166.31	1152	173.73				
33050	5400	1113	166.49	1137	174.17	1160	180.87				
34274	5600	1122	174.45	1145	182.22						
35498	5800	1131	182.88	1153	190.00						
36722	6000	1140	191.54	1162	199.74						
37946	6200	1149	200.42								

7AH INDUSTRIAL EXHAUSTER

Wheel Dia. 12 $\frac{3}{4}$ Inlet Dia. 7 $\frac{1}{4}$



Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 4701

■ H.D. Wheel & H.D. Shaft 5328

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	OV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
384	1400	1187	0.10	1581	0.20	1901	0.30	2177	0.41	2426	0.54	2650	0.67	2861	0.81	3059	0.96	3244	1.12
439	1600	1224	0.12	1612	0.23	1923	0.34	2194	0.46	2436	0.59	2661	0.73	2867	0.87	3059	1.02	3244	1.18
494	1800	1266	0.15	1645	0.26	1949	0.36	2214	0.51	2454	0.65	2673	0.79	2877	0.94	3070	1.10	3258	1.26
549	2000	1311	0.18	1682	0.30	1980	0.43	2239	0.56	2474	0.71	2691	0.86	2892	1.02	3080	1.18	3261	1.35
604	2200	1360	0.21	1719	0.34	2014	0.48	2270	0.62	2499	0.77	2711	0.94	2910	1.10	3097	1.27	3273	1.45
659	2400	1412	0.24	1760	0.38	2051	0.53	2300	0.68	2528	0.85	2736	1.01	2931	1.19	3115	1.37	3291	1.56
714	2600	1466	0.28	1803	0.43	2088	0.59	2337	0.75	2559	0.92	2765	1.10	2956	1.28	3138	1.47	3309	1.67
769	2800	1520	0.32	1848	0.49	2126	0.66	2373	0.83	2593	1.01	2796	1.19	2986	1.38	3163	1.58	3334	1.78
824	3000	1578	0.37	1895	0.55	2168	0.73	2410	0.91	2629	1.10	2828	1.29	3016	1.49	3193	1.69	3359	1.90
879	3200	1637	0.43	1946	0.62	2211	0.80	2440	1.00	2666	1.20	2865	1.40	3048	1.60	3223	1.81	3389	2.03
934	3400	1696	0.49	1999	0.69	2256	0.89	2490	1.09	2704	1.30	2901	1.51	3084	1.73	3254	1.94	3420	2.17
989	3600	1756	0.55	2052	0.76	2302	0.98	2533	1.19	2742	1.41	2938	1.63	3120	1.86	3290	2.08	3451	2.31
1044	3800	1816	0.62	2106	0.84	2353	1.07	2577	1.29	2784	1.52	2976	1.76	3157	1.99	3327	2.23	3487	2.47
1099	4000	1877	0.70	2162	0.93	2405	1.17	2622	1.41	2826	1.65	3015	1.89	3195	2.14	3364	2.39	3523	2.64
1154	4200	1939	0.79	2220	1.03	2458	1.28	2669	1.53	2870	1.78	3057	2.03	3232	2.29	3401	2.55	3560	2.81
1209	4400	2001	0.88	2278	1.14	2511	1.40	2720	1.66	2915	1.92	3100	2.18	3273	2.44	3438	2.72	3597	2.99
1264	4600	2064	0.98	2337	1.25	2565	1.52	2772	1.79	2961	2.06	3144	2.33	3316	2.61	3476	2.89	3634	3.18
1319	4800	2128	1.09	2396	1.37	2619	1.65	2825	1.94	3011	2.22	3189	2.50	3358	2.78	3520	3.08	3672	3.37
1374	5000	2193	1.21	2455	1.50	2677	1.79	2878	2.09	3062	2.39	3235	2.68	3403	2.97	3562	3.27	3714	3.57
1429	5200	2259	1.34	2515	1.64	2735	1.94	2931	2.24	3114	2.56	3283	2.86	3448	3.17	3605	3.47	3756	3.79
1484	5400	2325	1.47	2576	1.78	2794	2.09	2985	2.41	3167	2.74	3334	3.06	3494	3.37	3650	3.69	3799	4.01
1539	5600	2391	1.62	2637	1.94	2853	2.26	3041	2.59	3220	2.93	3386	3.26	3542	3.59	3696	3.92	3843	4.25
1594	5800	2458	1.77	2698	2.11	2911	2.44	3099	2.78	3274	3.12	3439	3.48	3593	3.81	3741	4.15	3888	4.50
1649	6000	2526	1.94	2760	2.28	2971	2.63	3157	2.98	3328	3.33	3492	3.78	3645	4.05	3790	4.40	3934	4.75
1704	6200	2594	2.12	2823	2.47	3030	2.83	3215	3.19	3382	3.54	3545	3.92	3697	4.30	3841	4.66	3979	5.02

CFM	OV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
549	2800	3431	1.53	3594	1.71	3749	1.90	3900	2.09	4047	2.30	4188	2.51	4325	2.73	4458	2.96	4587	3.18
604	3000	3442	1.63	3604	1.82	3759	2.02	3908	2.21	4051	2.42	4190	2.62	4326	2.85	4459	3.08	4588	3.31
659	3200	3458	1.75	3616	1.94	3770	2.14	3919	2.35	4062	2.56	4200	2.77	4334	2.99	4463	3.21	4593	3.44
714	3400	3475	1.87	3634	2.07	3785	2.27	3930	2.48	4072	2.70	4210	2.92	4344	3.15	4473	3.38	4599	3.62
769	3600	3495	1.99	3652	2.20	3803	2.42	3948	2.64	4088	2.86	4222	3.08	4354	3.31	4484	3.56	4610	3.80
824	3800	3520	2.12	3674	2.34	3821	2.56	3966	2.79	4105	3.03	4240	3.26	4370	3.50	4497	3.74	4620	3.98
879	4000	3546	2.25	3690	2.48	3845	2.72	3986	2.96	4123	3.20	4258	3.44	4388	3.69	4514	3.94	4637	4.19
934	4200	3577	2.40	3726	2.64	3870	2.87	4011	3.12	4146	3.37	4277	3.63	4406	3.89	4532	4.15	4655	4.41
989	4400	3607	2.55	3756	2.80	3899	3.05	4036	3.30	4171	3.56	4302	3.82	4428	4.09	4551	4.36	4673	4.63
1044	4600	3638	2.71	3787	2.97	3929	3.22	4066	3.49	4198	3.75	4326	4.02	4453	4.29	4576	4.57	4695	4.86
1099	4800	3674	2.89	3818	3.14	3968	3.41	4097	3.68	4229	3.95	4355	4.23	4478	4.51	4600	4.80	4719	5.09
1154	5000	3711	3.07	3854	3.34	3992	3.60	4128	3.88	4258	4.17	4386	4.45	4509	4.74	4628	5.03	4744	5.32
1209	5200	3747	3.27	3891	3.54	4028	3.82	4168	4.09	4290	4.38	4417	4.68	4539	4.98	4658	5.28	4774	5.58
1264	5400	3785	3.46	3928	3.75	4065	4.04	4196	4.33	4323	4.62	4447	4.91	4570	5.22	4689	5.54	4804	5.85
1319	5600	3822	3.67	3965	3.97	4101	4.27	4233	4.57	4360	4.87	4482	5.17	4601	5.47	4720	5.80	4835	6.12
1374	5800	3859	3.88	4002	4.19	4138	4.51	4270	4.82	4396	5.13	4518	5.45	4637	5.76	4752	6.07	4866	6.40
1429	6000	3900	4.11	4040	4.43	4176	4.75	4307	5.08	4433	5.40	4555	5.73	4673	6.05	4788	6.38	4899	6.70
1484	6200	3942	4.34	4079	4.67	4213	5.00	4344	5.34	4470	5.68	4592	6.02	4710	6.35	4824	6.69	4936	7.03
1539	6400	3985	4.58	4121	4.92	4252	5.26	4381	5.61	4507	5.96	4629	6.31	4747	6.66	4861	7.01	4972	7.37
1594	6600	4028	4.83	4164	5.19	4294	5.54	4420	5.89	4545	6.26	4666	6.62	4784	6.98	4898	7.34	5009	7.71
1649	6800	4073	5.11	4206	5.46	4337	5.83	4462	6.19	4583	6.56	4704	6.93	4821	7.31	4935	7.68	5046	8.06
1704	7000	4118	5.39	4251	5.75	4379	6.12	4504	6.50	4625	6.88	4741	7.25	4858	7.64	4972	8.03	5083	8.42
1759	7200	4164	5.68	4296	6.06	4423	6.43	4547	6.82	4667	7.21	4783	7.60	4896	7.98	5010	8.39	5120	8.79
1814	7400	4210	5.98	4341	6.37	4468	6.76	4589	7.14	4709	7.55	4825	7.95	4938	8.35	5048	8.75	5158	9.16
1869	7600	4251	6.30	4387	6.69	4513	7.10	4634	7.49	4752	7.90	4868	8.31	4980	8.72	5089	9.14	5196	9.55

CFM	OV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
659	2400	4714	3.69	4837	3.94	4956	4.19	5072	4.45	5186	4.71	5297	4.90
714	2600	4722	3.86	4841	4.10	4957	4.34	5073	4.61	5187	4.80	5298	5.15
769	2800	4732	4.05	4851	4.30	4967	4.55	5083	4.81	5192	5.07	5300	5.33
824	3000	4742	4.24	4862	4.50	4978	4.76	5091	5.03	5202	5.30	5311	5.57
879	3200	4756	4.45	4873	4.71	4988	4.98	5102	5.25	5213	5.53	5321	5.81
934	3400	4774	4.68	4890	4.94	5004	5.21	5114	5.49	5223	5.76		
989	3600	4792	4.91	4908	5.18	5021	5.47	5132	5.75	5240	6.03		
1044	3800	4811	5.14	4926	5.43	5039	5.72	5150	6.01	5258	6.31		
1099	4000	4835	5.38	4948	5.68	5058	5.98	5168	6.28	5276	6.59		
1154	4200	4860	5.63	4973	5.94	5083	6.25	5190	6.56	5295	6.87		
1209	4400	4886	5.89	4997	6.20	5107	6.52	5215	6.84	5320	7.17		
1264	4600	4917	6.17	5026	6.48	5133	6.80	5239	7.13				
1319	4800	4947	6.45	5057	6.78	5164	7.11	5268	7.44				
1374	5000	4978	6.74	5087	7.06	5194	7.42	5298	7.77				
1429	5200	5009	7.04	5118	7.39	5225	7.74						
1484	5400	5044	7.37	5150	7.71	5256	8.07						
1539	5600	5080	7.72	5186	8.07	5289	8.42						
1594	5800	5117	8.07	5222	8.43	5325	8.80						
1649	6000	5154	8.43	5259	8.81								
1704	6200	5191	8.80	5296	9.19								

94H INDUSTRIAL EXHAUSTER

Wheel Dia. 15¹¹/₁₆ Inlet Dia. 9¹/₁₆

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 3652

☒ H.D. Wheel & H.D. Shaft 4139

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
637	1400	922	0.17	1229	0.33	1477	0.50	1691	0.69	1884	0.89	2059	1.10	2223	1.34	2376	1.59	2520	1.86
728	1600	951	0.21	1252	0.38	1494	0.56	1705	0.76	1893	0.97	2067	1.20	2227	1.44	2377	1.69	2521	1.96
820	1800	984	0.25	1278	0.43	1515	0.63	1720	0.85	1907	1.07	2077	1.31	2235	1.56	2385	1.82	2525	2.09
911	2000	1019	0.29	1307	0.49	1538	0.71	1740	0.93	1922	1.18	2090	1.43	2247	1.69	2393	1.96	2533	2.24
1002	2200	1057	0.34	1336	0.56	1565	0.79	1763	1.03	1941	1.28	2106	1.55	2261	1.83	2406	2.11	2543	2.40
1093	2400	1097	0.40	1367	0.64	1593	0.88	1787	1.13	1964	1.40	2125	1.68	2277	1.97	2420	2.27	2557	2.58
1184	2600	1139	0.46	1400	0.72	1622	0.98	1815	1.25	1988	1.53	2148	1.82	2297	2.12	2438	2.44	2571	2.76
1275	2800	1183	0.54	1436	0.81	1652	1.09	1844	1.38	2014	1.67	2172	1.97	2319	2.29	2457	2.61	2590	2.95
1366	3000	1226	0.62	1472	0.91	1685	1.21	1873	1.51	2043	1.82	2197	2.14	2343	2.47	2480	2.81	2609	3.15
1457	3200	1272	0.71	1512	1.02	1710	1.33	1902	1.65	2071	1.99	2225	2.32	2368	2.65	2504	3.01	2633	3.37
1548	3400	1318	0.80	1553	1.14	1753	1.47	1935	1.81	2100	2.15	2254	2.51	2396	2.86	2528	3.21	2657	3.59
1640	3600	1364	0.91	1594	1.26	1789	1.62	1968	1.97	2138	2.33	2283	2.70	2424	3.00	2556	3.45	2681	3.83
1731	3800	1411	1.03	1636	1.40	1828	1.78	2002	2.15	2163	2.52	2312	2.91	2453	3.31	2585	3.70	2709	4.09
1822	4000	1458	1.16	1679	1.55	1868	1.95	2037	2.33	2196	2.73	2342	3.13	2482	3.54	2613	3.96	2737	4.37
1913	4200	1506	1.31	1724	1.71	1909	2.13	2073	2.53	2230	2.94	2375	3.36	2511	3.79	2642	4.22	2766	4.66
2004	4400	1554	1.46	1770	1.88	1951	2.31	2113	2.75	2265	3.17	2408	3.61	2543	4.05	2671	4.50	2795	4.96
2095	4600	1604	1.63	1816	2.07	1992	2.51	2154	2.97	2301	3.42	2443	3.87	2576	4.33	2702	4.79	2824	5.26
2186	4800	1654	1.81	1862	2.27	2035	2.73	2194	3.21	2339	3.68	2478	4.14	2609	4.61	2735	5.10	2853	5.58
2277	5000	1704	2.00	1908	2.46	2080	2.96	2236	3.46	2379	3.95	2513	4.44	2644	4.92	2767	5.42	2885	5.92
2368	5200	1755	2.21	1954	2.71	2125	3.21	2277	3.72	2419	4.24	2551	4.74	2679	5.25	2801	5.75	2910	6.28
2460	5400	1806	2.44	2001	2.95	2170	3.47	2319	3.99	2460	4.54	2591	5.07	2714	5.59	2836	6.11	2951	6.64
2551	5600	1858	2.68	2048	3.22	2216	3.75	2362	4.28	2502	4.85	2631	5.40	2752	5.94	2871	6.49	2986	7.03
2642	5800	1910	2.94	2096	3.49	2262	4.05	2407	4.60	2543	5.18	2672	5.76	2792	6.32	2907	6.88	3021	7.45
2733	6000	1962	3.21	2144	3.78	2308	4.36	2452	4.93	2585	5.51	2713	6.12	2832	6.71	2944	7.29	3056	7.88
2824	6200	2015	3.51	2193	4.09	2354	4.69	2498	5.28	2628	5.87	2754	6.50	2872	7.12	2984	7.72	3092	8.32

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
911	2000	2666	2.53	2792	2.83	2912	3.14	3030	3.47	3144	3.81	3254	4.17	3360	4.53	3464	4.90	3564	5.27
1002	2200	2674	2.78	2800	3.02	2921	3.34	3036	3.67	3147	4.01	3255	4.35	3361	4.72	3464	5.10	3564	5.49
1093	2400	2686	2.89	2809	3.21	2929	3.54	3044	3.89	3156	4.24	3263	4.59	3367	4.96	3467	5.33	3565	5.70
1184	2600	2700	3.09	2823	3.43	2941	3.77	3053	4.11	3164	4.47	3271	4.84	3375	5.22	3475	5.61	3573	6.00
1275	2800	2716	3.30	2837	3.65	2954	4.01	3067	4.37	3176	4.73	3280	5.11	3383	5.49	3484	5.89	3581	6.30
1366	3000	2735	3.51	2854	3.88	2968	4.25	3081	4.63	3189	5.01	3294	5.40	3395	5.80	3493	6.19	3589	6.60
1457	3200	2755	3.73	2873	4.11	2987	4.50	3097	4.90	3203	5.30	3308	5.70	3409	6.11	3507	6.53	3602	6.95
1548	3400	2779	3.98	2895	4.37	3006	4.76	3116	5.17	3221	5.59	3323	6.01	3423	6.44	3521	6.87	3616	7.31
1640	3600	2802	4.23	2918	4.64	3029	5.05	3135	5.46	3240	5.89	3342	6.33	3440	6.77	3536	7.22	3630	7.67
1731	3800	2826	4.49	2942	4.91	3053	5.34	3159	5.77	3261	6.21	3361	6.65	3459	7.11	3555	7.50	3647	8.05
1822	4000	2854	4.79	2966	5.20	3077	5.65	3183	6.10	3285	6.55	3384	7.01	3479	7.47	3574	7.94	3666	8.43
1913	4200	2883	5.09	2994	5.53	3101	5.97	3207	6.43	3309	6.90	3407	7.30	3503	7.85	3595	8.33	3686	8.82
2004	4400	2911	5.41	3023	5.87	3129	6.32	3232	6.78	3333	7.26	3431	7.75	3526	8.25	3619	8.75	3709	9.25
2095	4600	2940	5.74	3051	6.22	3158	6.69	3260	7.17	3359	7.65	3455	8.14	3550	8.66	3643	9.17	3732	9.69
2186	4800	2969	6.08	3080	6.58	3186	7.08	3289	7.57	3387	8.07	3482	8.57	3574	9.07	3667	9.61	3756	10.15
2277	5000	2990	6.43	3109	6.95	3215	7.47	3317	7.99	3415	8.50	3510	9.02	3602	9.54	3691	10.06	3780	10.61
2368	5200	3030	6.80	3138	7.33	3244	7.87	3346	8.41	3444	8.95	3539	9.49	3631	10.03	3720	10.57	3806	11.11
2460	5400	3063	7.19	3169	7.73	3273	8.29	3375	8.85	3473	9.41	3567	9.97	3659	10.53	3748	11.09	3834	11.65
2551	5600	3096	7.59	3202	8.16	3304	8.72	3404	9.30	3502	9.88	3596	10.46	3688	11.04	3776	11.62	3863	12.20
2642	5800	3129	8.01	3235	8.60	3336	9.18	3434	9.76	3531	10.36	3625	10.97	3716	11.57	3805	12.17	3891	12.77
2733	6000	3164	8.46	3268	9.05	3369	9.65	3466	10.26	3560	10.86	3654	11.40	3745	12.11	3834	12.73	3920	13.35
2824	6200	3199	8.93	3302	9.53	3402	10.14	3499	10.77	3593	11.39	3684	12.02	3774	12.66	3863	13.30	3949	13.95
2915	6400	3235	9.41	3337	10.03	3436	10.65	3532	11.29	3626	11.94	3716	12.59	3804	13.23	3892	13.89	3978	14.56
3006	6600	3270	9.91	3373	10.55	3471	11.20	3565	11.83	3659	12.50	3749	13.17	3836	13.83	3921	14.50	4007	15.10
3097	6800	3310	10.43	3408	11.09	3506	11.76	3600	12.42	3692	13.08	3782	13.77	3869	14.46	3954	15.14	4036	15.82

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1893	2400	3663	6.11	3758	6.52	3850	6.94	3941	7.37	4029	7.81	4116	8.25
1184	2600	3668	6.39	3761	6.79	3851	7.19	3941	7.63	4030	8.08	4116	8.53
1275	2800	3676	6.71	3769	7.12	3859	7.54	3947	7.97	4033	8.40	4110	8.83
1366	3000	3684	7.02	3777	7.46	3867	7.89	3955	8.33	4041	8.78	4126	9.23
1457	3200	3695	7.37	3785	7.80	3875	8.24	3963	8.70	4050	9.16	4134	9.63
1548	3400	3709	7.75	3799	8.19	3887	8.64	3973	9.09	4058	9.55		
1640	3600	3723	8.13	3813	8.59	3901	9.05	3987	9.52	4071	10.00		
1731	3800	3737	8.52	3827	8.99	3915	9.48	4001	9.96	4085	10.45		
1822	4000	3756	8.92	3844	9.42	3930	9.91	4015	10.41	4099	10.92		
1913	4200	3776	9.33	3863	9.84	3949	10.35	4032	10.87	4114	11.39		
2004	4400	3796	9.76	3882	10.27	3968	10.80	4051	11.34	4133	11.80		
2095	4600	3820	10.22	3905	10.74	3989	11.27	4070	11.81				
2196	4800	3844	10.69	3929	11.23	4012	11.78	4093	12.33				
2277	5000	3867	11.17	3952	11.73	4035	12.30	4116	12.87				
2368	5200	3891	11.66	3976	12.24	4059	12.83						
2468	5400	3919	12.21	4001	12.77	4083	13.37						
2551	5600	3947	12.78	4029	13.36	4109	13.95						
2642	5800	3975	13.37	4057	13.97	4137	14.58						
2733	6000	4004	13.97	4086	14.68								
2824	6200	4032	14.59	4114	15.23								

11AH INDUSTRIAL EXHAUSTER

Wheel Dia. 19 1/4"

Inlet Dia. 11 1/8"

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 2996

■ H.D. Wheel & H.D. Shaft 3395

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
947	1400	756	0.26	1000	0.49	1212	0.74	1387	1.02	1546	1.32	1689	1.64	1823	1.99	1949	2.37	2067	2.76
1083	1600	780	0.31	1027	0.56	1225	0.84	1398	1.14	1553	1.45	1695	1.79	1827	2.14	1950	2.51	2068	2.92
1218	1800	807	0.37	1046	0.64	1242	0.94	1411	1.26	1564	1.60	1703	1.95	1834	2.32	1956	2.71	2071	3.11
1354	2000	836	0.43	1072	0.73	1262	1.05	1427	1.39	1577	1.75	1715	2.12	1843	2.51	1963	2.91	2078	3.33
1489	2200	867	0.51	1096	0.84	1283	1.17	1446	1.53	1592	1.91	1728	2.31	1854	2.72	1974	3.14	2086	3.57
1625	2400	900	0.60	1122	0.95	1307	1.31	1466	1.69	1611	2.09	1743	2.50	1868	2.93	1985	3.38	2097	3.83
1760	2600	934	0.69	1149	1.07	1331	1.46	1489	1.96	1631	2.27	1762	2.71	1884	3.16	2000	3.63	2109	4.11
1895	2800	969	0.80	1178	1.21	1355	1.62	1512	2.05	1652	2.40	1782	2.93	1903	3.41	2015	3.88	2124	4.39
2031	3000	1006	0.92	1208	1.35	1382	1.79	1536	2.25	1676	2.71	1802	3.17	1922	3.67	2035	4.17	2140	4.68
2166	3200	1043	1.05	1240	1.52	1409	1.98	1560	2.46	1699	2.95	1825	3.44	1942	3.94	2054	4.47	2160	5.01
2302	3400	1081	1.20	1274	1.69	1438	2.18	1587	2.69	1723	3.20	1849	3.73	1965	4.25	2074	4.78	2179	5.34
2437	3600	1119	1.36	1308	1.88	1467	2.40	1614	2.93	1747	3.47	1872	4.02	1988	4.57	2097	5.13	2199	5.69
2572	3800	1157	1.54	1342	2.08	1500	2.64	1642	3.19	1774	3.75	1896	4.33	2012	4.91	2120	5.50	2222	6.08
2708	4000	1196	1.73	1378	2.30	1533	2.89	1671	3.47	1801	4.05	1921	4.65	2036	5.26	2144	5.88	2245	6.58
2843	4200	1235	1.94	1415	2.54	1566	3.16	1701	3.76	1829	4.37	1948	5.00	2060	5.63	2167	6.28	2269	6.92
2979	4400	1275	2.17	1452	2.80	1600	3.44	1733	4.08	1858	4.72	1975	5.36	2086	6.02	2191	6.69	2292	7.37
3114	4600	1315	2.42	1490	3.07	1634	3.74	1767	4.42	1887	5.08	2004	5.75	2113	6.43	2216	7.12	2316	7.82
3250	4800	1356	2.69	1527	3.37	1669	4.05	1800	4.78	1919	5.47	2032	6.16	2140	6.86	2243	7.58	2340	8.29
3385	5000	1398	2.98	1565	3.69	1706	4.40	1834	5.14	1951	5.87	2061	6.59	2169	7.32	2278	8.05	2367	8.68
3520	5200	1439	3.29	1603	4.03	1743	4.77	1868	5.53	1985	6.30	2092	7.05	2197	7.80	2297	8.55	2394	9.33
3656	5400	1481	3.62	1641	4.39	1780	5.16	1902	5.93	2018	6.75	2125	7.53	2227	8.31	2326	9.09	2421	9.88
3791	5600	1524	3.98	1680	4.78	1816	5.57	1938	6.37	2052	7.21	2158	8.03	2257	8.83	2355	9.65	2449	10.46
3927	5800	1566	4.36	1719	5.19	1855	6.01	1975	6.84	2086	7.69	2191	8.56	2290	9.39	2384	10.23	2478	11.07
4062	6000	1610	4.77	1759	5.62	1893	6.48	2012	7.33	2120	8.20	2225	9.18	2323	9.98	2415	10.84	2507	11.71
4198	6200	1653	5.21	1799	6.08	1931	6.97	2049	7.85	2155	8.73	2259	9.66	2356	10.58	2448	11.48	2536	12.36

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1354	2000	21.07	3.77	22.90	4.21	23.09	4.67	24.05	5.15	25.79	5.67	26.69	6.19	27.56	6.73	28.41	7.28	29.23	7.84
1489	2200	21.93	4.02	22.97	4.49	23.96	4.97	24.90	5.45	25.82	5.95	26.78	6.46	27.57	7.01	28.42	7.58	29.24	8.15
1625	2400	22.93	4.30	23.84	4.77	24.82	5.26	24.97	5.78	25.88	6.30	26.76	6.83	27.62	7.37	28.44	7.91	29.24	8.47
1760	2600	22.15	4.60	23.16	5.09	24.12	5.68	25.05	6.11	25.95	6.65	26.83	7.20	27.68	7.76	28.51	8.33	29.31	8.91
1895	2800	22.27	4.90	23.27	5.42	24.23	5.95	25.16	6.49	26.05	7.04	26.91	7.59	27.75	8.16	28.57	8.76	29.38	9.36
2031	3000	22.43	5.22	23.41	5.76	24.35	6.32	25.27	6.88	26.16	7.45	27.02	8.03	27.85	8.61	28.66	9.20	29.44	9.81
2166	3200	22.60	5.55	23.57	6.11	24.50	6.65	25.40	7.28	26.27	7.87	27.13	8.48	27.96	9.09	28.77	9.70	29.55	10.33
2302	3400	22.79	5.91	23.74	6.49	24.66	7.08	25.56	7.69	26.42	8.31	27.26	8.93	28.08	9.57	28.88	10.21	29.66	10.86
2437	3600	22.99	6.29	23.94	6.89	24.85	7.50	25.72	8.11	26.58	8.76	27.41	9.41	28.22	10.06	29.00	10.73	29.78	11.40
2572	3800	23.18	6.67	24.13	7.30	25.04	7.94	25.91	8.58	26.75	9.23	27.57	9.89	28.38	10.57	29.16	11.26	29.92	11.96
2708	4000	23.47	7.11	24.33	7.73	25.24	8.39	26.11	9.06	26.95	9.74	27.75	10.41	28.54	11.10	29.32	11.81	30.07	12.53
2843	4200	23.65	7.57	24.56	8.22	25.44	8.87	26.30	9.56	27.14	10.26	27.95	10.96	28.73	11.67	29.49	12.39	30.23	13.11
2979	4400	23.88	8.04	24.79	8.72	25.67	9.40	26.51	10.08	27.34	10.79	28.14	11.52	28.93	12.26	29.68	13.00	30.42	13.75
3114	4600	24.12	8.53	25.03	9.24	25.90	9.95	26.74	10.66	27.55	11.37	28.34	12.10	29.12	12.86	29.88	13.63	30.62	14.41
3250	4800	24.36	9.04	25.27	9.78	26.14	10.52	26.97	11.26	27.78	12.00	28.56	12.74	29.32	13.48	30.08	14.28	30.81	15.08
3385	5000	24.59	9.56	25.50	10.33	26.37	11.10	27.21	11.87	28.01	12.64	28.79	13.41	29.55	14.18	30.28	14.95	31.01	15.77
3520	5200	24.85	10.11	25.74	10.90	26.61	11.78	27.44	12.58	28.25	13.30	29.03	14.18	29.78	14.91	30.51	15.71	31.22	16.51
3656	5400	25.12	10.69	26.00	11.49	26.85	12.32	27.60	13.15	28.49	13.98	29.26	14.82	30.01	15.65	30.74	16.48	31.45	17.31
3791	5600	25.39	11.20	26.26	12.12	27.10	12.96	27.92	13.82	28.72	14.68	29.50	15.55	30.25	16.41	30.98	17.27	31.68	18.14
3927	5800	25.67	11.90	26.53	12.70	27.37	13.64	28.17	14.51	28.96	15.40	29.73	16.30	30.48	17.19	31.21	18.09	31.92	18.98
4062	6000	25.95	12.57	26.81	13.45	27.63	14.35	28.43	15.25	29.20	16.14	29.97	17.07	30.72	17.99	31.45	18.92	32.15	19.84
4198	6200	26.24	13.27	27.09	14.16	27.91	15.07	28.70	16.01	29.47	16.93	30.21	17.86	30.96	18.82	31.69	19.77	32.39	20.73
4333	6400	26.53	13.98	27.37	14.91	28.18	15.83	28.97	16.79	29.74	17.75	30.48	18.70	31.20	19.66	31.92	20.65	32.63	21.64
4468	6600	26.83	14.72	27.66	15.69	28.47	16.64	29.25	17.59	30.01	18.58	30.75	19.57	31.47	20.56	32.17	21.55	32.87	22.57
4604	6800	27.15	15.51	27.96	16.49	28.76	17.47	29.53	18.46	30.28	19.44	31.02	20.46	31.74	21.49	32.43	22.50	33.11	23.52

CFM	CV	19.00 SP	
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134H INDUSTRIAL EXHAUSTER

Wheel Dia 22 $\frac{5}{8}$ "

Inlet Dia. 13 $\frac{1}{2}$ "

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 2532

☒ H.D. Wheel & H.D. Shaft 2870

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1326	1400	639	0.36	852	0.68	1024	1.04	1173	1.43	1307	1.85	1428	2.30	1541	2.79	1648	3.32	1747	3.86
1516	1600	659	0.43	868	0.78	1036	1.17	1182	1.59	1312	2.03	1433	2.50	1544	3.00	1648	3.51	1748	4.08
1785	1800	682	0.51	886	0.90	1050	1.31	1193	1.76	1322	2.23	1440	2.72	1550	3.24	1654	3.79	1751	4.35
1895	2000	706	0.61	906	1.03	1067	1.47	1206	1.94	1333	2.45	1449	2.97	1558	3.51	1659	4.07	1756	4.66
2094	2200	733	0.71	926	1.17	1085	1.64	1223	2.15	1346	2.67	1461	3.23	1567	3.80	1668	4.39	1763	4.99
2274	2400	761	0.84	948	1.33	1105	1.84	1239	2.36	1362	2.92	1474	3.50	1579	4.10	1678	4.73	1773	5.37
2463	2600	789	0.97	971	1.50	1125	2.05	1259	2.61	1379	3.18	1490	3.79	1592	4.42	1690	5.08	1783	5.74
2653	2800	819	1.11	995	1.69	1145	2.27	1278	2.87	1397	3.47	1506	4.11	1608	4.77	1704	5.44	1796	6.14
2842	3000	850	1.28	1021	1.90	1168	2.51	1298	3.15	1416	3.80	1523	4.44	1625	5.13	1720	5.84	1809	6.55
3032	3200	882	1.47	1049	2.12	1191	2.77	1319	3.44	1436	4.13	1543	4.82	1642	5.51	1736	6.25	1826	7.01
3221	3400	914	1.67	1077	2.37	1215	3.06	1341	3.76	1456	4.48	1563	5.22	1661	5.95	1753	6.68	1842	7.48
3411	3600	946	1.90	1105	2.63	1240	3.36	1364	4.10	1477	4.85	1583	5.63	1681	6.40	1772	7.18	1859	7.96
3600	3800	978	2.15	1134	2.91	1268	3.69	1388	4.46	1500	5.25	1603	6.05	1701	6.88	1792	7.69	1878	8.51
3790	4000	1011	2.42	1164	3.22	1296	4.05	1413	4.85	1522	5.67	1624	6.51	1721	7.37	1812	8.23	1898	9.09
3979	4200	1044	2.72	1196	3.55	1324	4.42	1438	5.27	1546	6.12	1647	6.99	1741	7.88	1832	8.78	1918	9.69
4169	4400	1078	3.04	1227	3.91	1353	4.81	1465	5.71	1570	6.60	1670	7.50	1763	8.42	1852	9.36	1938	10.31
4358	4600	1112	3.38	1259	4.30	1381	5.23	1493	6.19	1595	7.11	1694	8.04	1786	9.00	1873	9.96	1958	10.95
4548	4800	1147	3.76	1291	4.72	1411	5.67	1522	6.68	1622	7.65	1718	8.62	1809	9.59	1896	10.60	1978	11.61
4738	5000	1182	4.17	1323	5.16	1442	6.16	1558	7.20	1650	8.22	1743	9.23	1833	10.24	1919	11.27	2001	12.32
4927	5200	1217	4.61	1355	5.64	1473	6.67	1579	7.74	1678	8.82	1768	9.86	1857	10.92	1942	11.97	2023	13.06
5117	5400	1252	5.07	1388	6.15	1505	7.22	1608	8.30	1706	9.44	1796	10.54	1882	11.62	1966	12.72	2046	13.82
5306	5600	1288	5.57	1420	6.69	1537	7.80	1638	8.91	1735	10.09	1824	11.24	1908	12.36	1991	13.50	2070	14.63
5496	5800	1324	6.11	1453	7.26	1568	8.41	1669	9.57	1763	10.76	1852	11.90	1936	13.15	2015	14.31	2094	15.49
5685	6000	1361	6.68	1487	7.87	1600	9.07	1700	10.26	1792	11.47	1881	12.74	1963	13.96	2041	15.16	2119	16.38
5875	6200	1397	7.29	1520	8.51	1632	9.75	1732	10.90	1822	12.21	1909	13.52	1992	14.81	2069	16.06	2144	17.30

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1895	2000	1848	5.27	1936	5.90	2019	6.54	2101	7.21	2180	7.93	2256	8.67	2330	9.42	2402	10.19	2471	10.97
2094	2200	1854	5.62	1941	6.28	2025	6.95	2105	7.63	2182	8.33	2257	9.04	2330	9.81	2402	10.60	2472	11.41
2274	2400	1863	6.01	1948	6.67	2031	7.37	2111	8.08	2188	8.81	2262	9.56	2334	10.31	2404	11.00	2472	11.85
2463	2600	1872	6.43	1957	7.13	2039	7.83	2117	8.55	2194	9.30	2268	10.08	2340	10.86	2410	11.66	2478	12.47
2653	2800	1883	6.86	1967	7.59	2048	8.33	2127	9.09	2202	9.85	2274	10.62	2346	11.42	2415	12.25	2483	13.10
2842	3000	1896	7.30	1979	8.07	2058	8.84	2136	9.63	2211	10.43	2284	11.24	2354	12.05	2422	12.88	2489	13.72
3032	3200	1910	7.77	1992	8.56	2071	9.37	2147	10.19	2221	11.02	2294	11.86	2364	12.72	2432	13.50	2498	14.45
3221	3400	1927	8.28	2007	9.08	2085	9.91	2160	10.76	2234	11.63	2304	12.50	2373	13.39	2441	14.29	2507	15.20
3411	3600	1943	8.80	2023	9.64	2100	10.50	2174	11.36	2247	12.25	2317	13.17	2385	14.08	2452	15.01	2517	15.95
3600	3800	1960	9.34	2040	10.22	2117	11.11	2190	12.01	2261	12.92	2331	13.84	2399	14.80	2465	15.76	2529	16.73
3790	4000	1979	9.95	2057	10.82	2133	11.75	2207	12.68	2278	13.63	2346	14.50	2412	15.53	2478	16.52	2542	17.53
3979	4200	1999	10.60	2076	11.50	2150	12.41	2223	13.37	2294	14.35	2363	15.34	2429	16.34	2493	17.34	2555	18.35
4169	4400	2019	11.26	2096	12.21	2170	13.15	2241	14.10	2311	15.10	2379	16.13	2445	17.16	2509	18.20	2572	19.24
4358	4600	2039	11.94	2116	12.93	2190	13.92	2260	14.92	2329	15.91	2396	16.93	2462	18.00	2526	19.00	2588	20.16
4548	4800	2059	12.65	2136	13.68	2209	14.72	2280	15.75	2348	16.79	2414	17.82	2478	18.87	2542	19.90	2605	21.11
4738	5000	2079	13.37	2156	14.45	2229	15.53	2300	16.61	2368	17.69	2434	18.77	2498	19.85	2560	20.93	2621	22.07
4927	5200	2101	14.15	2176	15.25	2249	16.37	2320	17.50	2388	18.62	2454	19.74	2517	20.86	2579	21.90	2639	23.11
5117	5400	2124	14.96	2197	16.09	2270	17.24	2340	18.41	2408	19.57	2473	20.74	2537	21.90	2599	22.87	2659	24.23
5306	5600	2147	15.79	2220	16.97	2291	18.14	2360	19.34	2428	20.55	2493	21.76	2557	22.97	2618	24.17	2678	25.38
5496	5800	2170	16.66	2243	17.88	2313	19.10	2381	20.31	2448	21.56	2513	22.81	2577	24.06	2638	25.31	2698	26.56
5685	6000	2194	17.60	2266	18.82	2336	20.08	2403	21.34	2469	22.59	2534	23.89	2597	25.18	2658	26.48	2718	27.77
5875	6200	2218	18.57	2290	19.82	2359	21.10	2426	22.40	2491	23.70	2556	25.00	2617	26.34	2678	27.67	2738	29.01
6064	6400	2243	19.57	2314	20.87	2382	22.16	2449	23.49	2514	24.04	2577	26.10	2637	27.52	2699	28.90	2758	30.28
6254	6600	2268	20.61	2338	21.95	2407	23.29	2472	24.62	2537	25.01	2599	27.39	2660	28.78	2719	30.16	2778	31.58
6443	6800	2295	21.70	2363	23.07	2431	24.46	2496	25.83	2560	27.21	2622	28.64	2683	30.07	2742	31.49	2799	32.92

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2274	2400	2540	12.78	2605	13.56	2678	14.44	2732	15.33	2794	16.24	2854	17.15
2463	2600	2543	13.29	2608	14.12	2670	14.96	2733	15.87	2794	16.80	2854	17.74
2653	2800	2549	13.95	2613	14.81	2676	15.69	2737	16.57	2797	17.46	2855	18.37
2842	3000	2555	14.61	2619	15.51	2682	16.41	2742	17.33	2802	18.26	2861	19.19
3032	3200	2562	15.33	2625	16.22	2687	17.15	2748	18.10	2808	19.05	2866	20.02
3221	3400	2572	16.11	2634	17.04	2695	17.97	2755	18.90	2813	19.86		
3411	3600	2581	16.91	2644	17.87	2705	18.83	2764	19.81	2823	20.79		
3600	3800	2591	17.71	2653	18.71	2714	19.71	2774	20.72	2832	21.74		
3790	4000	2605	18.55	2665	19.57	2725	20.61	2784	21.65	2842	22.71		
3979	4200	2610	19.40	2679	20.46	2738	21.53	2796	22.61	2852	23.69		
4165	4400	2632	20.29	2692	21.37	2753	22.47	2809	23.58	2866	24.78		
4356	4600	2649	21.25	2708	22.35	2765	23.44	2822	24.56				
4546	4800	2665	22.23	2724	23.36	2781	24.50	2838	25.64				
4738	5000	2682	23.23	2740	24.40	2796	25.58	2854	26.76				
4927	5200	2698	24.26	2757	25.47	2814	26.68						
5117	5400	2717	25.40	2774	26.56	2831	27.81						
5306	5600	2737	26.59	2793	27.80	2849	29.01						
5496	5800	2756	27.81	2813	29.07	2868	30.32						
5685	6000	2776	29.07	2833	30.36								
5875	6200	2796	30.37	2853	31.69								

154H INDUSTRIAL EXHAUST

Wheel Dia. 26 1/8

Inlet Dia. 1

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 2193

☐ H.D. Wheel & H.D. Shaft 2486

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	OV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1768	1400	554	0.46	738	0.67	887	1.33	1016	1.82	1132	2.36	1236	2.92	1335	3.55	1427	4.22	1513	4.92
2021	1600	571	0.55	752	1.00	897	1.49	1024	2.02	1137	2.58	1241	3.19	1337	3.82	1427	4.47	1514	5.20
2274	1800	591	0.65	767	1.14	909	1.67	1033	2.24	1145	2.84	1247	3.47	1342	4.13	1432	4.82	1516	5.54
2526	2000	612	0.77	785	1.31	924	1.87	1045	2.47	1154	3.11	1255	3.78	1349	4.47	1437	5.18	1521	5.93
2779	2200	635	0.91	802	1.49	948	2.09	1059	2.73	1166	3.40	1265	4.11	1357	4.84	1445	5.59	1527	6.36
3032	2400	659	1.06	821	1.69	957	2.34	1073	3.00	1180	3.72	1276	4.45	1368	5.23	1453	6.02	1535	6.83
3285	2600	684	1.23	841	1.90	974	2.61	1090	3.32	1194	4.05	1290	4.83	1379	5.63	1464	6.46	1544	7.31
3537	2800	709	1.42	862	2.15	992	2.89	1107	3.65	1210	4.42	1304	5.23	1393	6.07	1475	6.92	1555	7.82
3790	3000	736	1.63	884	2.41	1012	3.28	1125	4.01	1227	4.83	1319	5.66	1407	6.53	1489	7.43	1567	8.34
4043	3200	764	1.87	908	2.70	1032	3.53	1142	4.38	1244	5.26	1336	6.14	1422	7.02	1504	7.96	1581	8.92
4295	3400	791	2.13	932	3.02	1053	3.89	1162	4.78	1261	5.78	1353	6.64	1439	7.57	1518	8.51	1595	9.52
4548	3600	819	2.42	957	3.35	1074	4.28	1182	5.21	1279	6.17	1371	7.16	1456	8.15	1535	9.16	1618	10.33
4801	3800	847	2.73	982	3.70	1098	4.70	1202	5.68	1299	6.68	1388	7.71	1473	8.75	1552	9.79	1627	10.84
5053	4000	876	3.08	1008	4.09	1122	5.15	1223	6.18	1318	7.22	1407	8.28	1490	9.38	1569	10.47	1644	11.57
5306	4200	904	3.46	1036	4.52	1146	5.63	1245	6.71	1339	7.79	1426	8.90	1508	10.03	1587	11.18	1661	12.33
5559	4400	933	3.87	1063	4.98	1171	6.13	1269	7.27	1360	8.41	1446	9.55	1527	10.72	1604	11.91	1678	13.12
5811	4600	963	4.31	1090	5.47	1196	6.66	1293	7.87	1381	9.05	1467	10.24	1547	11.45	1622	12.68	1695	13.93
6064	4800	993	4.79	1110	6.00	1222	7.22	1318	8.51	1404	9.74	1488	10.97	1567	12.21	1642	13.50	1713	14.78
6317	5000	1023	5.31	1145	6.57	1249	7.84	1342	9.16	1429	10.46	1509	11.74	1588	13.03	1662	14.35	1733	15.66
6570	5200	1054	5.86	1173	7.10	1276	8.49	1367	9.85	1453	11.23	1532	12.55	1609	13.90	1682	15.23	1752	16.62
6822	5400	1084	6.46	1202	7.82	1303	9.19	1393	10.57	1477	12.02	1556	13.41	1638	14.80	1703	16.19	1772	17.59
7075	5600	1115	7.09	1230	8.51	1331	9.92	1419	11.34	1502	12.84	1580	14.31	1652	15.74	1724	17.19	1793	18.63
7328	5800	1147	7.78	1259	9.24	1358	10.71	1445	12.18	1527	13.70	1604	15.25	1676	16.73	1745	18.22	1814	19.72
7580	6000	1178	8.51	1288	10.02	1386	11.54	1473	13.06	1552	14.60	1629	16.21	1700	17.77	1768	19.30	1835	20.85
7833	6200	1210	9.28	1317	10.84	1414	12.41	1500	13.98	1578	15.55	1654	17.21	1725	18.85	1792	20.44	1856	22.03

CFM	OV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2526	2000	1601	6.71	1676	7.51	1749	8.32	1819	9.18	1888	10.09	1954	11.03	2018	11.99	2080	12.96	2140	13.96
2779	2200	1606	7.15	1681	7.99	1754	8.85	1823	9.72	1890	10.60	1954	11.51	2018	12.49	2080	13.50	2140	14.52
3032	2400	1613	7.66	1687	8.50	1759	9.38	1828	10.29	1895	11.22	1959	12.16	2022	13.12	2082	14.10	2141	15.89
3285	2600	1621	8.19	1695	9.07	1766	9.97	1833	10.88	1900	11.84	1964	12.83	2026	13.83	2087	14.85	2146	15.88
3537	2800	1631	8.73	1703	9.66	1774	10.61	1842	11.57	1907	12.54	1978	13.52	2031	14.54	2092	15.60	2150	16.67
3790	3000	1642	9.29	1714	10.27	1782	11.25	1850	12.26	1915	13.27	1978	14.30	2039	15.34	2096	16.40	2155	17.47
4043	3200	1654	9.89	1725	10.89	1794	11.92	1860	12.97	1923	14.03	1986	15.10	2047	16.19	2106	17.29	2163	18.39
4295	3400	1668	10.53	1738	11.56	1805	12.61	1871	13.70	1934	14.80	1995	15.92	2055	17.05	2114	18.19	2172	19.34
4548	3600	1683	11.20	1752	12.28	1819	13.36	1883	14.46	1946	15.60	2007	16.76	2066	17.93	2123	19.11	2180	20.31
4801	3800	1697	11.89	1767	13.01	1833	14.15	1897	15.29	1958	16.44	2018	17.62	2077	18.84	2135	20.06	2190	21.30
5053	4000	1714	12.67	1781	13.77	1847	14.95	1911	16.14	1973	17.34	2032	18.55	2089	19.77	2146	21.03	2202	22.32
5306	4200	1731	13.49	1798	14.64	1862	15.79	1926	17.02	1987	18.27	2046	19.53	2103	20.79	2159	22.07	2213	23.36
5559	4400	1748	14.33	1815	15.54	1879	16.74	1941	17.95	2001	19.22	2060	20.53	2118	21.84	2173	23.17	2227	24.49
5811	4600	1766	15.20	1832	16.46	1896	17.72	1958	18.99	2017	20.25	2075	21.55	2132	22.92	2187	24.29	2241	25.67
6064	4800	1783	16.18	1850	17.42	1913	18.73	1975	20.05	2034	21.37	2091	22.69	2146	24.02	2202	25.44	2256	26.87
6317	5000	1800	17.02	1867	18.48	1931	19.77	1992	21.15	2051	22.52	2108	23.89	2163	25.26	2217	26.64	2270	28.09
6570	5200	1819	18.01	1884	19.41	1948	20.84	2009	22.27	2068	23.70	2125	25.13	2180	26.55	2234	27.90	2286	29.41
6822	5400	1839	19.04	1903	20.48	1966	21.94	2026	23.43	2085	24.91	2142	26.39	2197	27.80	2251	29.36	2302	30.84
7075	5600	1859	20.10	1923	21.68	1984	23.09	2044	24.62	2103	26.16	2159	27.70	2214	29.24	2268	30.77	2319	32.31
7328	5800	1879	21.21	1942	22.76	2003	24.31	2062	25.85	2120	27.44	2177	29.03	2232	30.63	2285	32.22	2337	33.81
7580	6000	1900	22.40	1962	23.95	2023	25.56	2081	27.16	2138	28.76	2194	30.41	2249	32.06	2302	33.71	2354	35.35
7833	6200	1921	23.63	1983	25.23	2043	26.85	2101	28.51	2157	30.17	2212	31.82	2267	33.52	2320	35.23	2371	36.93
8086	6400	1942	24.91	2004	26.56	2063	28.28	2121	29.90	2177	31.61	2231	33.32	2284	35.03	2337	36.79	2389	38.55
8338	6600	1964	26.23	2025	27.94	2084	29.64	2141	31.33	2197	33.18	2251	34.87	2304	36.63	2355	38.30	2406	40.20
8591	6800	1988	27.62	2047	29.37	2105	31.13	2162	32.08	2217	34.63	2271	36.46	2323	38.27	2374	40.09	2424	41.90

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3032	2400	2199	16.17	2256	17.27	2312	18.38	2366	19.52	2419	20.67	2471	21.84
3285	2600	2203	16.92	2259	17.98	2315	19.05	2367	20.20	2420	21.39	2472	22.59
3537	2800	2208	17.76	2263	18.85	2317	19.97	2370	21.09	2422	22.23	2473	23.38
3790	3000	2212	18.68	2268	19.74	2322	20.89	2375	22.06	2427	23.24	2477	24.43
4043	3200	2219	19.51	2273	20.64	2327	21.83	2380	23.03	2432	24.26	2482	25.49
4295	3400	2227	20.51	2281	21.68	2334	22.87	2386	24.06	2437	25.28		
4548	3600	2235	21.52	2290	22.74	2342	23.97	2394	25.21	2445	26.46		
4801	3800	2244	22.55	2298	23.83	2351	25.09	2402	26.38	2453	27.68		
5053	4000	2256	23.61	2306	24.92	2360	26.23	2411	27.56	2461	28.90		
5306	4200	2267	24.70	2319	26.05	2371	27.41	2421	28.70	2470	30.15		
5559	4400	2279	25.83	2331	27.28	2383	28.68	2433	30.02	2482	31.44		
5811	4600	2294	27.05	2345	28.44	2395	29.84	2444	31.28				
6064	4800	2308	28.30	2359	29.74	2408	31.19	2457	32.64				
6317	5000	2322	29.57	2373	31.07	2423	32.56	2472	34.06				
6570	5200	2337	30.86	2388	32.42	2437	33.96	2486	35.52				
6822	5400	2353	32.33	2402	33.81		35.39						
7075	5600	2370	33.85	2419	35.39								
7328	5800	2387	35.41	2436	37.00								
7580	6000	2404	37.00	2453	38.65								
7833	6200	2421	38.63	2470	40.33								

174H INDUSTRIAL EXHAUSTER

Wheel Dia. 29 5/8 Inlet Dia. 17 1/8

American Fan Company

Maximum RPM at 70°F.

- ☐ Std. Wheel & Std. Shaft 1934
- ☒ H.D. Wheel & H.D. Shaft 2192

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	OV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2274	1400	488	0.59	651	1.11	782	1.70	896	2.34	990	3.03	1090	3.76	1177	4.57	1258	5.43	1334	6.32
2599	1600	564	0.78	763	1.28	911	1.92	1033	2.60	1132	3.32	1228	4.10	1319	4.91	1405	5.75	1487	6.68
2924	1800	621	0.84	837	1.47	1002	2.15	1132	2.88	1239	3.66	1334	4.46	1425	5.21	1511	6.02	1593	7.12
3249	2000	659	0.95	892	1.69	1075	2.40	1211	3.18	1328	4.01	1425	4.86	1519	5.75	1607	6.66	1691	7.63
3574	2200	688	1.17	927	1.91	1109	2.69	1254	3.51	1371	4.37	1468	5.28	1561	6.22	1651	7.19	1737	8.17
3899	2400	708	1.37	954	2.17	1136	3.01	1278	3.86	1395	4.78	1492	5.72	1585	6.72	1675	7.74	1761	8.78
4224	2600	721	1.58	972	2.45	1153	3.35	1291	4.27	1408	5.21	1505	6.21	1598	7.23	1688	8.31	1774	9.40
4549	2800	728	1.82	978	2.76	1158	3.71	1296	4.70	1413	5.69	1510	6.72	1603	7.80	1693	8.90	1779	10.05
4874	3000	731	2.10	981	3.10	1161	4.11	1299	5.15	1416	6.21	1513	7.27	1606	8.40	1696	9.55	1782	10.72
5199	3200	734	2.40	984	3.48	1164	4.53	1302	5.63	1419	6.76	1516	7.89	1609	9.02	1699	10.24	1785	11.47
5523	3400	737	2.74	987	3.88	1167	5.00	1305	6.15	1422	7.34	1519	8.54	1612	9.74	1702	10.94	1788	12.24
5848	3600	740	3.11	990	4.30	1170	5.50	1308	6.78	1425	7.94	1522	9.21	1615	10.48	1705	11.75	1791	13.03
6173	3800	743	3.52	993	4.76	1173	6.05	1311	7.38	1428	8.59	1525	9.91	1618	11.25	1708	12.59	1794	13.94
6498	4000	746	3.96	996	5.26	1176	6.62	1314	7.95	1431	9.28	1528	10.65	1621	12.06	1711	13.47	1797	14.88
6823	4200	749	4.45	999	5.81	1179	7.24	1317	8.62	1434	10.02	1531	11.45	1624	12.89	1714	14.38	1800	15.86
7148	4400	752	4.97	1002	6.40	1182	7.88	1320	9.35	1437	10.81	1534	12.28	1627	13.79	1717	15.32	1803	16.87
7473	4600	755	5.54	1005	7.04	1185	8.56	1323	10.13	1440	11.64	1537	13.17	1630	14.73	1720	16.31	1806	17.92
7798	4800	758	6.16	1008	7.72	1188	9.28	1326	10.94	1443	12.59	1540	14.11	1633	15.70	1723	17.36	1809	19.00
8123	5000	761	6.82	1011	8.45	1191	10.08	1329	11.84	1446	13.45	1543	15.00	1636	16.76	1726	18.45	1812	20.17
8448	5200	764	7.54	1014	9.23	1194	10.92	1332	12.66	1449	14.43	1546	16.14	1639	17.87	1729	19.59	1815	21.37
8773	5400	767	8.30	1017	10.06	1197	11.81	1335	13.59	1452	15.46	1549	17.25	1642	19.03	1732	20.82	1818	22.62
9098	5600	770	9.12	1020	10.95	1200	12.76	1338	14.59	1455	16.51	1552	18.40	1645	20.24	1735	22.18	1821	23.95
9423	5800	773	10.00	1023	11.89	1203	13.77	1341	15.66	1458	17.62	1555	19.61	1648	21.52	1738	23.43	1824	25.36
9748	6000	776	10.94	1026	12.88	1206	14.84	1344	16.79	1461	18.78	1558	20.85	1651	22.85	1741	24.82	1827	26.81
10072	6200	779	11.94	1029	13.94	1209	15.96	1347	17.97	1464	19.99	1561	22.14	1654	24.24	1744	26.29	1830	28.32

CFM	OV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3249	2000	1412	8.63	1478	9.65	1542	10.78	1604	11.90	1665	12.98	1723	14.18	1779	15.41	1834	16.67	1887	17.95
3574	2200	1416	9.20	1483	10.28	1547	11.37	1608	12.49	1667	13.64	1724	14.80	1780	16.06	1835	17.35	1888	18.68
3899	2400	1422	9.84	1488	10.93	1551	12.06	1612	13.23	1671	14.43	1728	15.64	1783	16.80	1838	18.13	1891	19.40
4224	2600	1430	10.53	1495	11.67	1557	12.82	1617	14.00	1675	15.23	1732	16.49	1787	17.78	1840	19.09	1892	20.41
4549	2800	1438	11.23	1502	12.42	1564	13.64	1624	14.87	1682	16.12	1737	17.38	1791	18.70	1845	20.06	1896	21.44
4874	3000	1448	11.95	1511	13.28	1572	14.47	1631	15.76	1689	17.07	1744	18.39	1798	19.73	1850	21.08	1901	22.46
5199	3200	1459	12.71	1521	14.01	1582	15.33	1640	16.67	1696	18.03	1752	19.42	1805	20.82	1857	22.23	1906	23.65
5523	3400	1471	13.55	1533	14.87	1592	16.22	1650	17.62	1706	19.03	1760	20.47	1813	21.92	1865	23.39	1915	24.80
5848	3600	1484	14.40	1545	15.79	1604	17.18	1660	18.59	1716	20.06	1770	21.55	1822	23.05	1872	24.57	1922	26.11
6173	3800	1497	15.28	1558	16.73	1617	18.19	1673	19.66	1727	21.14	1780	22.66	1832	24.22	1882	25.80	1931	27.39
6498	4000	1512	16.29	1571	17.71	1629	19.23	1685	20.76	1740	22.38	1792	23.86	1842	25.42	1893	27.05	1942	28.70
6823	4200	1527	17.34	1586	18.83	1642	20.31	1698	21.89	1752	23.58	1804	25.11	1855	26.74	1904	28.38	1952	30.03
7148	4400	1542	18.43	1601	19.98	1657	21.53	1711	23.09	1765	24.72	1817	26.40	1867	28.09	1916	29.79	1964	31.58
7473	4600	1557	19.54	1616	21.17	1672	22.79	1726	24.42	1779	26.04	1830	27.72	1880	29.47	1929	31.23	1976	33.08
7798	4800	1572	20.70	1631	22.39	1687	24.09	1741	25.78	1794	27.48	1844	29.17	1893	30.88	1942	32.71	1989	34.55
8123	5000	1588	21.89	1646	23.66	1703	25.43	1757	27.19	1809	28.96	1859	30.72	1908	32.49	1955	34.25	2002	36.12
8448	5200	1604	23.16	1662	24.96	1718	26.80	1772	28.64	1824	30.47	1874	32.31	1922	34.15	1970	35.98	2016	37.82
8773	5400	1622	24.48	1678	26.33	1733	28.22	1787	30.13	1839	32.03	1889	33.94	1938	35.85	1985	37.75	2030	39.66
9098	5600	1639	25.85	1695	27.77	1749	29.69	1803	31.66	1854	33.64	1904	35.62	1953	37.59	2000	39.57	2045	41.55
9423	5800	1657	27.27	1713	29.26	1767	31.26	1818	33.24	1870	35.29	1920	37.34	1968	39.30	2015	41.43	2061	43.40
9748	6000	1675	28.80	1730	30.80	1784	32.87	1836	34.93	1885	36.98	1935	39.10	1983	41.22	2030	43.34	2076	45.46
10072	6200	1694	30.39	1749	32.44	1802	34.53	1853	36.66	1903	38.79	1951	40.91	1999	43.11	2046	45.38	2091	47.49
10397	6400	1713	32.03	1767	34.16	1819	36.27	1870	38.45	1920	40.65	1968	42.85	2014	45.04	2061	47.38	2106	49.57
10722	6600	1732	33.73	1786	35.93	1838	38.12	1888	40.29	1937	42.57	1985	44.84	2031	47.18	2077	49.36	2122	51.69
11047	6800	1753	35.52	1805	37.76	1857	40.03	1907	42.20	1955	44.54	2003	46.58	2049	49.22	2094	51.55	2137	53.88

CFM	OV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3699	2400	1939	20.79	1990	22.20	2039	23.64	2087	25.10	2134	26.58	2179	28.08
4224	2600	1942	21.76	1991	23.12	2039	24.49	2087	25.98	2134	27.50	2180	29.04
4549	2800	1947	22.83	1996	24.25	2044	25.68	2090	27.12	2136	28.59	2180	30.06
4874	3000	1951	23.91	2000	25.38	2048	26.87	2094	28.37	2140	29.88	2185	31.41
5199	3200	1957	25.09	2005	26.54	2052	28.07	2099	29.62	2144	31.19	2189	32.78
5523	3400	1964	26.37	2012	27.88	2058	29.41	2104	30.94	2149	32.51		
5848	3600	1971	27.67	2019	29.24	2066	30.83	2111	32.42	2156	34.03		
6173	3800	1979	29.08	2026	30.62	2073	32.27	2119	33.92	2163	35.59		
6498	4000	1989	30.36	2036	32.04	2081	33.73	2126	35.44	2170	37.17		
6823	4200	1999	31.76	2046	33.49	2091	35.24	2135	37.00	2178	38.77		
7148	4400	2010	33.22	2056	34.97	2101	36.70	2145	38.60	2189	40.43		
7473	4600	2023	34.79	2068	36.58	2112	38.37	2155	40.23				
7798	4800	2035	36.39	2080	38.24	2124	40.10	2167	41.98				
8123	5000	2048	38.03	2093	39.95	2137	41.87	2180	43.68				
8448	5200	2061	39.70	2106	41.68	2149	43.67	2192	45.67				
8773	5400	2075	41.57	2119	43.48	2162	45.51						
9090	5600	2090	43.52	2133	45.58	2176	47.48						
9423	5800	2105	45.53	2148	47.57	2191	49.62						
9740	6000	2129	47.58	2163	49.70								
10072	6200	2135	49.58	2179	51.87								

194H INDUSTRIAL EXHAUSTER

Wheel Dia. 33

Inlet Dia. 19 1/8

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1736

■ H.D. Wheel & H.D. Shaft 1967

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2022	1400	438	8.68	584	1.28	782	1.96	884	2.69	896	3.48	979	4.32	1057	5.25	1138	6.24	1198	7.27
3225	1600	452	8.81	595	1.47	710	2.28	818	2.99	980	3.81	983	4.71	1059	5.64	1138	6.61	1198	7.68
3620	1800	468	8.96	680	1.69	728	2.47	818	3.31	986	4.28	987	5.17	1063	6.10	1134	7.13	1200	8.18
4031	2000	484	1.14	621	1.94	731	2.76	827	3.65	914	4.68	994	5.59	1068	6.61	1138	7.65	1204	8.77
4435	2200	502	1.34	635	2.20	744	3.09	838	4.04	923	5.02	1001	6.07	1075	7.15	1144	8.26	1209	9.39
4638	2400	522	1.57	658	2.49	757	3.46	858	4.44	934	5.49	1018	6.58	1083	7.72	1158	8.89	1215	10.09
5241	2600	541	1.82	665	2.81	771	3.85	863	4.91	945	5.99	1021	7.14	1092	8.31	1159	9.55	1222	10.81
5644	2800	562	2.10	682	3.18	785	4.27	876	5.40	958	6.54	1033	7.73	1103	8.97	1168	10.23	1231	11.56
6047	3000	583	2.41	700	3.57	801	4.72	890	5.92	971	7.14	1045	8.36	1114	9.65	1179	10.98	1240	12.33
6451	3200	605	2.76	719	4.00	817	5.21	904	6.47	985	7.77	1058	9.07	1126	10.37	1190	11.77	1252	13.18
6854	3400	626	3.15	738	4.46	833	5.75	928	7.07	998	8.43	1071	9.81	1139	11.19	1202	12.57	1263	14.07
7257	3600	648	3.58	758	4.95	858	6.33	935	7.70	1013	9.13	1085	10.59	1152	12.05	1215	13.51	1274	14.98
7660	3800	671	4.04	778	5.47	869	6.95	952	8.39	1028	9.88	1099	11.39	1166	12.93	1229	14.48	1288	16.02
8063	4000	693	4.55	798	6.05	888	7.61	968	9.13	1044	10.67	1114	12.25	1180	13.86	1242	15.48	1301	17.11
8466	4200	716	5.11	820	6.66	908	8.32	986	9.91	1060	11.52	1129	13.16	1194	14.82	1256	16.52	1315	18.23
8870	4400	739	5.71	841	7.36	927	9.06	1005	10.75	1077	12.42	1145	14.11	1209	15.85	1270	17.61	1328	19.39
9273	4600	762	6.37	863	8.09	947	9.84	1024	11.64	1094	13.38	1161	15.13	1225	16.93	1284	18.74	1342	20.60
9676	4800	786	7.08	885	8.88	967	10.67	1043	12.57	1112	14.39	1178	16.22	1240	18.05	1300	19.95	1356	21.84
10079	5000	810	7.84	907	9.72	989	11.58	1063	13.54	1131	15.46	1195	17.36	1257	19.26	1316	21.28	1372	23.18
10482	5200	834	8.65	929	10.61	1010	12.55	1083	14.56	1150	16.59	1212	18.56	1274	20.54	1331	22.51	1387	24.57
10886	5400	859	9.54	951	11.56	1032	13.58	1103	15.62	1170	17.77	1231	19.82	1290	21.87	1348	23.93	1403	26.00
11289	5600	883	10.49	974	12.58	1054	14.67	1123	16.77	1189	18.98	1251	21.15	1308	23.26	1365	25.48	1419	27.53
11692	5800	908	11.49	997	13.66	1075	15.83	1144	18.00	1209	20.25	1270	22.54	1327	24.73	1382	26.93	1436	29.15
12095	6000	933	12.57	1019	14.81	1097	17.06	1166	19.38	1229	21.58	1289	23.97	1346	26.27	1400	28.53	1453	30.82
12498	6200	958	13.72	1042	16.02	1119	18.35	1188	20.66	1249	22.98	1309	25.44	1365	27.67	1419	30.22	1470	32.56

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4031	2000	1267	9.92	1327	11.09	1385	12.30	1440	13.57	1494	14.92	1547	16.30	1597	17.72	1647	19.16	1694	20.64
4435	2200	1271	10.57	1331	11.81	1388	13.07	1443	14.36	1496	15.67	1547	17.01	1598	18.46	1647	19.95	1694	21.47
4838	2400	1277	11.32	1335	12.56	1392	13.86	1447	15.21	1500	16.58	1551	17.98	1600	19.40	1648	20.84	1695	22.30
5241	2600	1284	12.10	1342	13.41	1398	14.74	1451	16.89	1504	17.50	1555	18.96	1604	20.44	1652	21.94	1699	23.46
5644	2800	1291	12.90	1349	14.28	1404	15.68	1458	17.89	1511	18.53	1559	19.98	1608	21.49	1656	23.05	1702	24.64
6047	3000	1300	13.74	1357	15.17	1411	16.63	1465	18.12	1516	19.62	1566	21.14	1614	22.68	1661	24.23	1706	25.82
6451	3200	1310	14.61	1366	16.18	1420	17.62	1472	19.17	1523	20.73	1572	22.32	1621	23.93	1667	25.55	1713	27.19
6854	3400	1321	15.57	1376	17.09	1429	18.64	1481	20.25	1531	21.88	1580	23.52	1627	25.19	1674	26.89	1719	28.59
7257	3600	1332	16.55	1387	18.14	1440	19.75	1490	21.37	1540	23.06	1589	24.77	1636	26.50	1681	28.25	1726	30.02
7660	3800	1344	17.57	1399	19.23	1451	20.91	1502	22.68	1550	24.30	1598	26.04	1645	27.84	1690	29.65	1734	31.48
8063	4000	1357	18.73	1410	20.35	1463	22.18	1513	23.86	1562	25.64	1609	27.42	1654	29.22	1699	31.09	1743	32.99
8466	4200	1370	19.93	1424	21.64	1474	23.35	1524	25.16	1573	27.01	1620	28.07	1665	30.74	1709	32.62	1752	34.52
8870	4400	1384	21.18	1437	22.96	1480	24.75	1536	26.54	1584	28.41	1631	30.34	1676	32.29	1720	34.24	1763	36.28
9273	4600	1398	22.46	1451	24.33	1501	26.28	1550	28.06	1597	29.93	1643	31.86	1688	33.87	1732	35.98	1774	37.94
9676	4800	1411	23.79	1464	25.74	1515	27.69	1563	29.64	1610	31.58	1655	33.53	1699	35.58	1743	37.68	1786	39.71
10079	5000	1425	25.16	1478	27.19	1528	29.22	1577	31.25	1624	33.28	1669	35.31	1712	37.34	1755	39.37	1797	41.52
10482	5200	1440	26.62	1492	28.69	1542	30.81	1591	32.92	1637	35.03	1682	37.14	1726	39.25	1769	41.36	1809	43.47
10886	5400	1456	28.14	1507	30.27	1556	32.43	1604	34.63	1651	36.82	1696	39.01	1739	41.20	1782	43.39	1823	45.59
11289	5600	1472	29.71	1522	31.92	1570	34.13	1618	36.39	1665	38.66	1710	40.94	1753	43.21	1795	45.48	1836	47.76
11692	5800	1488	31.34	1538	33.64	1586	35.93	1632	38.21	1678	40.56	1723	42.91	1767	45.27	1809	47.62	1850	49.98
12095	6000	1504	33.11	1553	35.40	1602	37.78	1648	40.15	1692	42.51	1737	44.94	1780	47.38	1823	49.82	1863	52.25
12498	6200	1521	34.93	1570	37.29	1617	39.69	1663	42.14	1708	44.59	1751	47.03	1794	49.55	1836	52.07	1877	54.58
12895	6400	1538	36.82	1586	39.26	1633	41.69	1679	44.28	1724	46.73	1767	49.25	1808	51.77	1850	54.37	1891	56.97
13295	6600	1555	38.77	1603	41.38	1650	43.82	1695	46.31	1739	48.93	1782	51.54	1824	54.14	1864	56.73	1905	59.42
13700	6800	1574	40.83	1620	43.41	1667	46.01	1712	48.60	1755	51.19	1798	53.88	1835	56.57	1880	59.25	1919	61.93

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4030	2400	1741	23.90	1786	25.52	1830	27.17	1873	28.84	1915	30.55	1956	32.27
5241	2600	1744	25.01	1788	26.57	1831	28.16	1874	29.86	1916	31.61	1957	33.38
5644	2800	1748	26.24	1792	27.07	1835	29.51	1876	31.18	1917	32.86	1957	34.56
6047	3000	1751	27.49	1795	29.17	1838	30.88	1880	32.68	1921	34.35	1961	36.11
6451	3200	1757	28.84	1800	30.51	1842	32.26	1884	34.05	1925	35.85	1965	37.67
6854	3400	1763	30.31	1806	32.05	1848	33.08	1889	35.57	1929	37.36		
7257	3600	1770	31.81	1813	33.61	1854	35.43	1895	37.27	1935	39.12		
7660	3800	1777	33.33	1819	35.28	1861	37.09	1902	38.99	1942	40.91		
8063	4000	1786	34.90	1827	36.83	1868	38.77	1908	40.74	1948	42.72		
8466	4200	1795	36.50	1836	38.58	1877	40.51	1917	42.53	1956	44.57		
8873	4400	1805	38.10	1846	40.20	1896	42.28	1926	44.37	1965	46.47		
9278	4600	1816	39.58	1854	42.84	1906	44.11	1935	46.24				
9676	4800	1827	41.03	1868	45.36	1907	46.10	1946	48.25				
10079	5000	1838	43.71	1879	45.92	1918	48.13	1957	50.35				
10482	5200	1850	45.64	1890	47.91	1930	50.28						
10886	5400	1863	47.78	1902	49.98	1941	52.31						
11289	5600	1876	50.03	1915	52.30	1953	54.58						
11692	5800	1890	52.33	1929	54.60	1967	57.04						
12095	6000	1903	54.69	1942	57.12								
12498	6200	1917	57.10	1956	59.62								

214H INDUSTRIAL EXHAUSTER

Wheel Dia. 36 1/4

Inlet Dia. 21 1/8

American Fan Company

Maximum RPM at 70°F.

☐ Std. Wheel & Std. Shaft 1570

☐ H.D. Wheel & H.D. Shaft 1779

HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1452	1400	396	8.83	528	1.56	635	2.48	727	3.29	810	4.26	885	5.28	955	6.42	1021	7.63	1083	8.89
1452	1600	489	8.99	538	1.80	642	2.70	733	3.66	813	4.67	888	5.76	957	6.90	1021	8.88	1083	9.40
1452	1800	423	1.18	549	2.07	651	3.02	739	4.05	819	5.14	893	6.27	961	7.46	1025	8.72	1085	10.01
1452	2000	438	1.40	562	2.37	661	3.38	748	4.47	826	5.63	898	6.84	966	8.08	1028	9.36	1089	10.73
1452	2200	454	1.64	574	2.69	673	3.78	758	4.94	834	6.15	905	7.43	972	8.75	1034	10.11	1093	11.49
5918	2400	472	1.92	588	3.05	685	4.23	768	5.43	844	6.72	914	8.05	979	9.45	1040	10.00	1099	12.35
5918	2600	489	2.23	602	3.44	697	4.71	780	6.00	854	7.33	923	8.73	987	10.17	1048	11.60	1105	13.22
5918	2800	500	2.56	617	3.80	710	5.22	792	6.61	866	8.00	934	9.45	997	10.97	1056	12.51	1113	14.14
7390	3000	527	2.95	633	4.36	724	5.78	805	7.25	876	8.74	944	10.23	1007	11.81	1066	13.44	1121	15.08
7091	3200	547	3.38	650	4.89	738	6.37	817	7.92	890	9.51	956	11.10	1016	12.69	1075	14.39	1132	16.13
8385	3400	566	3.85	667	5.46	753	7.04	831	8.65	903	10.31	969	12.00	1030	13.69	1087	15.38	1142	17.21
8878	3600	586	4.38	685	6.05	769	7.74	846	9.43	915	11.16	981	12.95	1042	14.74	1099	16.52	1152	18.32
9371	3800	606	4.95	703	6.78	786	8.50	860	10.27	930	12.08	994	13.94	1054	15.82	1111	17.71	1164	19.60
9864	4000	627	5.57	722	7.40	803	9.32	876	11.17	944	13.05	1007	14.98	1067	16.95	1123	18.94	1176	20.93
10358	4200	647	6.25	741	8.17	821	10.10	891	12.13	956	14.09	1021	16.18	1079	18.13	1136	20.22	1189	22.30
10851	4400	668	6.99	761	9.00	838	11.00	908	13.15	973	15.20	1035	17.26	1093	19.39	1148	21.54	1201	23.72
11344	4600	689	7.79	780	9.89	856	12.03	926	14.24	985	16.37	1050	18.51	1107	20.71	1161	22.93	1214	25.20
11837	4800	711	8.66	800	10.86	875	13.05	943	15.38	1005	17.61	1065	19.84	1121	22.08	1175	24.41	1226	26.72
12331	5000	732	9.60	820	11.89	894	14.17	961	16.56	1022	18.92	1080	21.23	1136	23.57	1189	25.94	1240	28.36
12824	5200	754	10.60	840	12.90	913	15.36	979	17.83	1040	20.30	1096	22.70	1151	25.13	1204	27.54	1254	30.05
13317	5400	776	11.68	860	14.14	933	16.61	997	19.11	1057	21.74	1113	24.25	1167	26.75	1219	29.28	1269	31.81
13810	5600	798	12.83	880	15.39	953	17.94	1015	20.51	1075	23.22	1131	25.87	1183	28.46	1234	31.08	1283	33.68
14304	5800	821	14.06	901	16.71	972	19.37	1035	22.02	1093	24.78	1148	27.57	1200	30.26	1249	32.94	1298	35.66
14797	6000	843	15.38	922	18.12	992	20.87	1054	23.63	1111	26.40	1166	29.32	1217	32.14	1265	34.90	1313	37.71
15290	6200	866	16.79	942	19.60	1012	22.45	1074	25.27	1129	28.11	1184	31.13	1235	34.09	1283	36.97	1329	39.83

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4932	2800	1146	12.13	1200	13.57	1252	15.04	1302	16.60	1351	18.25	1399	19.94	1444	21.68	1489	23.44	1532	25.25
5425	2200	1149	12.94	1203	14.45	1255	15.99	1305	17.57	1353	19.17	1399	20.81	1445	22.58	1489	24.40	1532	26.26
5918	2400	1155	13.84	1207	15.36	1259	16.96	1308	18.61	1356	20.29	1402	22.00	1447	23.73	1490	25.49	1532	27.28
6412	2600	1168	14.80	1213	16.41	1264	18.03	1312	19.68	1360	21.41	1406	23.19	1450	25.01	1494	26.84	1536	28.71
6905	2800	1167	15.79	1219	17.47	1270	19.18	1318	20.91	1365	22.67	1418	24.44	1454	26.29	1497	28.20	1539	30.14
7398	3000	1175	16.81	1227	18.56	1276	20.34	1324	22.16	1371	24.00	1416	25.86	1459	27.75	1501	29.65	1543	31.59
7891	3200	1184	17.88	1235	19.78	1284	21.56	1331	23.45	1377	25.36	1422	27.31	1465	29.27	1507	31.26	1548	33.26
8385	3400	1194	19.05	1244	20.91	1292	22.80	1339	24.77	1385	26.77	1428	28.78	1471	30.82	1513	32.89	1554	34.98
8878	3600	1204	20.25	1254	22.28	1302	24.16	1348	26.14	1393	28.21	1436	30.30	1479	32.42	1520	34.55	1560	36.72
9371	3800	1215	21.49	1265	23.53	1312	25.58	1358	27.65	1402	29.73	1445	31.86	1487	34.06	1528	36.28	1568	38.52
9864	4000	1227	22.91	1275	24.90	1322	27.04	1368	29.19	1412	31.36	1454	33.55	1495	35.75	1536	38.03	1576	40.36
10358	4200	1239	24.39	1287	26.47	1333	28.56	1378	30.78	1422	33.04	1464	35.31	1505	37.60	1545	39.90	1584	42.23
10851	4400	1251	25.91	1299	28.09	1345	30.28	1389	32.46	1432	34.76	1475	37.12	1516	39.50	1555	41.89	1594	44.29
11344	4600	1264	27.48	1311	29.77	1357	32.05	1401	34.33	1444	36.62	1485	38.97	1526	41.44	1566	43.92	1604	46.41
11837	4800	1276	29.11	1324	31.49	1369	33.87	1413	36.26	1456	38.64	1497	41.02	1536	43.43	1576	46.00	1614	48.58
12331	5000	1289	30.78	1336	33.27	1382	35.75	1426	38.23	1468	40.72	1509	43.20	1548	45.68	1587	48.17	1625	50.79
12824	5200	1302	32.56	1349	35.10	1394	37.69	1438	40.27	1480	42.85	1521	45.43	1560	48.01	1599	50.60	1636	53.18
13317	5400	1316	34.42	1362	37.03	1407	39.68	1450	42.36	1493	45.05	1533	47.73	1573	50.41	1611	53.09	1648	55.77
13810	5600	1331	36.35	1376	39.06	1420	41.75	1463	44.52	1505	47.30	1546	50.08	1585	52.86	1623	55.64	1660	58.42
14304	5800	1345	38.35	1390	41.15	1434	43.95	1476	46.75	1518	49.62	1558	52.50	1597	55.38	1635	58.26	1672	61.14
14797	6000	1360	40.50	1405	43.31	1448	46.22	1490	49.11	1530	52.00	1571	54.98	1610	57.97	1648	60.95	1685	63.92
15290	6200	1375	42.73	1419	45.62	1462	48.56	1504	51.56	1544	54.55	1583	57.53	1622	60.62	1660	63.70	1697	66.78
15783	6400	1390	45.04	1434	48.83	1477	51.00	1518	54.07	1558	57.16	1597	60.25	1635	63.33	1673	66.52	1710	69.70
16277	6600	1406	47.43	1450	50.53	1492	53.60	1532	56.66	1572	59.86	1611	63.05	1649	66.23	1685	69.41	1722	72.69
16770	6800	1423	49.95	1465	53.10	1507	56.29	1547	59.45	1587	62.63	1625	65.92	1663	69.21	1699	72.49	1735	75.76

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5918	2400	1574	29.23	1615	31.22	1655	33.24	1694	35.29	1732	37.37	1769	39.48
6412	2600	1577	30.59	1616	32.51	1655	34.44	1694	36.53	1732	38.67	1769	40.84
6905	2800	1580	32.11	1620	34.09	1659	36.10	1697	38.14	1734	40.28	1770	42.28
7398	3000	1584	33.63	1623	35.69	1662	37.78	1700	39.89	1737	42.02	1773	44.17
7891	3200	1588	35.28	1627	37.32	1666	39.47	1703	41.65	1740	43.86	1777	46.09
8385	3400	1594	37.09	1633	39.21	1671	41.35	1708	43.51	1744	45.71		
8878	3600	1600	38.91	1639	41.12	1677	43.35	1714	45.59	1750	47.05		
9371	3800	1606	40.77	1645	43.06	1683	45.37	1720	47.78	1756	50.04		
9864	4000	1614	42.70	1652	45.05	1689	47.43	1725	49.03	1762	52.26		
10358	4200	1623	44.66	1660	47.10	1697	49.56	1733	52.03	1768	54.52		
10851	4400	1632	46.71	1669	49.18	1705	51.72	1741	54.28	1776	56.85		
11344	4600	1642	48.92	1678	51.43	1714	53.96	1749	56.56				
11837	4800	1652	51.17	1688	53.78	1724	56.39	1759	59.02				
12331	5000	1662	53.48	1699	56.17	1734	58.08	1769	61.60				
12824	5200	1673	55.83	1709	58.62	1745	61.41	1779	64.22				
13317	5400	1684	58.45	1719	61.14	1755	64.00						
13810	5600	1696	61.20	1732	63.90	1766	66.77						
14304	5800	1709	64.02	1744	66.90	1778	69.70						
14797	6000	1721	66.90	1756	69.00								
15290	6200	1733	69.00	1768	72.00								

234H INDUSTRIAL EXHAUSTER

Wheel Dia. 40

Inlet Dia. 23 1/2

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1432

■ H.D. Wheel & H.D. Shaft 1622

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4146	1400	362	8.99	482	1.88	579	2.88	663	3.95	739	5.12	807	6.35	872	7.72	932	9.16	988	10.68
4739	1600	373	1.19	491	2.16	586	3.24	669	4.39	742	5.68	811	6.92	874	8.29	932	9.71	989	11.29
5331	1800	386	1.41	501	2.48	594	3.63	675	4.87	748	6.17	814	7.53	877	8.96	935	10.47	990	12.82
5923	2000	400	1.68	512	2.84	603	4.86	682	5.37	754	6.76	820	8.21	881	9.71	938	11.24	993	12.69
6516	2200	414	1.97	524	3.23	614	4.55	692	5.93	761	7.38	826	8.92	887	10.51	944	12.14	997	13.60
7108	2400	438	2.31	536	3.66	625	5.89	701	6.52	770	8.07	834	9.67	893	11.35	949	13.87	1003	14.83
7700	2600	447	2.67	549	4.13	636	5.66	712	7.21	780	8.80	843	10.49	901	12.22	956	14.83	1008	15.88
8293	2800	463	3.08	563	4.67	648	6.27	723	7.94	790	9.61	852	11.35	910	13.18	964	15.83	1016	16.98
8885	3000	481	3.54	577	5.24	661	6.94	734	8.78	801	10.49	862	12.20	919	14.18	973	16.14	1023	18.11
9478	3200	499	4.06	593	5.87	674	7.66	746	9.51	812	11.42	873	13.33	929	15.24	982	17.29	1033	19.37
10070	3400	517	4.63	609	6.55	688	8.45	759	10.39	824	12.39	884	14.42	940	16.44	992	18.47	1042	20.67
10662	3600	535	5.25	625	7.27	701	9.29	772	11.32	835	13.41	895	15.55	951	17.70	1003	19.85	1051	22.00
11255	3800	553	5.94	642	8.04	717	10.21	785	12.33	848	14.51	907	16.74	962	19.00	1014	21.27	1062	23.54
11847	4000	572	6.69	659	8.89	733	11.19	799	13.42	861	15.67	919	17.99	973	20.36	1025	22.75	1073	25.13
12439	4200	591	7.51	676	9.82	749	12.22	813	14.56	875	16.92	932	19.33	985	21.77	1036	24.28	1085	26.78
13032	4400	610	8.39	694	10.81	765	13.31	829	15.88	888	18.25	945	20.73	997	23.28	1048	25.87	1096	28.49
13624	4600	629	9.35	712	11.88	781	14.45	845	17.21	902	19.65	958	22.23	1010	24.87	1060	27.54	1107	30.26
14217	4800	649	10.40	730	13.04	798	15.67	861	18.47	917	21.14	972	23.83	1023	26.52	1072	29.31	1119	32.09
14809	5000	668	11.52	748	14.27	816	17.02	877	19.89	933	22.72	986	25.58	1037	28.30	1085	31.15	1132	34.05
15401	5200	688	12.73	766	15.59	833	18.44	893	21.39	949	24.38	1000	27.26	1051	30.18	1098	33.08	1145	36.09
15994	5400	708	14.02	785	16.99	851	19.95	910	22.96	965	26.11	1016	29.13	1065	32.13	1112	35.16	1158	38.20
16586	5600	729	15.41	803	18.49	869	21.55	927	24.63	981	27.89	1032	31.07	1079	34.18	1126	37.32	1171	40.45
17179	5800	749	16.89	822	20.07	887	23.26	944	26.45	997	29.76	1048	33.11	1095	36.34	1140	39.56	1185	42.82
17771	6000	770	18.47	841	21.76	905	25.06	962	28.35	1014	31.71	1064	35.21	1111	38.68	1155	41.92	1199	45.28
18363	6200	790	20.16	860	23.53	923	26.96	980	30.35	1031	33.76	1080	37.38	1127	40.94	1170	44.39	1212	47.83

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5923	2000	1845	14.57	1895	16.30	1142	18.07	1188	19.94	1233	21.92	1276	23.95	1318	26.03	1358	28.15	1398	30.32
6516	2200	1849	15.54	1898	17.35	1145	19.21	1191	21.18	1234	23.03	1276	24.99	1318	27.12	1359	29.31	1398	31.54
7108	2400	1853	16.63	1182	18.45	1149	20.36	1194	22.35	1238	24.36	1280	26.42	1320	28.58	1360	30.62	1398	32.77
7700	2600	1859	17.78	1187	19.70	1153	21.66	1197	23.64	1241	25.71	1283	27.86	1324	30.83	1363	32.24	1401	34.46
8293	2800	1865	18.96	1113	20.98	1159	23.03	1203	25.12	1245	27.22	1286	29.36	1327	31.57	1366	33.87	1405	36.28
8885	3000	1872	20.18	1119	22.30	1164	24.43	1208	26.62	1251	28.83	1292	31.86	1332	33.32	1370	35.60	1408	37.94
9478	3200	1880	21.47	1127	23.65	1172	25.89	1215	28.16	1256	30.46	1297	32.79	1337	35.15	1375	37.54	1413	39.95
10070	3400	1890	22.88	1135	25.11	1179	27.39	1222	29.75	1263	32.15	1303	34.56	1342	37.01	1380	39.50	1418	42.01
10662	3600	1899	24.32	1145	26.66	1188	28.92	1230	31.39	1271	33.88	1311	36.39	1349	38.93	1387	41.58	1424	44.18
11255	3800	1188	25.81	1154	28.26	1197	30.72	1239	33.28	1279	35.78	1318	38.26	1357	40.98	1394	43.57	1438	46.26
11847	4000	1119	27.52	1163	29.91	1207	32.47	1248	35.86	1288	37.67	1327	40.29	1364	42.93	1402	45.68	1438	48.47
12439	4200	1131	29.29	1174	31.79	1216	34.38	1258	38.96	1298	39.68	1336	42.41	1374	45.16	1412	47.92	1445	50.72
13032	4400	1142	31.12	1186	33.74	1227	36.36	1268	40.99	1307	41.74	1346	44.58	1383	47.44	1419	50.31	1455	53.19
13624	4600	1153	33.00	1197	35.75	1238	38.49	1279	43.23	1317	43.98	1355	46.81	1392	49.77	1429	52.75	1464	55.74
14217	4800	1164	34.96	1208	37.82	1250	40.68	1290	43.54	1328	46.48	1366	49.27	1402	52.15	1438	55.24	1473	58.34
14809	5000	1176	36.97	1219	39.95	1261	42.94	1301	45.92	1339	48.90	1377	51.88	1413	54.86	1448	57.85	1483	61.00
15401	5200	1188	39.11	1231	42.16	1272	45.25	1312	48.36	1351	51.46	1388	54.56	1424	57.66	1459	60.77	1493	63.87
15994	5400	1201	41.34	1243	44.47	1284	47.65	1324	50.88	1362	54.18	1399	57.32	1435	60.54	1470	63.76	1504	66.98
16586	5600	1214	43.65	1256	46.91	1296	50.15	1335	53.46	1373	56.81	1410	60.15	1446	63.49	1481	66.82	1515	70.16
17179	5800	1227	46.05	1269	49.42	1308	52.79	1347	56.14	1385	59.59	1422	63.05	1458	66.51	1492	69.97	1526	73.43
17771	6000	1241	48.64	1282	52.82	1321	55.51	1359	58.99	1396	62.46	1433	66.03	1469	69.61	1504	73.19	1537	76.77
18363	6200	1255	51.32	1295	54.78	1334	58.31	1372	61.92	1409	65.51	1445	69.09	1480	72.80	1515	76.58	1549	80.28
18956	6400	1269	54.09	1309	57.68	1348	61.25	1385	64.94	1422	68.65	1457	72.36	1492	76.86	1526	79.88	1568	83.71
19548	6600	1283	56.96	1323	60.68	1361	64.38	1398	68.04	1435	71.89	1470	75.72	1505	79.54	1538	83.36	1571	87.38
20140	6800	1298	59.99	1337	63.77	1375	67.68	1412	71.48	1448	75.21	1483	79.17	1517	83.12	1551	87.06	1583	90.99

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7108	2400	1436	35.11	1474	37.49	1518	39.92	1545	42.38	1580	44.88	1614	47.42
7700	2600	1439	36.74	1475	39.84	1518	41.37	1546	43.87	1582	46.44	1614	49.05
8293	2800	1442	38.56	1478	40.94	1513	43.36	1548	45.80	1582	48.28	1615	50.77
8885	3000	1445	40.39	1481	42.86	1517	45.37	1551	47.90	1585	50.47	1618	53.05
9478	3200	1449	42.37	1485	44.83	1520	47.40	1554	50.02	1588	52.67	1621	55.35
10070	3400	1455	44.54	1490	47.89	1525	49.66	1558	52.26	1591	54.90		
10662	3600	1460	46.73	1495	49.39	1530	52.06	1564	54.76	1597	57.47		
11255	3800	1466	48.97	1501	51.71	1535	54.49	1569	57.29	1602	60.18		
11847	4000	1473	51.28	1508	54.11	1541	56.96	1575	59.85	1607	62.77		
12439	4200	1481	53.63	1515	56.56	1549	59.52	1581	62.49	1613	65.48		
13032	4400	1489	56.09	1523	59.06	1556	62.11	1589	65.19	1621	68.20		
13624	4600	1498	58.75	1531	61.77	1564	64.81	1596	67.93				
14217	4800	1507	61.46	1541	64.56	1573	67.73	1605	70.89				
14809	5000	1517	64.22	1550	67.46	1583	70.71	1614	73.90				
15401	5200	1526	67.05	1559	70.48	1592	73.75						
15994	5400	1537	70.28	1569	73.43	1601	76.06						
16586	5600	1548	73.58	1580	76.84	1611	80.19						
17179	5800	1558	76.89	1591	80.34	1622	83.00						
17771	6000	1570	80.35	1602	83.93								
18363	6200	1581	83.89	1613	87.59								

26AH INDUSTRIAL EXHAUSTER

Wheel Dia. 45 1/2"

Inlet Dia. 26 1/2"

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1269

■ H.D. Wheel & H.D. Shaft 1438

**HIGHER SPEEDS REQUIRE
SPECIAL CONSTRUCTION**

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5277	1400	320	1.26	427	2.39	514	3.66	588	5.02	655	6.51	716	8.08	773	9.82	826	11.66	876	13.59
6031	1600	331	1.51	435	2.75	519	4.12	593	5.59	658	7.13	719	8.81	774	10.55	826	12.36	876	14.37
6785	1800	342	1.80	444	3.16	527	4.62	598	6.19	663	7.86	722	9.58	777	11.40	829	13.32	878	15.30
7539	2000	354	2.13	454	3.62	535	5.17	605	6.83	668	8.61	727	10.45	781	12.35	832	14.31	881	16.40
8292	2200	367	2.51	464	4.11	544	5.78	613	7.55	675	9.40	732	11.36	786	13.38	837	15.45	884	17.57
9046	2400	381	2.94	475	4.66	554	6.47	621	8.30	683	10.27	739	12.30	792	14.44	841	16.63	889	18.87
9800	2600	396	3.40	487	5.26	564	7.20	631	9.17	691	11.20	747	13.35	798	15.55	848	17.86	894	20.21
10554	2800	411	3.92	499	5.94	574	7.98	641	10.18	700	12.22	755	14.45	805	16.77	854	19.13	900	21.61
11308	3000	426	4.51	512	6.67	586	8.83	651	11.07	710	13.35	764	15.63	815	18.85	862	20.54	907	23.05
12062	3200	442	5.16	526	7.47	597	9.74	661	12.10	720	14.53	774	16.96	823	19.39	871	22.00	915	24.65
12816	3400	458	5.89	540	8.34	609	10.75	673	13.22	730	15.77	784	18.35	833	20.93	879	23.51	924	26.30
13570	3600	474	6.69	554	9.25	622	11.83	684	14.41	740	17.06	794	19.79	843	22.52	889	25.26	932	28.00
14324	3800	490	7.56	569	10.24	636	12.99	696	15.70	752	18.47	804	21.38	853	24.19	899	27.07	942	29.95
15078	4000	507	8.52	584	11.31	650	14.24	708	17.08	763	19.94	814	22.90	863	25.91	908	28.95	952	31.98
15831	4200	524	9.56	600	12.49	664	15.56	721	18.53	775	21.53	826	24.60	873	27.71	919	30.90	961	34.09
16585	4400	540	10.68	615	13.76	678	16.93	735	20.18	787	23.23	837	26.38	884	29.63	929	32.92	971	36.26
17339	4600	557	11.90	631	15.12	693	18.39	749	21.76	800	25.01	849	28.30	896	31.65	939	35.04	982	38.51
18093	4800	575	13.23	647	16.60	707	19.95	763	23.51	813	26.91	861	30.33	907	33.75	951	37.30	992	40.84
18847	5000	592	14.67	663	18.17	723	21.66	777	25.32	827	28.92	874	32.46	919	36.02	962	39.65	1003	43.34
19601	5200	610	16.28	679	19.84	739	23.47	792	27.22	841	31.02	887	34.70	931	38.41	974	42.10	1015	45.93
20355	5400	628	17.85	696	21.62	755	25.39	806	29.22	855	33.23	901	37.07	944	40.89	986	44.75	1026	48.62
21109	5600	646	19.61	712	23.53	770	27.42	821	31.35	870	35.49	915	39.55	957	43.50	998	47.50	1038	51.46
21863	5800	664	21.49	729	25.55	786	29.60	837	33.66	884	37.87	929	42.14	970	46.25	1018	50.35	1050	54.50
22617	6000	682	23.51	745	27.69	802	31.89	853	36.08	899	40.35	943	44.81	984	49.12	1024	53.35	1062	57.63
23370	6200	701	25.65	762	29.95	818	34.31	868	38.63	913	42.96	957	47.50	999	52.11	1037	56.50	1075	60.87

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7539	2000	927	18.55	971	20.74	1013	22.99	1053	25.37	1093	27.90	1131	30.48	1168	33.13	1204	35.83	1239	38.59
8292	2200	930	19.77	973	22.08	1015	24.45	1056	26.85	1094	29.31	1132	31.80	1168	34.51	1204	37.38	1239	40.14
9046	2400	934	21.16	977	23.48	1018	25.92	1058	28.44	1097	31.01	1134	33.62	1170	36.27	1205	38.97	1239	41.70
9800	2600	939	22.62	981	25.07	1022	27.56	1061	30.00	1100	32.72	1137	35.45	1173	38.22	1208	41.03	1242	43.88
10554	2800	944	24.13	986	26.70	1027	29.31	1066	31.96	1104	34.65	1140	37.36	1176	40.18	1211	43.11	1245	46.07
11308	3000	951	25.69	992	28.37	1032	31.18	1071	33.88	1109	36.69	1145	39.53	1180	42.41	1214	45.31	1248	48.28
12062	3200	958	27.33	999	30.10	1039	32.95	1077	35.84	1114	38.76	1150	41.74	1185	44.74	1219	47.77	1252	50.84
12816	3400	966	29.11	1006	31.95	1045	34.85	1083	37.87	1120	40.91	1155	43.99	1190	47.11	1224	50.27	1257	53.46
13570	3600	974	30.95	1015	33.93	1053	36.93	1090	39.95	1127	43.11	1162	46.32	1196	49.55	1229	52.81	1262	56.13
14324	3800	983	32.85	1023	35.96	1061	39.10	1098	42.26	1134	45.44	1168	48.69	1203	52.06	1236	55.45	1268	58.87
15078	4000	992	35.02	1031	38.06	1070	41.32	1106	44.62	1142	47.94	1176	51.28	1210	54.64	1242	58.13	1275	61.60
15831	4200	1002	37.27	1041	40.46	1080	43.65	1115	47.04	1150	50.50	1185	53.97	1218	57.47	1250	60.99	1281	64.55
16585	4400	1012	39.60	1051	42.94	1090	46.28	1124	49.62	1159	53.12	1193	56.74	1226	60.37	1258	64.02	1289	67.70
17339	4600	1022	42.00	1061	45.49	1098	48.98	1133	52.48	1168	55.97	1201	59.57	1234	63.34	1266	67.13	1298	70.94
18093	4800	1032	44.49	1071	48.13	1108	51.77	1143	55.41	1177	59.06	1211	62.70	1243	66.30	1275	70.30	1306	74.25
18847	5000	1042	47.05	1081	50.85	1118	54.65	1153	58.44	1187	62.23	1220	66.03	1252	69.82	1283	73.62	1314	77.63
19601	5200	1053	49.77	1091	53.65	1128	57.60	1163	61.55	1197	65.50	1230	69.44	1262	73.39	1293	77.33	1323	81.29
20355	5400	1065	52.61	1102	56.59	1138	60.65	1173	64.75	1207	68.85	1240	72.95	1272	77.04	1303	81.14	1333	85.24
21109	5600	1076	55.56	1113	59.69	1148	63.82	1183	68.04	1217	72.30	1250	76.55	1282	80.00	1313	85.05	1343	89.29
21863	5800	1088	58.61	1125	62.90	1158	67.18	1194	71.45	1227	75.84	1260	80.24	1292	84.65	1323	89.05	1353	93.45
22617	6000	1100	61.91	1136	66.20	1171	70.64	1205	75.07	1239	79.48	1270	84.04	1302	88.60	1333	93.15	1363	97.70
23370	6200	1112	65.32	1148	69.72	1183	74.21	1216	78.00	1249	83.37	1281	87.93	1312	92.65	1343	97.36	1373	102.06
24124	6400	1125	68.84	1160	73.41	1194	77.95	1228	82.64	1260	87.37	1292	92.09	1322	96.00	1353	101.67	1383	106.53
24878	6600	1137	72.49	1172	77.23	1207	81.93	1240	86.60	1272	91.49	1303	96.36	1334	101.23	1363	106.08	1393	111.10
25632	6800	1151	76.34	1185	81.16	1219	86.03	1252	90.87	1283	95.72	1315	100.76	1345	105.78	1375	110.79	1403	115.79

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9046	2400	1273	44.68	1306	47.72	1338	50.08	1370	53.94	1401	57.12	1431	60.35
9800	2600	1275	46.76	1307	49.69	1339	52.65	1378	55.84	1401	59.11	1431	62.42
10554	2800	1278	49.07	1310	52.11	1342	55.18	1372	58.29	1402	61.44	1432	64.62
11308	3000	1281	51.40	1313	54.55	1344	57.74	1375	60.97	1405	64.23	1434	67.52
12062	3200	1285	53.93	1316	57.05	1347	60.32	1378	63.66	1408	67.03	1437	70.44
12816	3400	1289	56.68	1321	59.93	1351	63.21	1381	66.51	1411	69.06		
13570	3600	1294	59.48	1326	62.85	1356	66.26	1386	69.69	1415	73.14		
14324	3800	1299	62.32	1330	65.82	1361	69.35	1391	72.91	1420	76.49		
15078	4000	1306	65.26	1336	68.06	1366	72.49	1396	76.17	1425	79.88		
15831	4200	1313	68.25	1343	71.99	1373	75.74	1402	79.53	1439	83.34		
16585	4400	1320	71.39	1350	75.16	1379	79.05	1408	82.96	1437	86.90		
17339	4600	1328	74.76	1358	78.61	1386	82.48	1415	86.46				
10893	4400	1336	78.21	1366	82.20	1395	86.20	1423	90.21				
18047	5000	1344	81.74	1374	85.85	1403	89.99	1431	94.15				
19601	5200	1353	85.33	1382	89.59	1411	93.87						
20355	5400	1362	89.34	1391	93.45	1419	97.82						
21109	5600	1372	93.55	1401	97.90	1428	102.05						
21863	5800	1382	97.85	1410	102.25	1438	106.65						
22617	6000	1392	102.26	1420	106.81								
23370	6200	1402	106.77	1430	111.47								

294H INDUSTRIAL EXHAUSTER

Wheel Dia. 50 1/2

Inlet Dia. 29 1/2

American Fan Company

Maximum RPM at 70°F.

□ Std. Wheel & Std. Shaft 1134

■ H.D. Wheel & H.D. Shaft 1323

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	CV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6689	1400	286	1.58	382	2.99	459	4.59	525	6.29	585	8.16	648	10.12	691	12.38	738	14.61	783	17.82
7553	1600	295	1.89	389	3.44	464	5.16	530	7.00	588	8.93	642	11.83	692	13.21	738	15.47	783	17.99
8497	1800	306	2.26	397	3.95	478	5.78	534	7.76	592	9.84	645	12.80	694	14.28	741	16.69	784	19.17
9441	2000	316	2.67	406	4.53	478	6.47	540	8.55	597	10.78	649	13.89	698	15.47	743	17.92	787	20.54
10386	2200	320	3.15	415	5.15	486	7.24	548	9.45	603	11.77	654	14.22	702	16.75	747	19.35	790	22.08
11330	2400	341	3.68	425	5.84	495	8.11	555	10.39	610	12.87	660	15.41	707	18.09	752	20.83	794	23.64
12274	2600	354	4.26	435	6.59	504	9.82	564	11.49	618	14.03	667	16.72	713	19.47	757	22.37	799	25.31
13218	2800	367	4.91	446	7.44	513	9.99	573	12.65	626	15.31	675	18.18	721	21.00	763	23.95	805	27.06
14162	3000	381	5.65	457	8.35	523	11.86	582	13.87	635	16.72	683	19.57	728	22.61	771	25.72	811	28.87
15107	3200	395	6.47	470	9.36	534	12.28	591	15.15	643	18.28	691	21.24	735	24.28	778	27.55	818	30.87
16051	3400	409	7.38	482	10.44	545	13.47	601	16.56	652	19.74	700	22.98	744	26.21	785	29.45	825	32.94
16995	3600	424	8.38	495	11.59	556	14.81	611	18.04	662	21.37	709	24.79	753	28.21	794	31.63	833	35.87
17939	3800	508	12.82	568	16.27	622	19.66	672	23.13	718	26.68	762	30.29	803	33.90	841	37.51		
18883	4000	522	14.17	580	17.83	633	21.39	682	24.96	728	28.68	771	32.45	812	36.26	850	40.86		
19828	4200	536	15.65	593	19.48	644	23.21	693	26.97	738	30.81	780	34.76	821	38.70	859	42.69		
20772	4400	550	17.24	606	21.21	656	25.18	704	29.18	748	33.84	790	37.11	830	41.23	868	45.41		
21716	4600	564	18.94	619	23.04	669	27.25	715	31.33	759	35.44	800	39.64	839	43.69	877	48.23		
22660	4800	578	20.79	632	24.98	682	29.44	727	33.78	770	37.99	811	42.27	849	46.72	886	51.15		
23604	5000	593	22.75	646	27.13	694	31.71	739	36.22	781	40.65	821	45.11	860	49.46	896	54.54		
24549	5200	607	24.85	660	29.48	707	34.09	752	38.85	792	43.45	832	48.18	870	52.72	907	57.53		
25493	5400			674	31.88	720	36.59	764	41.61	805	46.42	843	51.21	881	56.84	917	60.89		
26437	5600			688	34.35	734	39.27	777	44.45	817	49.53	855	54.48	892	59.49	927	64.47		
27381	5800			703	37.07	748	42.16	790	47.43	830	52.78	867	57.92	903	63.86	938	68.26		
28325	6000			717	39.94	762	45.19	803	50.54	843	56.12	880	61.52	915	66.81	949	72.18		
29270	6200			731	42.97	776	48.38	816	53.81	855	59.59	892	65.26	927	70.76	968	76.24		

CFM	CV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9441	2000	828	23.23	867	25.98	905	28.79	943	31.77	977	34.94	1011	38.18	1044	41.49	1076	44.88	1107	48.33
10386	2200	831	24.76	870	27.66	907	30.62	943	33.63	978	36.71	1011	39.83	1044	43.22	1076	46.71	1107	50.28
11330	2400	834	26.58	873	29.41	910	32.46	946	35.62	980	38.83	1014	42.18	1046	45.43	1077	48.00	1107	52.23
12274	2600	839	28.33	877	31.40	913	34.52	948	37.68	983	40.98	1016	44.48	1048	47.87	1080	51.38	1110	54.95
13218	2800	844	30.22	881	33.44	918	36.71	953	40.83	986	43.39	1019	46.79	1051	50.33	1082	53.99	1112	57.79
14162	3000	849	32.17	887	35.54	922	38.94	957	42.43	991	45.95	1023	49.51	1055	53.11	1085	56.75	1115	60.47
15107	3200	856	34.23	893	37.70	928	41.27	962	44.88	995	48.55	1028	52.27	1059	56.03	1089	59.83	1119	63.67
16051	3400	863	36.46	899	40.02	934	43.65	968	47.42	1001	51.24	1032	55.89	1063	59.00	1094	62.96	1123	66.96
16995	3600	871	38.77	907	42.49	941	46.25	974	50.94	1007	53.99	1038	58.81	1069	62.06	1098	66.15	1128	70.29
17939	3800	878	41.14	914	45.04	948	48.96	981	52.92	1013	56.91	1044	60.99	1075	65.28	1104	69.44	1133	73.73
18883	4000	887	43.86	921	47.67	956	51.75	989	55.88	1020	60.04	1051	64.22	1081	68.43	1110	72.81	1139	77.25
19828	4200	896	46.68	930	50.67	963	54.67	996	58.92	1028	63.24	1058	67.60	1088	71.90	1117	76.38	1145	80.84
20772	4400	904	49.60	939	53.78	972	57.96	1004	62.15	1035	66.53	1066	71.06	1095	75.61	1124	80.18	1152	84.78
21716	4600	913	52.61	948	56.98	981	61.35	1013	65.72	1043	70.18	1073	74.60	1103	79.33	1132	84.07	1159	88.84
22660	4800	922	55.72	957	60.28	990	64.84	1022	69.48	1052	73.96	1082	78.53	1110	83.13	1139	88.85	1167	92.99
23604	5000	931	58.92	966	63.68	999	68.44	1030	73.19	1061	77.94	1090	82.69	1119	87.45	1147	92.21	1174	97.23
24549	5200	941	62.33	975	67.19	1008	72.14	1039	77.09	1070	82.03	1099	86.97	1128	91.91	1155	96.86	1182	101.80
25493	5400	951	65.90	984	70.88	1017	75.96	1048	80.09	1079	86.23	1108	91.36	1137	96.49	1164	101.62	1191	106.75
26437	5600	962	69.58	995	74.76	1026	79.93	1057	85.22	1088	90.55	1117	95.87	1146	101.19	1173	106.51	1200	111.83
27381	5800	972	73.40	1005	78.77	1036	84.13	1067	89.48	1097	94.90	1126	100.58	1154	106.01	1182	111.53	1209	117.04
28325	6000	983	77.53	1015	82.91	1047	88.47	1077	94.92	1106	99.55	1135	105.25	1163	110.96	1191	116.66	1218	122.37
29270	6200	994	81.80	1026	87.32	1057	92.95	1087	98.69	1116	104.42	1144	110.13	1173	116.03	1200	121.93	1227	127.83
30214	6400	1005	86.22	1037	92.94	1067	97.63	1097	103.50	1126	109.43	1154	115.34	1182	121.23	1209	127.33	1236	133.42
31158	6600	1016	90.79	1048	96.72	1078	102.61	1108	108.46	1137	114.58	1165	120.69	1192	126.78	1218	132.86	1245	139.15
32102	6800	1028	95.61	1059	101.65	1089	107.75	1118	113.80	1147	119.80	1175	126.19	1202	132.48	1228	138.76	1254	145.82

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11330	2400	1138	55.96	1167	59.76	1196	63.62	1224	67.55	1252	71.54	1278	75.58
12274	2600	1139	58.57	1168	62.23	1196	65.93	1224	69.93	1252	74.83	1279	78.18
13218	2800	1142	61.46	1171	65.26	1199	69.11	1226	73.81	1253	76.95	1279	80.93
14162	3000	1145	64.37	1173	68.32	1201	72.32	1229	76.36	1255	80.44	1282	84.56
15107	3200	1148	67.54	1176	71.45	1204	75.55	1231	79.73	1258	83.95	1284	88.22
16051	3400	1152	70.99	1180	75.06	1208	79.16	1234	83.29	1260	87.50	1287	91.91
16995	3600	1156	74.49	1184	78.72	1212	82.98	1239	87.28	1265	91.60	1290	95.96
17939	3800	1161	78.05	1189	82.43	1216	86.85	1243	91.31	1269	95.80	1294	100.32
18883	4000	1167	81.73	1194	86.24	1221	90.79	1247	95.40	1273	100.05	1299	104.73
19828	4200	1173	85.48	1200	90.16	1227	94.86	1253	99.60	1278	104.37	1303	109.19
20772	4400	1179	89.41	1206	94.14	1233	99.00	1258	103.90	1284	108.03	1309	113.80
21716	4600	1187	93.64	1213	98.45	1239	103.29	1264	108.28	1290	113.37	1315	118.49
22658	4800	1194	97.95	1220	102.94	1246	107.95	1271	112.99	1296	118.04	1321	123.26
23604	5000	1201	102.37	1228	107.53	1254	112.71	1279	117.91	1303	123.13		
24549	5200	1209	106.87	1235	112.21	1261	117.56	1286	122.93	1311	128.33		
25493	5400	1217	111.89	1243	117.83	1268	122.51	1293	128.85	1316	133.62		
26437	5600	1226	117.16	1252	122.48	1276	127.81	1301	133.26				
27381	5800	1235	122.55	1260	128.06	1285	133.50	1309	139.89				
28325	6000	1244	128.07	1269	133.77	1294	139.47	1318	145.18				
29270	6200	1253	133.72	1278	139.61	1303	145.58						

334H INDUSTRIAL EXHAUSTER

Wheel Dia. 57 1/2

Inlet Dia. 33 1/8

American Fan Company

Maximum RPM at 70 °F.

□ Std. Wheel & Std. Shaft 996

■ H.D. Wheel & H.D. Shaft 1162

HIGHER SPEEDS REQUIRE SPECIAL CONSTRUCTION

CFM	OV	1.00 SP		2.00 SP		3.00 SP		4.00 SP		5.00 SP		6.00 SP		7.00 SP		8.00 SP		9.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8568	1400	252	2.85	335	3.88	483	5.95	461	6.16	514	18.58	562	13.11	606	15.94	648	18.94	688	22.86
9792	1600	259	2.46	342	4.47	488	6.69	465	9.88	516	11.58	564	14.38	608	17.13	648	20.86	688	23.32
11816	1800	268	2.92	349	5.13	413	7.49	469	18.86	528	12.76	567	15.55	618	18.52	651	21.63	689	24.85
12240	2000	278	3.47	356	5.88	428	8.39	475	11.89	524	13.98	578	16.97	613	28.85	653	23.23	691	26.63
13465	2200	288	4.88	364	6.68	427	9.39	481	12.25	538	15.26	575	18.44	617	21.72	656	25.89	694	28.52
14689	2400	299	4.77	373	7.57	435	18.51	488	13.47	536	16.68	588	19.98	621	23.45	668	27.88	698	38.65
15913	2600	311	5.52	382	8.54	443	11.69	495	14.89	542	18.18	586	21.67	627	25.24	665	29.88	781	32.82
17137	2800	322	6.36	392	9.64	451	12.95	503	16.48	558	19.85	593	23.46	633	27.23	678	31.85	787	35.88
18361	3000	335	7.32	402	18.83	468	14.34	511	17.98	557	21.68	599	25.38	639	29.31	677	33.34	712	37.43
19585	3200	347	8.38	413	12.13	469	15.82	519	19.65	565	23.59	687	27.54	646	31.48	683	35.72	718	48.82
20809	3400	359	9.56	424	13.54	478	17.46	528	21.47	573	25.68	615	29.79	654	33.98	690	38.18	725	42.78
22033	3600	372	18.86	435	15.82	488	19.21	537	23.39	581	27.78	623	32.14	661	36.57	697	41.81	731	45.47
23257	3800	385	12.27	446	16.62	499	21.18	546	25.49	589	29.99	631	34.59	669	39.27	785	43.95	739	48.63
24481	4000	398	13.83	458	18.37	518	23.12	556	27.73	598	32.38	639	37.18	677	42.87	713	47.88	747	51.93
25706	4200	411	15.52	478	28.29	521	25.26	566	38.89	688	34.96	648	39.95	685	44.99	721	58.17	755	55.35
26930	4400	424	17.35	483	22.35	532	27.49	577	32.64	618	37.72	657	42.84	694	48.12	729	53.45	762	58.88
28154	4600	437	19.33	495	24.56	544	29.87	588	35.33	628	48.61	666	45.94	783	51.39	737	56.98	778	62.53
29378	4800	451	21.49	508	26.95	555	32.39	599	38.17	638	43.69	676	49.25	712	54.88	746	68.57	778	66.31
30602	5000	465	23.81	528	29.58	567	35.17	618	41.18	649	46.95	686	52.78	721	58.49	755	64.38	787	78.37
31826	5200	479	26.31	533	32.21	588	38.11	621	44.19	668	58.37	696	56.33	731	62.36	764	68.35	796	74.58
33050	5400	493	28.98	546	35.18	592	41.23	633	47.44	671	53.95	787	68.19	741	66.39	774	72.65	805	78.95
34274	5600	507	31.83	559	38.28	605	44.53	645	58.91	682	57.63	718	64.21	751	78.62	783	77.12	815	83.58
35498	5800	521	34.89	572	41.48	617	48.86	657	54.65	694	61.49	729	68.42	762	75.18	793	81.76	824	88.49
36722	6000	535	38.17	585	44.96	638	51.79	669	58.59	785	65.52	748	72.76	773	79.75	883	86.62	834	93.58
37946	6200	550	41.66	598	48.63	642	55.71	682	62.72	717	69.76	751	77.25	784	84.61	814	91.74	843	98.84

CFM	OV	10.00 SP		11.00 SP		12.00 SP		13.00 SP		14.00 SP		15.00 SP		16.00 SP		17.00 SP		18.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12240	2800	727	38.11	762	33.68	795	37.33	827	41.19	858	45.38	888	49.58	917	53.79	945	58.18	972	62.65
13465	2200	729	32.18	764	35.06	797	39.69	828	43.68	859	47.59	888	51.64	917	56.84	945	68.56	972	65.18
14689	2400	733	34.35	766	38.13	799	42.88	831	46.18	861	58.35	890	54.59	919	58.89	946	63.27	973	67.71
15913	2600	737	36.73	778	48.71	882	44.75	833	48.84	863	53.13	892	57.56	921	62.86	948	66.62	975	71.24
17137	2800	741	39.17	774	43.35	886	47.55	837	51.98	866	56.26	895	68.66	923	65.24	950	69.99	977	74.98
18361	3000	746	41.71	779	46.87	818	58.49	841	55.88	878	59.57	899	64.19	926	68.86	953	73.57	979	78.48
19585	3200	752	44.37	784	48.88	815	53.51	845	58.19	874	62.94	902	67.77	938	72.64	957	77.57	983	82.54
20809	3400	758	47.27	790	51.88	820	56.59	858	61.48	879	66.42	907	71.42	934	76.89	961	81.82	987	86.81
22033	3600	765	58.26	796	55.89	826	59.96	855	64.87	884	78.88	912	75.28	939	88.45	965	85.75	990	91.13
23257	3800	771	53.33	803	58.39	833	63.48	862	68.61	890	73.78	917	79.86	944	84.52	970	98.83	995	95.59
24481	4000	779	56.86	809	61.88	839	67.18	868	72.45	896	77.83	923	83.26	949	88.71	975	94.39	1000	108.15
25706	4200	787	68.52	817	65.78	846	78.88	875	76.38	903	81.99	938	87.64	966	93.31	981	99.82	1006	104.81
26930	4400	794	64.38	825	69.72	854	75.14	882	88.57	909	86.26	936	92.12	962	98.82	987	183.95	1012	189.92
28154	4600	802	68.28	832	73.87	862	79.54	889	85.28	916	98.88	943	96.72	969	182.84	994	188.99	1018	115.18
29378	4800	818	72.23	848	78.15	869	84.86	897	89.98	924	95.89	950	181.81	975	187.77	1000	114.35	1025	128.56
30602	5000	818	76.39	848	82.56	877	88.71	905	94.89	932	181.85	958	187.21	983	113.37	1007	119.54	1031	126.85
31826	5200	827	88.81	856	87.11	885	93.53	913	98.94	940	186.34	965	112.75	990	119.16	1015	125.57	1038	131.98
33050	5400	836	85.43	865	91.89	893	98.47	921	185.13	947	111.79	973	118.44	998	125.18	1023	131.75	1046	138.48
34274	5600	845	98.21	874	96.93	901	183.62	929	118.48	955	117.39	981	124.29	1006	131.19	1030	138.89	1054	144.99
35498	5800	854	95.16	883	182.12	918	189.88	937	116.81	963	123.14	989	138.29	1014	137.44	1038	144.59	1062	151.73
36722	6000	863	188.52	892	187.49	919	114.78	946	121.89	971	129.86	997	136.45	1022	143.85	1046	151.25	1069	158.64
37946	6200	873	186.85	901	113.28	928	128.58	955	127.95	980	135.37	1005	142.78	1030	158.43	1054	158.88	1077	165.72
39171	6400	883	111.78	911	119.28	937	126.57	964	134.18	989	141.86	1014	149.53	1038	157.17	1062	165.87	1085	172.97
40395	6600	892	117.78	928	125.39	947	133.83	973	148.61	998	148.55	1023	156.47	1047	164.36	1078	172.25	1093	188.39
41619	6800	903	123.96	938	131.78	957	139.69	982	147.54	1007	155.42	1032	163.68	1056	171.75	1079	179.89	1101	188.81

CFM	OV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP		24.00 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14689	2400	999	72.55	1025	77.47	1050	82.48	1075	87.57	1099	92.74	1123	97.99
15913	2600	1001	75.93	1026	80.67	1051	85.48	1075	90.66	1099	95.97	1123	101.35
17137	2800	1003	79.68	1028	84.61	1053	89.68	1077	94.65	1100	99.76	1123	104.92
18361	3000	1005	83.46	1030	88.58	1055	93.75	1079	98.99	1103	104.28	1126	109.63
19585	3200	1008	87.56	1033	92.63	1057	97.94	1081	103.36	1105	108.84	1128	114.38
20809	3400	1012	92.84	1037	97.31	1061	102.63	1084	107.99	1107	113.44	1130	119.16
22033	3600	1016	96.57	1040	102.85	1064	107.58	1088	113.15	1111	118.76	1133	124.41
23257	3800	1020	101.18	1044	106.86	1068	112.68	1092	118.38	1114	124.20	1137	138.86
24481	4000	1025	105.96	1049	111.81	1072	117.71	1095	123.67	1118	129.78	1141	135.77
25706	4200	1030	118.82	1054	116.88	1077	122.96	1100	129.13	1122	135.31	1144	141.56
26930	4400	1036	115.91	1059	122.84	1083	128.35	1105	134.78	1128	141.18	1149	147.53
28154	4600	1042	121.39	1065	127.64	1088	133.92	1111	140.38	1133	146.98	1155	153.62
29378	4800	1049	126.99	1072	133.64	1094	139.95	1117	146.48	1138	153.03	1168	159.81
30602	5000	1055	132.71	1078	139.48	1101	146.12	1123	152.86	1145	159.64		
31826	5200	1062	138.56	1085	145.47	1107	152.41	1130	159.37	1151	166.37		
33050	5400	1069	145.06	1091	151.73	1114	158.83	1136	166.82	1158	173.23		
34274	5600	1077	151.89	1099	158.79	1121	165.78	1143	172.79				
35498	5800	1085	158.08	1107	166.82	1129	173.17	1150	180.33				
36722	6000	1092	166.83	1115	173.42	1136	180.82	1158	188.21				
37946	6200	1100	173.36	1122	181.08	1144	188.64						

DIMENSIONAL DATA ARRANGEMENT 1

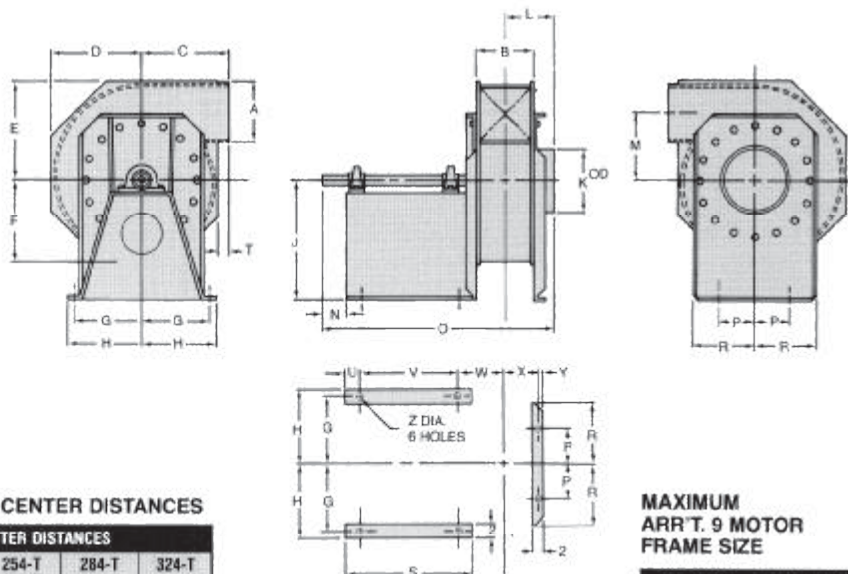
SIZES 7-21 DESIGN R

																										STANDARD DUTY		HEAVY DUTY	
Size	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z	Wheel Dia.	Shaft Dia.	Key way	Shaft Dia.	Key way
7	5 1/2	6 1/2	18	10 1/2	10 1/2	9 1/2	8	9	13	7 1/2	6 1/2	7 1/2	3 1/2	27 1/2	4	7 1/2	15	1 1/2	2	11	6 1/2	4 1/2	7 1/2	1 1/2	12 1/2	1 1/2	1/2 x 1/2	1 1/2	1/2 x 1/2
9	8 1/4	8 1/4	22 1/2	12 1/2	12 1/2	11 1/2	9 1/2	10 1/2	17	9 1/2	8 1/2	9 1/2	3 1/2	29 1/2	5	9 1/2	15	1 1/2	2	11	6 1/2	5 1/2	7 1/2	1 1/2	15 1/2	1 1/2	1/2 x 1/2	1 1/2	1/2 x 1/2
11	10	10	24 1/2	14 1/2	14 1/2	12 1/2	10 1/2	11 1/2	19	11 1/2	10 1/2	11 1/2	4	31 1/2	7	11 1/2	18	1 1/2	2	14	7 1/2	6 1/2	7 1/2	1 1/2	18 1/2	1 1/2	3/4 x 3/4	1 1/2	3/4 x 3/4
13	11 1/2	11 1/2	27 1/2	16 1/2	16 1/2	14 1/2	12 1/2	13 1/2	23	13 1/2	12 1/2	13 1/2	4	40 1/2	9	13 1/2	22	1 1/2	2	18	8 1/2	7 1/2	7 1/2	1 1/2	22 1/2	1 1/2	3/4 x 3/4	1 1/2	3/4 x 3/4
15	13 1/2	13 1/2	30 1/2	18 1/2	18 1/2	16 1/2	14 1/2	15 1/2	26	15 1/2	14 1/2	15 1/2	4 1/2	44 1/2	10	15	20 1/2	2	2	19 1/2	9	7 1/2	7 1/2	1 1/2	26 1/2	1 1/2	1 1/2 x 1 1/2	2 1/2	1 1/2 x 1 1/2
17	15 1/2	15 1/2	32 1/2	20 1/2	20 1/2	18 1/2	16 1/2	17 1/2	32	17 1/2	16 1/2	17 1/2	4 1/2	48 1/2	12	16 1/2	22 1/2	2	2	21 1/2	9 1/2	8 1/2	7 1/2	1 1/2	29 1/2	1 1/2	1 1/2 x 1 1/2	2 1/2	1 1/2 x 1 1/2
19	17 1/2	17 1/2	34 1/2	22 1/2	22 1/2	20 1/2	18 1/2	19 1/2	37	19 1/2	18 1/2	19 1/2	5	53	14	18 1/2	26	2	2	24	10 1/2	9 1/2	7 1/2	1 1/2	33	2 1/2	1 1/2 x 1 1/2	2 1/2	1 1/2 x 1 1/2
21	19 1/2	19 1/2	37 1/2	24 1/2	24 1/2	22 1/2	20 1/2	21 1/2	43	21 1/2	20 1/2	21 1/2	5	54 1/2	16	20 1/2	28	2	2	24	11 1/2	10 1/2	7 1/2	1 1/2	36 1/2	2 1/2	3/4 x 3/4	2 1/2	3/4 x 3/4

APPROXIMATE NET
SHIPPING WEIGHT
STANDARD DUTY
ARR.T. 1 & 9
LESS MOTOR—
LESS DRIVES

MODEL	ARR.T. 1	ARR.T. 9
7	130 Lbs.	140 Lbs.
9	190 Lbs.	200 Lbs.
11	330 Lbs.	345 Lbs.
13	380 Lbs.	395 Lbs.
15	525 Lbs.	540 Lbs.
17	720 Lbs.	740 Lbs.
19	840 Lbs.	860 Lbs.
21	995 Lbs.	1020 Lbs.

For Heavy Duty X 1.1



IE-7-21 ARR.T. 9 BELT CENTER DISTANCES

FAN SIZE	BELT CENTER DISTANCES					
	143-T 145-T	182-T 184-T	213-T 215-T	254-T 256-T	284-T 286-T	324-T 326-T
7	11 1/4	13	—	—	—	—
9	11 1/4	13 1/2	—	—	—	—
11	11 1/4	13 1/4	15 1/4	—	—	—
13	12 1/2	14 1/2	15 1/2	17 1/2*	—	—
15	12 1/2	14 1/2	16 1/2	18 1/2	19 1/2**	—
17	12 1/2	14 1/2	16 1/2	18 1/2	19 1/2**	—
19	15	16 1/4	18 1/2	20 1/2	21 1/2	23 1/2
21	15 1/4	17	18 1/2	20 1/2	21 1/2	23 1/4

*254-T MAXIMUM

**284-T MAXIMUM

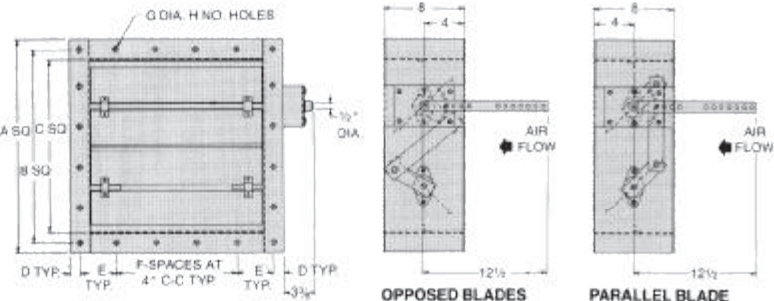
MAXIMUM
ARR.T. 9 MOTOR
FRAME SIZE

FAN SIZE	FRAME SIZE
7	184-T
9	184-T
11	215-T
13	254-T
15	284-T
17	284-T
19	326-T
21	326-T

OUTLET DAMPERS

SIZES 7-33

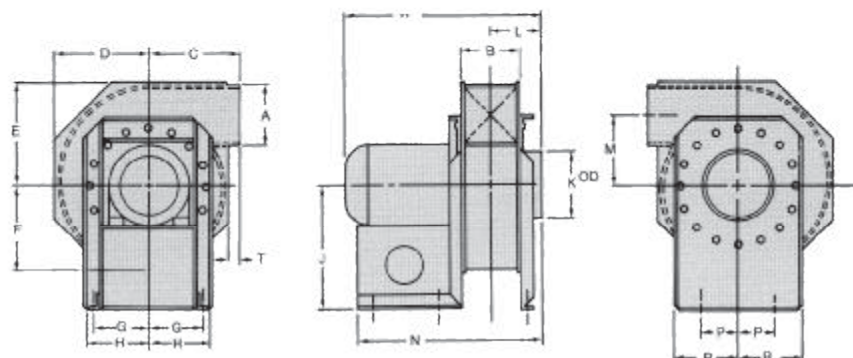
Fan Size	Frame Ga.	Blade Ga.	No. Blade	A	B	C	D	E	F	G	H
7	12	14	1	9 1/2	8 1/4	6 1/2	5 1/2	4 1/2	3	7 1/2	8
9	12	14	1	11 1/4	10	8 1/4	7 1/2	5	0	9 1/2	8
11	12	14	1	13 1/4	12 1/4	10	9 1/2	3 1/2	1	11 1/2	12
13	12	14	1	14 1/2	13 1/2	11 1/2	10 1/2	4 1/2	1	13 1/2	12
15	12	14	2	17 1/2	15 1/2	13 1/2	12 1/2	5 1/2	2	16 1/2	15
17	12	14	2	19 1/2	17 1/2	15 1/2	14 1/2	6 1/2	2	18 1/2	15
19	12	14	2	21 1/2	19 1/2	17 1/2	16 1/2	7 1/2	3	20 1/2	20
21	12	14	3	22 1/2	21 1/2	18 1/2	17 1/2	8 1/2	3	21 1/2	20
23	12	14	3	24 1/2	23	20 1/2	19 1/2	9 1/2	4	23 1/2	24
25	12	14	3	27 1/2	25 1/2	23 1/2	22 1/2	10 1/2	4	26 1/2	24
29	12	14	4	30	28 1/2	26 1/2	25 1/2	11 1/2	5	29 1/2	29
33	12	14	4	33 1/2	32	29 1/2	28 1/2	12 1/2	6	32 1/2	32



SIZES 7-21 ■ DESIGN R

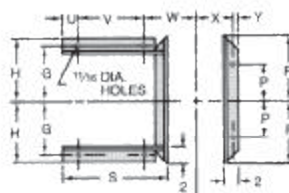
Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Wheel Dia.	Max. Motor Frame
7	6½	6½	10	10½	10½	9½	6	7	13	7½	6½	7½	19½	4	7½	10½	1½	2	5	6½	4½	¾	12½	184-T
9	8½	8½	12½	12½	14	11½	7½	8½	17	9½	6½	9½	25½	5	9½	14½	1½	2	9	7½	5½	¾	15½	254-T
11	10	10	14½	15½	17	14½	7½	8½	19	11½	7½	11½	28½	7	11½	14½	1½	2	9	8½	6½	¾	19½	254-T
13	11½	11½	17½	18½	20½	17½	8	9	23	13½	8½	13½	29½	9	13½	15½	1½	2	10	9½	7½	¾	22½	254-T
15	13½	13½	20½	21½	23½	20	9	10	26	15½	9½	16½	33½	10	15	17½	2	2	12	9½	7½	¾	26½	284-T
17	15½	15½	22½	24½	26½	22½	10	11	32	17½	10½	18½	37½	12	16½	19½	2	2	14	10½	8½	¾	29½	324-T
19	17½	17½	24½	27	29½	24½	11	12	32	19½	11½	20½	41	14	18½	21½	2	2	16	11½	9½	¾	33	364-T
21	18½	18½	27½	30½	32½	27½	11½	12½	35	21½	12½	22½	43½	16	20½	22½	2	2	17	12½	10½	¾	36½	404-T

MODEL	WEIGHT
7	120 Lbs.
9	135 Lbs.
11	250 Lbs.
13	340 Lbs.
15	455 Lbs.
17	620 Lbs.
19	730 Lbs.
21	910 Lbs.



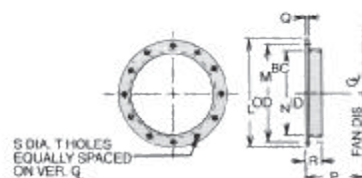
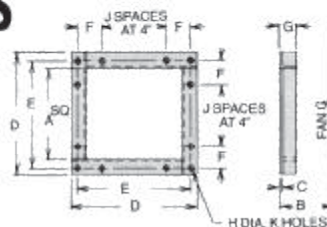
*APPROXIMATE TOTAL LENGTH, USING TEFC MOTOR FRAME. SIZES FROM INLET OF BLOWER TO END OF MOTOR BELL.

Fos Size	Frame Size											
	184-T	213-T	215-T	254-T	256-T	284-T	285-T	324-T	325-T	384-T	385-T	484-T
7	22 1/4"											
9		25 1/4"	27 1/4"	30"								
11		27 3/4"	28 1/2"	31 1/4"								
13			30 3/4"	33 1/2"								
15					35 3/4"	37 3/4"	39 3/4"					
17	REFER				38 1/4"	40 3/4"	41 1/4"	42 1/4"				
19	TO "N"					42"	43 1/4"	44 1/4"	46"	47"		
21	DIMENSION					45 1/4"	46 3/4"	47 1/4"	48 1/4"	49 1/4"	50 1/4"	



NOTE:
ALL SIZES ARE FIELD
ROTATABLE AND REVERSIBLE

FOUNDATION PLAN

SIZES 7-33

OUTLET FLANGE

FAN SIZE	OUTLET & COMPANION FLANGE DIMENSION										
	PART NO.	A	B	C	D	E	F	G	H	J	K
7	25827	6 1/2	10 1/4	1 1/2	9 1/2	8 1/4	4 1/4	1 1/2	2 1/4	0	8
9	25829	8 1/4	12 1/2	1 1/2	11 1/4	10	5	1 1/2	2 1/4	0	8
11	25831	10	15	1 1/2	13	11 3/4	3 1/4	1 1/2	2 1/4	1	12
13	25833	11 1/4	17 1/4	1 1/2	14 1/2	13 1/4	4 1/4	1 1/2	2 1/4	1	12
15	25835	13 1/4	20 1/4	1 1/2	17 1/4	15 1/4	3 1/4	2	2 1/4	2	16
17	25837	15 1/4	22 1/4	1 1/2	19 1/4	17 1/4	4 1/4	2	2 1/4	2	16
19	25839	17 1/4	24 1/4	1 1/2	21 1/4	19 1/4	3 1/4	2	2 1/4	3	20
21	25841	18 1/4	27 1/4	1 1/2	22 1/4	21 1/4	4 1/4	2	2 1/4	3	20
23	30224	20 1/4	29	1 1/2	24 1/4	23	3 1/4	2	2 1/4	4	24
26	30226	23 1/4	31 1/4	1 1/2	27 1/4	25 1/4	4 1/4	2	2 1/4	4	24
29	30662	26	36 1/4	1 1/2	30	28 1/4	4 1/4	2	2 1/4	5	28
33	30664	29 1/4	40 1/4	1 1/2	33 1/4	32	4	2	2 1/4	6	32

INLET FLANGE

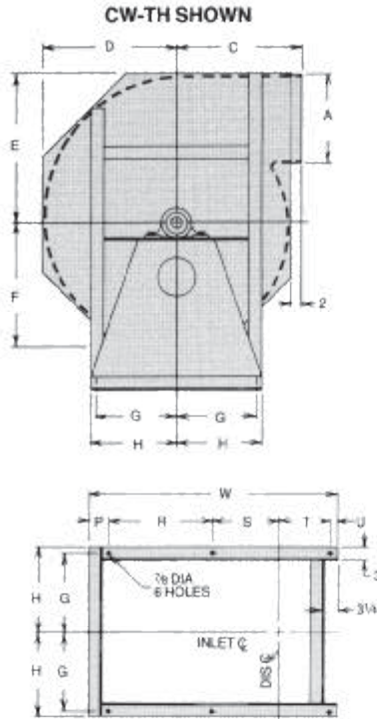
FAN SIZE	INLET & COMPANION FLANGE DIMENSION								
	PART NO.	L	M	N	P	Q	R	S	T
7	25693	9 3/8	8 1/2	7 1/8	6 5/8	3/8	1	3/8	5
9	25694	11 1/8	10 5/8	9 1/8	7 7/8	3/8	1 1/8	3/8	5
11	25695	13 1/8	12 3/4	11 1/4	7 1/2	3/8	1 1/4	3/8	6
13	25696	16 1/8	15	13 1/8	8 3/4	3/8	1 1/2	3/8	8
15	25697	18 1/8	17	15 1/8	9 1/8	3/8	1 3/8	3/8	8
17	25698	20 1/8	19	17 1/8	10 1/4	3/8	1 1/2	3/8	8
19	25699	22 1/8	20 3/4	19 1/8	11 1/8	3/8	1 3/8	3/8	12
21	25701	24 1/8	22 3/4	21 1/8	12 3/8	3/8	1 3/8	3/8	12
23	30219	26 1/8	24 1/8	23 1/8	16 1/8	3/8	1 1/2	3/8	12
26	30220	30 1/8	28 3/8	26 1/8	17 5/8	3/8	2	3/8	16
29	30665	33 1/8	31 3/8	29 1/8	19 1/4	3/8	2	3/8	16
33	30666	37 1/8	35 3/8	33 1/8	21 1/4	3/8	2	3/8	16

DIMENSIONAL DATA ARRANGEMENT 1

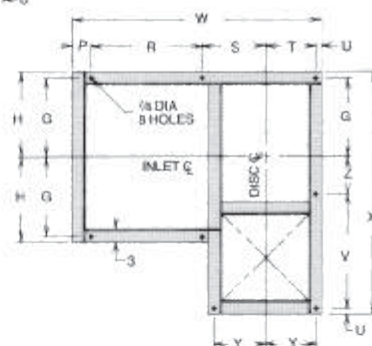
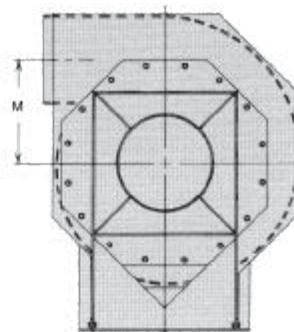
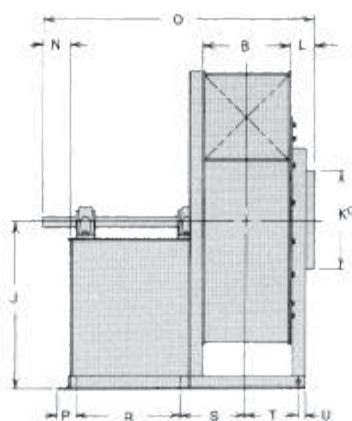
SIZES 23-33 DESIGN F

		TH, BH, UB, TAU, TAO, BAE, DB																STANDARD DUTY		HEAVY DUTY										
FAN SIZE	WHEEL DIA.	A	B	C	C	D	E	F	G	H	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z	SHAFT DIA.	KEY-WAY	SHAFT DIA.	KEY-WAY
23	40	20 3/4	20 3/4	26 3/4	39	32	34 1/2	29 1/2	18 1/4	20	39	23 1/4	5 1/2	24	6	63 1/4	5	24 1/2	15 1/4	12 3/4	1 1/4	27 1/4	58 1/4	57 3/4	12 3/4	8 1/4	2 1/4	1 1/4	2 1/4	1 1/4
26	45 1/2	23 3/4	23 3/4	31 3/4	43	35 1/4	39	32 3/4	26 3/4	22	43	26 1/2	5 1/2	27 1/4	6	66 1/4	5	24 1/2	16 3/4	13 1/4	1 1/4	30 3/4	60 3/4	63 3/4	13 1/4	9 1/4	2 1/4	1 1/4	2 1/4	1 1/4
29	50 1/2	26	26	35 1/2	47 1/2	40 3/4	43 3/4	37 1/4	27 1/4	23 1/2	47 1/2	29 1/4	6	30 3/4	7	74 3/4	5	29	17 3/4	15	1 1/4	33 1/4	68	68 3/4	14 3/4	11 3/4	3 1/4	1 1/4	3 1/4	1 1/4
33	57 1/2	29 3/4	29 3/4	40 3/4	53 1/2	45 3/4	49 3/4	42 1/2	25 1/4	26 1/2	53 1/2	33 1/4	6	34 1/2	7	78 1/2	5	29	19 3/4	15 3/4	1 1/4	35 3/4	71 3/4	78 3/4	15 3/4	12 3/4	3 1/4	1 1/4	3 1/4	1 1/4

CW-TH SHOWN



FOUNDATION PLAN
ALL DISCHARGES EXCEPT DB



DOWNBLAST DISCHARGE FOUNDATION PLAN
CW-DB SHOWN CCW-DB IS MIRROR IMAGE

ARR'T 9 BELT CENTER DISTANCES

FAN SIZE	182-T 184-T	213-T 215-T	254-T 256-T	284-T 286-T	324-T 326-T	364-T 365-T	404-T 405-T
23	35 1/4	34 3/4	33 3/4	33 1/4	32 3/4	32	—
26	39 3/4	38 3/4	37 3/4	37 1/4	36 1/2	35 3/4	—
29	44	43 1/4	42 1/4	41 1/2	40 3/4	40	39 3/4
33	50 3/4	49 3/4	48 3/4	48 1/4	47 1/4	46 1/2	45 1/2

IE-23-33 MAXIMUM ARR'T 9
MOTOR FRAME SIZES

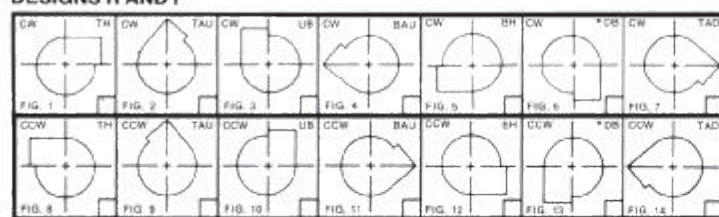
FAN SIZE	FRAME SIZE
23	365-T
26	365-T
29	405-T
33	405-T

IE-23-33 APPROXIMATE
SHIPPING WEIGHT ARR'T 1

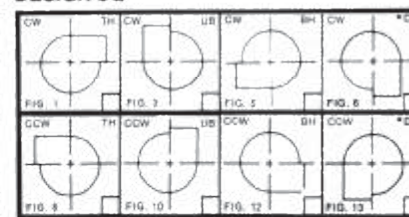
FAN SIZE	WEIGHT IN LBS.
23	1590
26	1880
29	2620
33	3380

DISCHARGE POSITIONS

DESIGNS R AND F



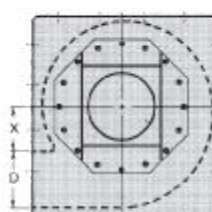
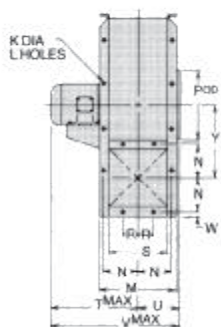
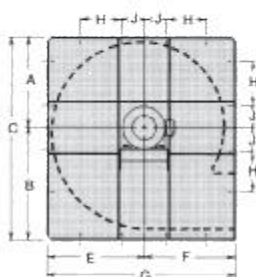
DESIGN SQ



DIMENSIONAL DATA ARRANGEMENT 4

SIZES 7-26 DESIGN SQ

Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Wheel Dia.	Max. Frame Size
7	9 1/2	12 1/4	21 3/4	6 1/4	10 1/8	10	20 1/8	4	3	9 1/2	36	9 1/4	3 1/2	7 1/2	1 1/2	6 1/4	16 1/4	6 1/2	22 1/2	1 1/2	4 1/2	7 1/2	12 3/4	184-T
9	11 1/8	15 1/2	27 3/4	8	12 1/2	12 1/2	25 1/4	5	3	9 1/2	36	11	4 1/4	9 1/2	2	8	20 3/4	6 1/2	27 1/2	1 1/2	5 1/2	9 1/2	15 1/2	215-T
11	14 1/2	18 1/2	33	9 1/4	15 1/4	14 1/4	30 1/2	7	3	9 1/2	36	12 1/4	5 1/2	11 1/2	2 1/2	9 1/4	26 1/2	7 1/2	34 1/4	1 1/2	6 1/4	11 1/2	19 1/4	256-T
13	17 1/2	21 1/2	38 3/4	11 1/4	18 1/4	17 1/4	35 3/4	8	4	9 1/2	36	14 1/2	6 1/2	13 1/2	3	11 1/2	27 1/2	8 1/2	36	1 1/2	8 1/2	13 1/2	22 1/2	256-T
15	20	25 1/2	45 1/2	13 1/4	21 1/4	20 1/4	42	9	5	9 1/2	36	17 1/2	7 1/2	15 1/2	3 1/2	13 1/2	29 1/2	9 1/2	38 1/2	1 1/2	9 1/2	16 1/2	26 1/2	286-T
17	22 1/4	28 1/4	50 1/2	15 1/4	24 1/4	22 1/4	46 1/2	10	5	9 1/2	36	19 1/2	8 1/2	17 1/2	4	15 1/2	30 1/2	10 1/2	41	1 3/4	10 1/2	18 1/2	29 1/2	286-T
19	24 1/4	31 1/4	56	16 1/4	27	24 1/2	51 1/2	11	5	9 1/2	36	20 1/2	9 1/2	19 1/2	4 1/2	16 1/2	31 1/2	11 1/2	42 1/2	1 3/4	12	20 1/2	33	286-T
21	27 1/2	34 1/2	62 1/2	18 1/4	30 1/4	27 1/2	57 1/4	11	6	9 1/2	36	22 1/2	10 1/2	21 1/2	5	18 1/2	32 1/2	12 1/2	44 1/2	1 3/4	13 1/2	22 1/2	36 1/2	286-T



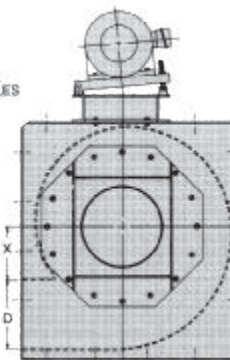
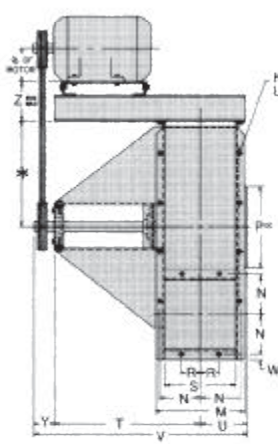
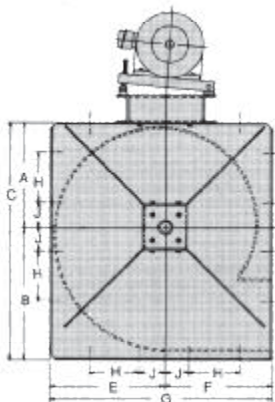
SQIE ARR'T 4 APPROXIMATE SHIPPING WEIGHT (LESS MOTOR)

FAN SIZE	WEIGHT IN LBS.
7	145
9	195
11	260
13	320
15	430
17	490
19	570
21	690

DIMENSIONAL DATA ARRANGEMENT 9

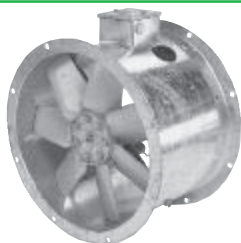
SIZES 7-26 DESIGN SQ

																								MIN		MAX		STANDARD DUTY		HEAVY DUTY		MAX AFRIC.	
Fan Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z	Z	Shaft Dia.	Key-Way	Shaft Dia.	Key-Way	Frame Size				
7	9 1/2	12 1/4	21 3/4	6 1/4	10 1/8	10	20 1/8	4	3	9 1/2	36	9 1/4	3 1/2	7 1/2	1 1/2	6 1/4	14 1/4	6 1/2	23 1/2	1 1/2	4 1/2	7 1/2	6 1/4	7 1/2	1 1/2	1 1/2	1 1/2	1 1/2	215-T				
9	11 1/8	15 1/2	27 3/4	8	12 5/8	12 1/2	25 1/4	5	3	9 1/2	36	11	4 1/4	9 1/2	2	8	15 1/4	6 1/2	25 1/2	1 1/2	5 1/2	9 1/2	6 1/4	7 1/2	1 1/2	1 1/2	1 1/2	1 1/2	215-T				
11	14 1/2	18 1/2	33	9 3/4	15 1/4	14 1/4	30 1/2	7	3	9 1/2	36	12 1/4	5 1/2	11 1/2	2 1/2	9 1/4	18 1/2	7 1/2	30 1/2	1 1/2	6 1/4	4	6 1/2	7 1/2	1 1/2	1 1/2	1 1/2	1 1/2	215-T				
13	17 1/2	21 1/2	38 3/4	11 1/4	18 1/4	17 1/4	35 3/4	8	4	9 1/2	36	14 1/2	6 1/2	13 1/2	3	11 1/2	22 1/2	8 1/2	36	1 1/2	8 1/2	4	6 1/2	8 1/2	1 1/2	1 1/2	1 1/2	1 1/2	256-T				
15	20	25 1/2	45 1/2	13 1/4	21 1/4	20 1/4	42	9	5	9 1/2	36	17 1/2	7 1/2	15 1/2	3 1/2	13 1/2	24 1/2	9 1/2	38 1/2	1 1/2	9 1/2	4 1/2	6 1/2	8 1/2	1 1/2	1 1/2	1 1/2	1 1/2	256-T				
17	22 1/4	28 1/4	50 1/2	15 1/4	24 1/4	22 1/4	46 1/2	10	5	9 1/2	36	19 1/2	8 1/2	17 1/2	4	15 1/2	25 1/2	10 1/2	40 1/2	1 1/2	10 1/2	4 1/2	6 1/2	8 1/2	1 1/2	1 1/2	1 1/2	1 1/2	256-T				
19	24 1/4	31 1/4	56	16 1/4	27	24 1/2	51 1/2	11	5	9 1/2	36	20 1/2	9 1/2	19 1/2	4 1/2	16 1/2	29 1/2	11 1/2	45 1/2	1 1/2	12	5	6 1/2	10 1/2	2 1/2	1 1/2	1 1/2	1 1/2	326-T				
21	27 1/2	34 1/2	62 1/2	18 1/4	30 1/4	27 1/2	57 1/4	11	6	9 1/2	36	22 1/2	10 1/2	21 1/2	5	18 1/2	30 1/2	12 1/2	47 1/2	1 1/2	13 1/2	5	6 1/2	10 1/2	2 1/2	1 1/2	1 1/2	1 1/2	326-T				
23	29 1/4	36 1/4	66	20 1/4	32	28 1/4	60 1/4	12	7	1 1/2	36	24 1/2	11 1/2	23 1/2	5 1/2	20 1/2	32 1/2	13	51 1/2	1 1/2	13 1/2	6	6 1/2	10 1/2	2 1/2	1 1/2	1 1/2	1 1/2	326-T				
26	32 1/4	41	73 1/4	23	35 1/4	31 1/4	67 1/4	14	7	1 1/2	36	27	12 1/2	26 1/2	6	23	34 1/2	14 1/2	54 1/2	1 1/2	15 1/2	6	6 1/2	10 1/2	2 1/2	1 1/2	1 1/2	1 1/2	326-T				



SQIE ARR'T 9 APPROXIMATE SHIPPING WEIGHT (LESS MOTOR)

FAN SIZE	WEIGHT IN LBS.
7	180
9	240
11	315
13	400
15	535
17	615
19	710
21	850
23	1020
26	1240

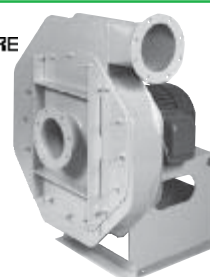


AEROFOIL ADJUSTABLE PITCH FAN
Available in 21 Sizes 12" to 110". CFM from 500 to 350,000. Static pressures to 15" W.G. Multiple stages available for higher pressures. Request Bulletin IJMA60-99..



VAROFOIL CONTROLLABLE PITCH FAN
Available in 14 Sizes 24" to 110". CFM from 4,000 to #50,000. Static Pressures to 10" W.G. Request Bulletin VF-2000.

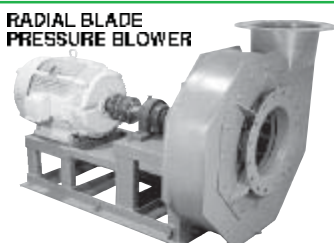
TURBO-PRESSURE BLOWER



9 Sizes from 400 to 8,000 CFM. 4 wheel types. Pressures to 75" W.G. Request Bulletin VP-0404.



PRESSURE BLOWER
5 Sizes from 1/4 to 30 HP 350 to 4300 CFM. Pressures to 20" W.G. Cast Aluminum Construction. Request Bulletin AF-0302.



RADIAL BLADE PRESSURE BLOWER
25 Sizes with capacities to 12,000 CFM 2 wheel types. Pressures to 110" W.G. Request Bulletin RB-0502.



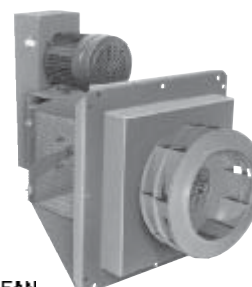
UPBLAST ROOF VENTILATOR
Model PFB-Belt Drive. 9 Sizes from 12" to 60" diameter props. Air delivery to 72,000 CFM.



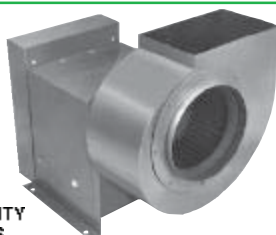
BACKWARDLY INCLINED AIRFOIL
18 Sizes from 1,000 to 93,000 CFM. Pressures to 17" W.G. Request Bulletin AS-0951.



QBGA BACKWARDLY INCLINED AIRFOIL BLOWER
14 Sizes from 500 to 42,000 CFM. Pressures to 17" W.G. Request Bulletin AS-0951.



PLUG FAN
14 Sizes from 1,000 to 50,000 CFM. Pressures to 13" W.G. Request Bulletin PBCS-1201.



UTILITY SETS
Model SMB-Belt Drive or Direct Drive. 6 Sizes from 100 to 4,800 CFM. Pressures to 3" W.G. Request Bulletin SMB-1101.



VOLUME BLOWER
Model SC-Belt Drive or Direct Drive. 4 Sizes from 100 to 1,400 CFM. Pressures to 4" W.G. Request Bulletin SC-1000.

SPECIALS

American Fan Company also modifies standard units and designs and builds specials to meet individual requirements in both the Original Equipment Manufacturer and End User Markets.

