

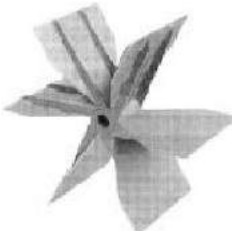
# Industrial Exhausters

Bulletin IE-0606



## Howden American Fan has a high efficiency wheel for your application.

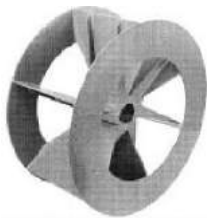
### MH - Material Handling



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.

### MHR – Material Handling



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



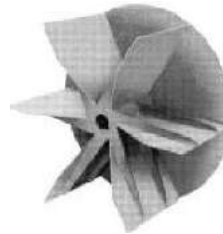
Available in sizes 23 thru 33 in arrangements 1, 8, and 9. All housings are fixed rotation and discharge.

### AH - Air Handling

Model AH wheel is straight radial impeller constructed of heavy gage steel with a spun front plate. 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 up to 24" S.P w.g. Higher performances are also available with special construction suited to your requirement.



### MHB – Material Handling



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

### Design SQ

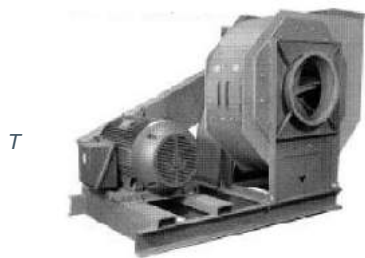


Available in sizes 7 thru 21 in arrangements 1, 4 and 9 and arrangements 1 and 9 thru size 26. All housings are non-reversible; however, they are field rotatable to any of four discharge positions – UB, DB, TH, and BH.

## Accessories

### Arrangement 1 Unitary

Howden American Fan Company offers unitary bases constructed of heavy channel iron for high horsepower or high temperature applications where Arrangement 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 F – IE-23-MH  
CW-UB with 200 HP 447-  
Motor Shown*



*Design R – IE-15 CCW-UB  
with 50 HP 326-TS Motor  
Shown*

### Additional

- Housing drain
- Inlet screen
- Outlet screen
- Stuffing box
- Flanged inlet
- Flanged outlet



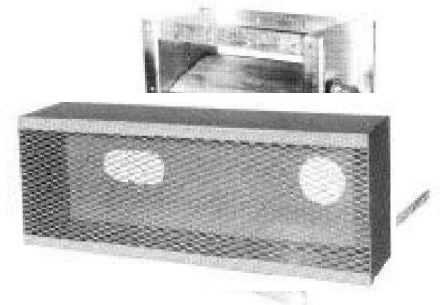
- Shaft guard

### Available Accessories

- |                        |  |
|------------------------|--|
| • Heat slinger         | • Vibration isolators                              |
| • Weather cover        | • Abrasion resistant construction                  |
| • Shaft seal           | • High temperature construction                    |
| • Inlet volume control | • Other special accessories available upon request |

### Outlet Damper

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

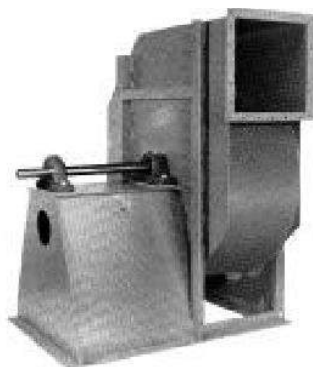
Standard guard is a totally enclosed design, as required by OSHA, for industrial applications.

## Arrangements / Features

### Designs R and F

#### Arrangement 1

##### IE-23 Shown CW-TH



The fan wheel is overhung with both bearings mounted on a common pedestal. Arrangement 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.

#### Arrangement 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.

#### Arrangement 9

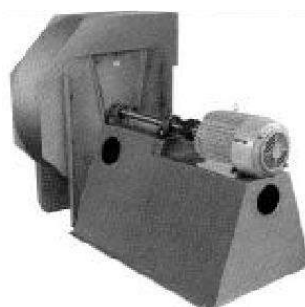
##### IE-11 Shown CW-UB with OSHA type belt and shaft guards



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.

#### Arrangement 8

##### IE-17 Shown CW-TH



Direct drive fan thru shaft and bearings. Efficiency of Arrangement 4 is maintained. However, Arrangement 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

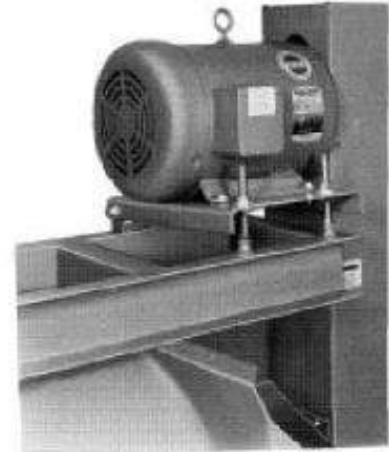
- Heavy gauge continuously welded housings
- Heavy duty anti-friction, self aligning pillow block ball or roller bearings
- Close tolerance 1141 turned, ground, and polished shafting
- Two-plane dynamically balanced wheels
- Choice of four wheel types: MH, AH, MHR and MHB
- Rotatable and reversible housings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

## Design SQ

### Arrangement 1

#### **SQIE-13 Shown CW-UB**

SQIE Arrangement 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.



### Arrangement 9

#### **SQIE-13 Shown CCW-TH**

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



### Arrangement 4

#### **SQIE-15 Shown CW-DB**



Available with an AH wheel only. The wheel is mounted directly to the motor shaft. SQ Design Arrangement 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 and MHB
- Self levelling hinged adjustable arrangement 9 motor base for fast, simple belt tensioning
- Heavy channel iron arrangement 9 motor base support – keeps motor shaft and fan shaft parallel, allows motor base to be moved to any side of housing expect discharge side.
- Removable outboard bearing plate for maintenance ease.
- Rotatable housing to any of four discharge positions – UD, DB, TH and BH

## Construction Materials (Values need to be checked)

### 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 Blade Standard Duty	AH Blade Heavy Duty	MH Blade Standard Duty	MH Blade Heavy Duty	MH Blade Reinforcement	No. of MH Blade Reinforcement per Blade
7	1 /	1 /	12	10	10	12	12	12	12	10	12	10	12	10	/	1
9	1 /	1 /	12	10	10	12	12	12	12	10	12	10	12	10	/	1
11	1 /	1 /	10	7	7	10	10	12	12	7	10	7	10	7	1/4	2
13	1 /	1 /	10	7	7	10	10	12	12	7	10	7	10	7	1/4	2
15	1 /	2 /	10	1/4	1/4	10	10	12	10	7	10	7	7	/	1/4	2
17	1 /	2 /	10	1/4	1/4	7	7	12	10	7	10	7	7	/	1/4	2
19	2 /	2 /	7	1/4	1/4	7	7	12	10	7	10	7	7	/	1/4	2
21	2 /	2 /	7	1/4	1/4	7	7	12	10	7	10	7	7	/	1/4	2
23	2 /	2 /	7	/	/	-	1/4	10	10	1/4	7	/	1/4	/	1/4	3
26	2 /	2 /	7	/	/	-	1/4	10	10	1/4	7	/	1/4	/	1/4	3
29	3 /	3 /	7	/	/	-	1/4	10	7	/	/	/	1/4	/	1/4	3
33	3 /	3 /	7	/	/	-	1/4	10	7	/	/	/	1/4	/	1/4	3

## Design SQ

#### IE 7-26 AH & MH Gauges & Shaft Diameters

																	Arr. 4	
Fan Size	Housing	Arr. 9 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 MT Blade Reinforcement per Blade	Motor Size Plate Bracing	Motor Plate
7	12	7	7	12	12	12	1 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	12	10	12	10	12	10	3/8	1	1/4 x 2	7
9	12	7	7	12	12	12	1 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	12	10	12	10	12	10	3/8	1	1/4 x 2	7
11	10	7	7	10	10	12	1 <sup>7</sup> / <sub>16</sub>	1 <sup>11</sup> / <sub>16</sub>	12	7	10	7	10	7	1/4	2	1/4 x 2	7
13	10	7	7	10	10	12	1 <sup>11</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	12	7	10	7	10	7	1/4	2	1/4 x 2	7
15	10	7	7	10	10	12	1 <sup>16</sup> / <sub>15</sub>	2 <sup>3</sup> / <sub>16</sub>	10	7	10	7	7	1/4	1/4	2	1/4 x 2	7
17	10	7	7	10	7	12	1 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	10	7	10	7	7	1/4	1/4	2	1/4 x 2	7
19	7	7	7	7	7	12	2 <sup>3</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	10	7	10	7	7	1/4	1/4	2	1/4 x 2	7
21	7	7	7	7	7	12	2 <sup>7</sup> / <sub>16</sub>	2 <sup>11</sup> / <sub>16</sub>	10	7	10	7	7	1/4	1/4	2	1/4 x 2	7
23	7	7	7	7	7	12	2 <sup>15</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	10	1/4	7	1/4	1/4	5/16	1/4	3	-	-
26	7	7	7	7	7	12	2 <sup>11</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	10	1/4	7	1/4	1/4	5/16	1/4	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 shat 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 Howden American Fan representative or factory full details.

## Temperature and Altitude Corrections

### Using Density Correction Factors

The capacity tables in this bulletin 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" S.P, 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, i.e. 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 capability 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:

$$\text{BHP at conditions} = \text{Equivalent BHP} / \text{Density Factor} = 3.81 / 1.61$$

Therefore, BHP at conditions = 1.96

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

### Derating Factors for Hi-Temperature

Temp °F	Derating Factor		
	Std. Steel	304 Stainless	316 Stainless
70°	1.0	.91	.91
200°	.98	.84	.84
300°	.96	.79	.81
400°	.95	.75	.79
500°	.90	.72	.78
600°	.86	.70	.76
700°	.82	.68	.74
800°	N/A	.67	.72
900°	N/A	N/A	Contact
1000°	N/A	N/A	Factory

### 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, Arrangement 1 or 8 only.

**701° F - 900° F** – Heat Slinger, High-temperature shaft seal, Heat-shield, Special wheel construction including fins\*, Arrangement 1 or 8 only. Fixed and floating bearings, High-temperature paint.

**901° - 1000°** - 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, Arrangement 1 or 8 only, high-temperature paint on non-S.S parts.

*\*fins are supplied on AH and MHB wheels only.*

### Density Correction Factors

Air Temp °F	Altitude in Feet Above Sea Level																			
	0	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000
-60°	.76	.77	.78	.80	.81	.63	.64	.86	.87	.89	.91	.92	.94	.96	.98	1.00	1.02	1.04	1.06	1.10
-40°	.79	.81	.82	.84	.85	.87	.88	.90	.92	.93	.95	.97	.99	1.01	1.03	1.05	1.07	1.09	1.11	1.15
-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	1.14	1.16	1.21
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	1.19	1.22	1.26
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	1.30	1.32	1.36
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	1.37	1.40	1.45
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	1.41	1.43	1.48
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	1.46	1.48	1.54
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	1.51	1.53	1.58
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	1.57	1.58	1.65
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	1.62	1.64	1.70
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	1.67	1.70	1.75
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	1.72	1.75	1.81
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	1.82	1.85	1.88	1.94
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	1.98	2.00	2.08
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	2.11	2.14	2.22
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	2.25	2.27	2.35
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	2.38	2.41	2.50
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	2.51	2.54	2.62
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	2.63	2.68	2.77
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	2.77	2.80	2.90
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	2.90	2.94	3.04
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	3.03	3.06	3.18
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	3.16	3.19	3.31
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	3.26	3.33	3.45
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	3.38	3.46	3.58
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	3.52	3.60	3.73
950°	2.66	2.72	2.77	2.82	2.87	2.92	2.98	3.03	3.08	3.14	3.19	3.24	3.32	3.38	3.46	3.51	3.58	3.64	3.72	3.86
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	3.76	3.86	4.00



## 7MH Industrial Exhauster

Wheel Dia. 12 <sup>3</sup>/<sub>10</sub> Inlet Dia. 7 <sup>1</sup>/<sub>8</sub> Maximum RPM at 70° F.

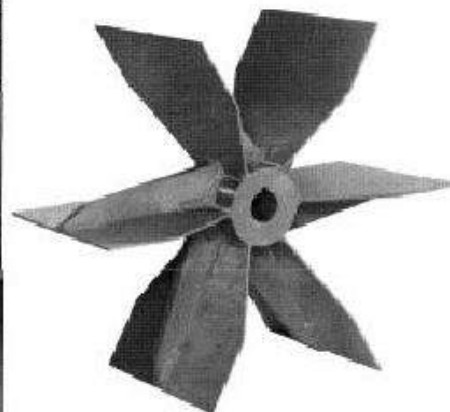
□ Std. Wheel & Std. Shaft 4701 □ H.D. Wheel & H.D. Shaft 5328

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	123.9	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	2742	0.78	2952	0.94	3147	1.10	3331	1.26
494	1800	1337	0.18	1713	0.30	2026	0.43	2309	0.57	2579	0.71	2763	0.86	2967	1.02	3162	1.19	3346	1.36
549	2000	1397	0.21	1756	0.34	2061	0.49	2347	0.64	2618	0.80	2796	0.95	2998	1.11	3190	1.28	3373	1.46
604	2200	1458	0.25	1805	0.40	2097	0.55	2388	0.71	2659	0.87	2835	1.05	3015	1.22	3201	1.39	3388	1.58

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	1856	2.04	1999	2.24	2135	2.45	2255	2.65	2361	2.87	2453	3.08	2531	3.30
604	2200	1552	1.77	1715	1.97	1873	2.18	1999	2.39	2135	2.60	2255	2.82	2361	3.04	2453	3.27	2531	3.50
659	2400	1573	1.91	1735	2.11	1894	2.32	2020	2.54	2155	2.76	2275	2.99	2381	3.22	2473	3.46	2551	3.70
714	2600	1599	2.06	1756	2.26	1916	2.48	2042	2.71	2177	2.93	2297	3.16	2399	3.40	2491	3.65	2569	3.90
769	2800	1628	2.23	1785	2.45	1946	2.66	2072	2.88	2207	3.12	2327	3.36	2429	3.60	2521	3.85	2600	4.11

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
859	2400	4845	3.94	4957	4.19	5085	4.43	5208	4.69	5333	4.94
914	2600	4861	4.15	4982	4.41	5108	4.67	5235	4.93	5362	5.20
969	2800	4876	4.37	4997	4.64	5125	4.90	5253	5.18		
1024	3000	4892	4.60	5012	4.86	5140	5.14	5268	5.43		
1079	3200	4913	4.85	5032	5.13	5168	5.41	5282	5.69		



## 9MH Industrial Exhauster

Wheel Dia. 15 11/16 Inlet Dia. 9 1/8 Maximum RPM at 70° F.

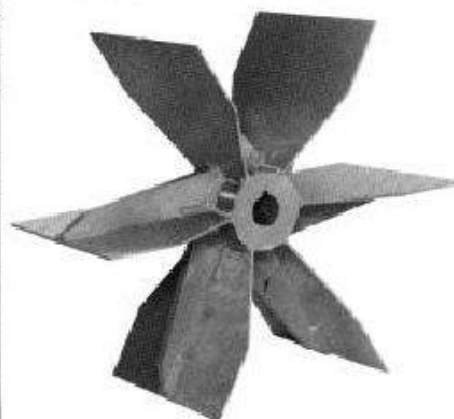
□ Std. Wheel & Std. Shaft 3652 □ H.D. Wheel & H.D. Shaft 4139

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	0.29	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
820	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	0.80	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	1638	0.91	1833	1.17	2017	1.45	2187	1.74	2342	2.02	2497	2.31	2627	2.62
1093	2400	1187	0.58	1439	0.75	1663	1.02	1861	1.30	2041	1.59	2208	1.89	2361	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	2660	3.08
1275	2800	1294	0.68	1527	0.97	1737	1.20	1925	1.59	2098	1.92	2260	2.25	2410	2.59	2553	2.95	2689	3.32
1366	3000	1351	0.79	1576	1.18	1774	1.42	1962	1.76	2138	2.18	2288	2.45	2438	2.81	2578	3.18	2711	3.56
1457	3200	1410	0.92	1625	1.24	1816	1.58	2000	1.94	2164	2.30	2319	2.66	2466	3.04	2605	3.43	2736	3.81
1548	3400	1470	1.05	1680	1.40	1863	1.75	2036	2.13	2203	2.52	2352	2.89	2496	3.20	2633	3.69	2764	4.18
1640	3600	1531	1.20	1734	1.58	1912	1.95	2077	2.33	2240	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	2127	2.56	2276	2.97	2428	3.41	2563	3.82	2695	4.26	2821	4.78
1822	4000	1658	1.56	1841	1.97	2012	2.37	2178	2.80	2317	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	2779	4.91	2887	5.38
2004	4400	1788	1.99	1957	2.43	2123	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	2.76	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	5.10	2730	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	8.84
2733	6000	2314	4.48	2457	5.13	2580	5.72	2703	6.34	2823	6.97	2940	7.60	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	3098	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	4.48	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	6.20	3449	6.73	3549	7.16	3646	7.59	3741	8.05
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	3090	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	3829	9.95
2004	4400	3039	6.25	3151	6.75	3259	7.26	3366	7.78	3470	8.31	3570	8.84	3669	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	10.43	3816	10.99	3907	11.56
2277	5000	3152	7.55	3259	8.10	3368	8.65	3462	9.22	3561	9.79	3657	10.37	3751	10.95	3845	11.55	3926	12.15
2368	5200	3187	8.00	3298	8.60	3408	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	3448	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	3406	10.13	3510	10.80	3611	11.48	3709	12.14	3799	12.78	3889	13.43	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	11.28	3590	11.90	3682	12.60	3780	13.40	3874	14.12	3965	14.83	4048	15.51	4130	16.18
2915	6400	3451	11.33	3539	11.90	3633	12.61	3725	13.33	3825	14.05	3918	14.88	4008	15.55	4088	16.28		
3006	6600	3499	11.92	3590	12.64	3676	13.26	3768	14.01	3867	14.75	3945	15.50	4036	16.27	4124	17.04		
3097	6800	3545	12.55	3640	13.34	3726	14.02	3811	14.71	3908	15.47	3985	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	9.80	4120	10.41		
1731	3800	3878	9.52	3964	10.00	4055	10.49				
1822	4000	3900	10.03	3991	10.57	4078	11.09				
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										





# 13MH Industrial Exhauster

Wheel Dia. 22 5/8 Inlet Dia. 13 1/8 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	0.43	885	0.77	1068	1.15	1211	1.55	1346	2.00	1469	2.47	1582	2.96	1687	3.47	1786	4.00
1516	1600	693	0.51	903	0.89	1075	1.32	1223	1.75	1355	2.21	1477	2.70	1590	3.23	1695	3.78	1794	4.34
1705	1800	720	0.60	923	1.03	1091	1.48	1238	1.90	1366	2.46	1487	2.97	1598	3.51	1704	4.09	1802	4.68
1895	2000	752	0.73	946	1.19	1118	1.68	1253	2.19	1383	2.75	1501	3.28	1610	3.83	1713	4.43	1811	5.04
2084	2200	785	0.86	973	1.37	1138	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	1290	2.71	1425	3.31	1531	3.94	1639	4.61	1740	5.26	1834	5.89
2463	2600	868	1.21	1026	1.77	1179	2.39	1313	3.00	1435	3.64	1540	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	1779	6.13	1864	6.90
2842	3000	937	1.65	1092	2.28	1238	2.96	1361	3.67	1477	4.37	1587	5.10	1690	5.85	1787	6.61	1880	7.40
3032	3200	978	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	1869	8.86	1956	9.77
3790	4000	1150	3.25	1277	4.09	1395	4.93	1505	5.82	1606	6.70	1706	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	6.88	1669	7.80	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	7.28	1646	8.24	1737	9.21	1825	10.28	1911	11.35	1995	12.48	2080	13.64
4738	5000	1375	5.75	1482	6.79	1584	7.87	1683	8.97	1778	9.92	1860	11.10	1942	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	15.58
5117	5400	1466	7.04	1569	8.18	1664	9.34	1757	10.50	1846	11.67	1926	12.68	2009	13.90	2080	15.87	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	10.64	1789	11.89	1874	13.19	1958	14.49	2039	15.81	2111	16.91	2186	18.25	2257	19.64
5875	6200	1652	10.20	1749	11.59	1831	12.84	1915	14.19	1995	15.52	2076	16.90	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	1064	5.69	1393	6.35	2078	7.83	2160	7.72	2238	8.43	2314	9.14	2387	9.88	2458	10.62	2527	11.37
2084	2200	1093	6.18	2002	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	1025	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	1039	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	1054	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	1069	8.21	2050	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	1085	8.77	2069	9.63	2151	10.53	2229	11.43	2303	12.27	2375	13.12	2445	13.97	2513	14.85	2580	15.78
3221	3400	2082	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	2072	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	18.60
3790	4000	2061	11.42	2142	12.42	2220	13.42	2295	14.42	2367	15.43	2438	16.46	2507	17.54	2573	18.60	2640	19.72
3979	4200	2084	12.13	2162	13.20	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	14.03	2260	15.10	2334	16.19	2406	17.29	2475	18.39	2542	19.49	2608	20.60	2672	21.76
4358	4600	2132	13.94	2208	14.93	2283	16.03	2354	17.12	2425	18.26	2493	19.41	2562	20.56	2627	21.71	2690	22.86
4548	4800	2158	14.76	2232	15.85	2306	16.90	2377	18.13	2446	19.28	2514	20.46	2580	21.65	2646	22.85	2709	24.09
4738	5000	2186	15.78	2260	16.86	2330	17.99	2400	19.17	2469	20.37	2536	21.56	2601	22.78	2666	24.02	2729	25.27
4927	5200	2210	16.64	2287	17.89	2357	19.00	2424	20.26	2492	21.49	2559	22.73	2623	23.90	2686	25.22	2749	26.52
5117	5400	2235	17.50	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	18.54	2336	19.96	2409	21.32	2479	22.67	2544	23.94	2608	25.20	2671	26.52	2732	27.86	2792	29.20
5496	5800	2290	19.72	2363	21.08	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	2838	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	2390	23.53	2454	24.70	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	29.34	2674	30.68	2735	32.24	2790	33.84	2848	35.44		
6443	6800	2450	26.12	2524	27.75	2580	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	2630	13.50	2675	14.43	2739	15.28	2801	16.15	2862	17.03
2463	2600	2630	14.31	2684	15.20	2747	16.09	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	18.70		
3032	3200	2647	16.72	2711	17.67	2773	18.63	2834	19.60		
3221	3										

# 15MH Industrial Exhauster

Wheel Dia. 26 1/8 Inlet Dia. 15 1/8 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	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
1768	1400	578	0.53	766	0.98	918	1.06	1048	1.98	1166	2.54	1272	3.14	1378	3.77	1461	4.42	1547	5.09		
2023	1600	681	0.64	921	1.13	1081	1.68	1259	2.22	1474	2.81	1679	3.04	1877	4.11	1968	4.81	2054	5.52		
2274	1800	824	0.77	1099	1.31	1285	1.89	1487	2.52	1685	3.13	1908	3.78	2134	4.47	2275	5.20	2361	5.96		
2526	2000	952	0.93	1219	1.51	1419	2.13	1625	2.79	1836	3.50	2079	4.17	2304	4.86	2484	5.60	2568	6.41		
2779	2200	1080	1.09	1343	1.75	1578	2.48	1801	3.18	2031	3.83	2313	4.62	2486	5.36	2691	6.11	2777	6.93		
3032	2400	1213	1.31	1484	2.09	1746	2.78	2018	3.45	2256	4.21	2526	5.02	2726	5.87	2907	6.69	3088	7.58		
3285	2600	1351	1.55	1631	2.25	1921	3.04	2216	3.82	2543	4.63	2841	5.47	3032	6.34	3208	7.26	3389	8.17		
3537	2800	1494	1.80	1784	2.47	2081	3.39	2426	4.22	2768	5.08	3057	5.97	3257	6.87	3433	7.88	3535	8.79		
3790	3000	1641	2.08	1943	2.76	2248	3.76	2617	4.67	2979	5.56	3374	6.49	3604	7.44	3748	8.41	3880	9.42		
4043	3200	1793	2.43	2109	3.27	2421	4.17	2801	5.14	3209	6.08	3594	7.06	3881	8.05	4029	9.07	4143	10.18		
4295	3400	1950	2.79	2280	3.72	2604	4.64	2992	5.63	3353	6.66	3803	7.66	4099	8.78	4281	9.77	4368	10.85		
4548	3600	2111	3.19	2464	4.19	2801	5.15	3207	6.16	3626	7.26	4044	8.32	4318	9.40	4509	10.49	4577	11.63		
4801	3800	2277	3.64	2651	4.68	3011	5.66	3423	6.73	3866	7.86	4298	9.03	4539	10.13	4740	11.28	4804	12.44		
5053	4000	2448	4.13	2841	5.21	3228	6.28	3653	7.41	4091	8.52	4480	9.74	4783	10.94	4983	12.11	5074	13.32		
5306	4200	2624	4.68	3034	5.80	3441	6.96	3892	8.07	4317	9.23	4681	10.48	4985	11.77	5181	13.01	5283	14.24		
5559	4400	2804	5.28	3231	6.44	3644	7.66	4098	8.75	4446	10.03	4896	11.28	5197	12.61	5385	13.96	5488	15.23		
5811	4600	2987	5.89	3431	7.12	3851	8.39	4302	9.58	4676	10.89	5122	12.12	5429	13.49	5606	14.91	5709	16.38		
6064	4800	3174	6.58	3634	7.85	4061	9.17	4525	10.49	4894	11.72	5360	13.08	5675	14.44	5841	15.88	5882	17.36		
6317	5000	3364	7.33	3839	8.64	4272	10.01	4758	11.42	5133	12.62	5611	14.12	5924	15.44	6072	16.93	6023	18.45		
6570	5200	3557	8.11	4038	9.49	4481	10.92	4968	12.37	5366	13.78	5839	15.11	6178	16.58	6281	18.03	6243	19.58		
6822	5400	3753	8.96	4239	10.42	4681	11.88	5172	13.37	5599	14.85	6068	16.14	6400	17.79	6504	19.18	6471	20.79		
7075	5600	3951	9.87	4431	11.48	4877	12.98	5384	14.43	5831	16.02	6288	17.38	6624	18.94	6724	20.55	6699	22.05		
7328	5800	4151	10.84	4624	12.45	5071	13.99	5588	15.17	6036	17.28	6512	18.72	6851	20.14	6944	21.91	6924	23.41		
7580	6000	4353	11.88	4819	13.57	5274	15.13	5793	16.78	6241	18.45	6706	20.13	7080	21.53	7184	23.23	7053	25.00		
7833	6200	4557	12.99	5014	14.75	5485	16.34	5998	18.06	6458	19.75	6921	21.52	7301	23.07	7401	24.68	7244	26.58		

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	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP		
2526	2000	1649	7.24	1726	8.08	1800	8.95	1878	9.83	1958	10.73	2044	11.64	2087	12.57	2129	13.51	2180	14.47		
2779	2200	1857	7.77	1933	8.63	2007	9.54	2077	10.47	2145	11.41	2211	12.37	2274	13.35	2336	14.34	2395	15.34		
3032	2400	2067	8.36	2142	9.26	2215	10.18	2284	11.12	2352	12.11	2418	13.11	2481	14.14	2543	15.17	2602	16.23		
3285	2600	2279	9.04	2325	9.92	2404	10.89	2474	11.87	2548	12.86	2615	13.87	2680	14.93	2741	16.01	2800	17.11		
3537	2800	2493	9.79	2524	10.73	2604	11.67	2674	12.64	2748	13.69	2815	14.74	2877	15.81	2937	16.98	2995	18.01		
3790	3000	2709	10.46	2729	11.54	2804	12.57	2871	13.57	2941	14.58	3004	15.64	3064	16.75	3121	17.88	3177	19.02		
4043	3200	2919	11.17	2924	12.26	2991	13.41	3051	14.55	3105	15.62	3164	16.78	3218	17.78	3270	18.90	3320	20.09		
4295	3400	3134	11.93	3084	13.07	3151	14.21	3204	15.41	3261	16.64	3314	17.82	3371	18.96	3424	20.11	3475	21.25		
4548	3600	3351	12.77	3241	13.92	3304	15.11	3351	16.32	3404	17.55	3454	18.84	3504	20.15	3551	21.38	3600	22.58		
4801	3800	3574	13.64	3404	14.85	3461	16.06	3511	17.38	3561	18.57	3604	19.86	3651	21.19	3700	22.56	3744	23.94		
5053	4000	3799	14.54	3564	15.81	3611	17.08	3651	18.35	3694	19.64	3741	20.98	3781	22.32	3824	23.67	3864	25.18		
5306	4200	4024	15.52	3724	16.88	3761	18.13	3804	19.46	3841	20.88	3881	22.14	3924	23.53	3964	24.93	4004	26.35		
5559	4400	4251	16.54	3884	17.88	3904	19.22	3941	20.61	3981	22.01	4024	23.48	4064	24.88	4104	26.23	4144	27.78		
5811	4600	4481	17.62	4044	18.99	4051	20.08	4094	21.38	4131	22.89	4174	24.78	4214	26.17	4254	27.63	4294	29.18		
6064	4800	4714	18.79	4204	20.18	4204	21.62	4241	22.88	4281	24.18	4324	26.54	4364	27.84	4404	29.09	4444	30.61		
6317	5000	4949	19.99	4364	21.46	4351	22.98	4394	24.41	4431	25.93	4474	27.45	4514	28.99	4554	30.58	4594	32.17		
6570	5200	5181	21.18	4524	22.78	4511	24.29	4554	25.79	4591	27.36	4634	28.94	4674	30.52	4714	32.11	4754	33.76		
6822	5400	5414	22.41	4684	24.07	4604	25.74	4641	27.29	4681	28.85	4724	30.48	4764	32.12	4804	33.76	4844	35.48		
7075	5600	5649	23.72	4844	25.41	4764	27.14	4801	28.96	4841	30.47	4884	32.86	4924	33.76	4964	35.47	5004	37.17		
7328	5800	5881	25.18	5004	26.83	4924	28.53	4961	30.38	5004	32.13	5044	33.84	5084	35.49	5124	37.22	5164	38.99		
7580	6000	6114	26.53	5164	28.32	5041	30.11	5081	31.95	5124	33.88	5164	35.62	5204	37.36	5244	39.88	5284	40.86		
7833	6200	6351	28.17	5324	29.87	5204	31.72	5241	33.58	5281	35.48	5324	37.39	5364	39.28	5404	41.87	5444	42.85		
8086	6400	6581	29.95	5484	31.52	5381	33.39	5421	35.38	5464	37.21	5504	39.13	5544	41.16	5584	43.11				
8338	6600	6814	31.57	5644	33.45	5481	35.13	5521	37.09	5564	39.05	5604	40.83	5644	43.07	5684	45.11				
8591	6800	7051	33.24	5804	35.32	5641	37.13	5681	38.94	5724	40.97	5764	42.99	5804	45.84						

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
3032	2400	2260	17.28	2317	18.36	2372	19.45	2426	20.56	2479	21.68
3285	2600	2467	18.22	2524	19.34	2579	20.48	2633	21.63	2686	22.79
3537	2800	2674	19.17	2731	20.33	2786	21.52	2840	22.71		
3790	3000	2882	20.17	2938	21.34	2993	22.57	3047	23.83		
4043	3200	3092	21.29	3148	22.58	3203	23.72	3257	24.95		
4295	3400	3302	22.43	3357	23.69	3412	24.96	3466	26.24		
4548	3600	3511	23.76	3569	25.01	3623	26.22	3677	27.55		
4801	3800	3729	25.21	3780	26.49	3835	27.77	3889	29.05		
5053	4000	3942	26.58	3994	28.08	4049	29.34				
5306	4200	4154	27.99	4209	29.29	4264	30.61				
5559	4400	4369	29.18	4423	30.66	4478	32.18				
5811	4600	4581	30.61	4637	32.15						
6064	4800										

# 17MH Industrial Exhauster

Wheel Dia. 29 5/8 Inlet Dia. 17 1/8 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	8.68	676	1.25	809	1.88	925	2.54	1028	3.27	1122	4.04	1208	4.85	1289	5.68	1366	6.54
2599	1600	538	8.83	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	558	8.99	705	1.69	833	2.43	946	3.24	1045	4.02	1136	4.86	1221	5.74	1301	6.69	1377	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	1383	8.25
3574	2200	600	1.41	743	2.24	863	3.09	971	3.99	1068	4.93	1158	5.94	1248	6.89	1317	7.86	1391	8.92
3899	2400	628	1.69	762	2.55	880	3.48	986	4.43	1083	5.41	1169	6.45	1252	7.55	1329	8.68	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	3.39	920	4.36	1019	5.43	1111	6.53	1197	7.67	1276	8.63	1352	10.04	1424	11.30
4874	3000	716	2.78	834	3.73	939	4.84	1039	6.00	1128	7.15	1212	8.35	1291	9.57	1365	10.80	1436	12.11
5198	3200	747	3.12	861	4.21	962	5.37	1059	6.62	1146	7.82	1228	9.09	1306	10.36	1379	11.64	1449	12.98
5523	3400	778	3.59	890	4.78	986	5.97	1078	7.24	1167	8.57	1246	9.85	1322	11.20	1394	12.56	1464	13.95
5848	3600	808	4.10	918	5.39	1013	6.62	1100	7.92	1196	9.33	1265	10.78	1339	12.08	1418	13.49	1478	14.95
6173	3800	838	4.66	946	6.02	1038	7.28	1123	8.65	1225	10.11	1286	11.61	1357	13.02	1427	14.54	1494	15.99
6498	4000	878	5.32	975	6.70	1066	8.07	1149	9.53	1277	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	1303	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	14.58	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	1396	16.68	1459	18.62	1524	20.42	1589	22.39
8123	5000	1049	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	1383	17.62	1446	19.43	1509	21.32	1569	23.10	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	1650	26.74
9098	5600	1155	12.69	1232	14.66	1303	16.55	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	25.98	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	16.78	1335	18.97	1398	21.02	1462	23.23	1524	25.48	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	11.53	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	1478	10.75	1537	11.91	1600	13.09	1662	14.30	1722	15.57	1779	16.86	1835	18.18	1890	19.51	1942	20.96
4224	2600	1491	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	13.68	1619	15.03	1679	16.26	1737	17.60	1794	18.95	1849	20.32	1902	21.71	1955	23.16
4874	3000	1504	13.44	1569	14.64	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	15.75	1642	17.34	1702	18.71	1759	20.09	1814	21.47	1867	22.86	1920	24.38	1971	25.83
5523	3400	1529	15.34	1593	16.80	1654	18.28	1713	19.81	1771	21.39	1826	22.82	1879	24.38	1931	25.65	1981	27.33
5848	3600	1544	16.42	1606	17.98	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	18.78	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	21.68	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	23.09	1726	24.71	1782	26.90	1837	28.38	1890	30.10	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	35.38	1986	37.28	2036	39.32	2084	41.36
8448	5200	1688	27.23	1747	29.29	1800	31.23	1851	33.16	1902	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	35.18	1922	37.18	1972	39.19	2021	41.38	2068	43.42	2112	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	47.80
9423	5800	1751	32.28	1805	34.58	1859	36.77	1912	39.07	1964	41.34	2011	43.49	2057	45.64	2104	47.87	2158	50.14
9748	6000	1774	34.12	1827	36.42	1878	38.71	1931	41.00	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	48.09	2099	50.51	2144	52.81	2187	55.18
10397	6400	1827	38.51	1874	40.53	1924	42.93	1973	45.35	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	2016	50.07	2065	52.66	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	2000	23.43	2049	24.87	2098	26.33	2146	27.81	2192	29.31
4549	2800	2006	24.84	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	30.58	2165	32.08		
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	34.13	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	41.56				
7473	4600	2102	39.36	2149	41.39						
7798	4800	2116	41.33	2162	43.31						
8123	5000	2133	43.41	2177	45.49						
8448	5200	2146	45.53	2192	47.66						
8773	5400	2161	47.71								
9098	5600	2177	49.99								
9423	5800										

# 19MH Industrial Exhauster

Wheel Dia. 33 Inlet Dia. 19 1/8 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	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
2822	1400	457	0.78	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	0.95	619	1.68	737	2.48	838	3.28	929	4.16	1013	5.09	1090	6.00	1162	7.10	1230	8.16
3628	1800	494	1.14	633	1.94	748	2.79	849	3.72	930	4.62	1020	5.59	1096	6.60	1160	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	686	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	1266	12.07
5644	2800	615	2.67	725	3.80	826	5.01	915	6.24	997	7.50	1074	8.82	1146	10.15	1214	11.54	1276	12.99
6047	3000	642	3.10	749	4.29	843	5.56	933	6.90	1013	8.23	1088	9.59	1159	11.00	1225	12.43	1289	13.92
6451	3200	670	3.59	773	4.84	864	6.17	951	7.68	1029	8.99	1102	10.43	1172	11.90	1236	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	13.80	1266	15.50	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	7.70	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	17.48	1315	19.22	1372	21.05
8870	4400	850	7.78	930	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	12.48	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	1310	21.35	1368	23.48	1426	25.66
10079	5000	943	10.81	1016	12.77	1086	14.88	1154	16.88	1214	18.65	1275	20.86	1331	22.80	1387	25.03	1443	27.26
10482	5200	974	11.98	1045	14.03	1113	16.14	1179	18.28	1238	20.26	1298	22.33	1354	24.58	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	1230	21.33	1291	23.68	1346	25.63	1400	28.08	1452	30.37	1502	32.60
11692	5800	1068	16.03	1137	18.41	1198	20.67	1257	23.01	1317	25.43	1371	27.60	1422	29.77	1476	32.35	1523	34.60
12095	6000	1100	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	19.20	1199	21.81	1255	24.16	1313	26.70	1368	29.20	1423	31.80	1473	34.18	1521	36.37	1570	39.37

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	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
4031	2000	1305	18.78	1366	11.95	1425	13.23	1483	14.53	1534	15.85	1586	17.21	1637	18.56	1685	19.90	1733	21.39
4435	2200	1312	11.40	1372	12.76	1438	14.11	1496	15.48	1548	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	19.36	1648	20.89	1696	22.42	1744	23.97
5241	2600	1329	13.36	1387	14.66	1444	16.09	1499	17.54	1552	19.08	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	1616	23.11	1668	24.76	1715	26.43	1762	28.11
6451	3200	1361	16.51	1420	18.11	1474	19.81	1528	21.51	1579	23.09	1629	24.68	1676	26.28	1723	27.93	1770	29.69
6854	3400	1373	17.63	1433	19.31	1485	21.01	1538	22.78	1588	24.55	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	1562	25.57	1611	27.45	1660	29.25	1708	31.32	1754	33.34	1800	35.38
8063	4000	1413	21.49	1469	23.37	1522	25.24	1573	27.13	1623	29.03	1671	31.00	1719	32.99	1764	34.99	1810	37.18
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
8870	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	1718	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	45.20	1871	47.54
10482	5200	1515	31.38	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	40.14	1725	42.64	1770	45.04	1814	47.47	1857	49.50	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	1620	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	1640	43.06	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	55.28	1885	58.05	1928	60.70	1963	63.34
12902	6400	1640	44.27	1682	46.59	1727	49.35	1771	52.17	1814	54.90	1858	57.92	1902	60.64	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	1961	66.67		
13708	6800	1685	49.14	1730	52.21	1771	54.87	1812	57.85	1854	60.95	1896	63.94	1935	66.57				

CFM	CV	19.00 SP		20.00 SP		21.00 SP		22.00 SP		23.00 SP	
		RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
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	30.02	1926	31.97		
5644	2800	1801	28.33	1845	30.06	1889	31.08	1932	33.57		
6047	3000	1807	29.80	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	39.18	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				
8870	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										





## 23MH Industrial Exhauster

Wheel Dia. 40 Inlet Dia. 23 1/8 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	1008	11.05
4739	1600	392	1.46	511	2.46	608	3.64	692	4.83	767	6.11	835	7.47	899	8.93	959	10.44	1015	11.99
5321	1800	407	1.87	522	2.85	617	4.10	700	5.47	774	6.79	841	8.21	904	9.78	964	11.38	1019	12.95
5923	2000	426	2.38	535	3.29	628	4.64	709	6.06	783	7.68	849	9.06	911	10.68	969	12.24	1024	13.93
6516	2200	444	2.38	550	3.79	639	5.22	719	6.73	791	8.32	858	10.03	918	11.64	975	13.27	1030	15.06
7108	2400	465	2.85	564	4.31	652	5.87	730	7.48	803	9.14	866	10.69	927	12.75	984	14.53	1037	16.29
7708	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	1045	17.74
8293	2800	508	3.92	599	5.50	681	7.37	755	9.17	823	11.82	886	12.95	945	14.91	1001	16.95	1055	19.09
8885	3000	530	4.56	616	6.31	696	8.17	770	10.14	835	12.88	897	14.18	956	16.17	1011	18.26	1063	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	19.78	1075	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	1084	23.55
10662	3600	600	6.92	680	9.10	750	11.18	815	13.38	879	15.76	937	18.05	992	20.48	1044	22.78	1095	25.25
11255	3800	625	7.98	701	10.16	769	12.29	832	14.61	892	17.08	952	19.61	1005	21.99	1057	24.58	1106	27.01
11847	4000	658	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	20.83	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	24.58	1049	27.39	1091	30.32	1147	33.08
13624	4600	727	12.80	791	15.47	853	18.23	909	20.80	964	23.64	1014	26.33	1064	29.38	1115	32.37	1162	35.39
14217	4800	752	14.28	814	17.06	874	19.93	931	22.77	982	25.45	1032	28.40	1081	31.37	1128	34.49	1177	37.71
14809	5000	778	15.88	838	18.76	896	21.74	952	24.80	1001	27.41	1052	30.67	1098	33.52	1144	36.76	1191	40.06
15401	5200	803	17.68	862	20.61	918	23.71	973	26.86	1023	29.76	1071	32.01	1117	36.08	1161	39.15	1205	42.52
15994	5400	829	19.45	887	22.62	941	25.81	994	29.04	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	40.23	1196	44.62	1239	47.89
17179	5800	881	23.55	938	27.04	988	30.37	1037	33.61	1086	37.16	1131	40.65	1174	43.74	1217	47.59	1256	50.84
17771	6000	908	25.80	964	29.47	1012	32.96	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	1120	42.90	1174	46.73	1215	50.38	1255	53.43	1295	57.53
18956	6400	961	30.78	1015	34.76	1060	38.46	1109	42.06	1146	45.66	1199	49.66	1239	53.46	1279	56.56	1319	60.77
19549	6600	989	33.49	1042	37.21	1088	41.31	1137	45.23	1173	48.59	1227	52.63	1263	56.65	1303	59.74	1343	64.15
20142	6800	1017	36.34	1070	40.14	1117	44.28	1166	47.82	1202	51.56	1255	55.64	1287	59.78	1327	62.96	1367	67.61
20735	7000	1046	39.33	1100	43.16	1147	47.37	1196	50.93	1231	54.54	1283	58.67	1316	62.96	1356	66.13	1391	71.15
21328	7200	1076	42.46	1131	46.34	1178	50.60	1227	54.16	1260	57.51	1311	61.54	1345	65.92	1385	69.18	1415	74.30
21921	7400	1107	45.73	1163	49.68	1211	53.61	1259	57.27	1290	60.36	1340	64.41	1374	68.86	1414	72.26	1439	77.54
22514	7600	1139	49.15	1196	53.18	1245	56.76	1299	60.06	1329	63.14	1369	67.26	1403	71.77	1443	75.21	1463	80.88
23107	7800	1172	52.72	1230	56.80	1280	60.00	1339	62.99	1369	66.03	1408	70.17	1432	74.71	1472	78.11	1487	84.31
23700	8000	1206	56.44	1265	60.58	1319	64.84	1380	66.88	1400	68.86	1447	73.14	1461	77.72	1501	81.16	1511	87.84
24293	8200	1241	60.21	1301	64.41	1359	68.73	1431	70.82	1451	71.86	1486	76.16	1499	80.71	1520	84.14	1531	91.43
24886	8400	1277	64.13	1338	68.39	1400	72.86	1462	72.51	1482	74.00	1511	79.16	1529	83.70	1549	87.14	1551	95.08
25479	8600	1314	68.20	1376	72.52	1441	76.95	1503	76.65	1513	76.65	1542	81.61	1568	86.70	1588	91.24	1591	98.77
26072	8800	1352	72.43	1415	76.81	1483	81.16	1544	80.54	1554	79.16	1583	84.80	1607	90.11	1627	95.54	1611	102.56
26665	9000	1391	76.81	1456	81.33	1526	85.51	1586	84.56	1596	81.66	1622	88.26	1647	93.61	1657	98.84	1631	106.43
27258	9200	1431	81.36	1498	86.16	1569	90.03	1629	89.63	1637	84.16	1657	91.76	1687	97.16	1707	103.36	1651	110.36
27851	9400	1472	86.05	1541	91.11	1613	95.16	1673	94.86	1673	89.46	1697	95.16	1727	102.16	1747	108.36	1671	114.36
28444	9600	1514	90.96	1586	96.24	1658	100.36	1719	100.16	1719	94.16	1741	99.16	1767	107.16	1787	115.36	1691	118.36
29037	9800	1557	96.11	1633	101.56	1705	105.71	1766	105.66	1766	99.16	1787	104.16	1807	112.16	1817	121.36	1711	122.36
29630	10000	1601	101.51	1681	107.11	1753	111.31	1813	111.46	1813	104.16	1827	109.16	1847	117.16	1867	127.36	1731	126.36
30223	10200	1646	107.16	1730	112.91	1802	117.31	1861	117.46	1861	110.16	1883	122.16	1903	125.16	1923	133.36	1751	130.36
30816	10400	1692	113.06	1780	118.91	1852	123.41	1910	123.66	1910	116.16	1933	130.16	1953	133.16	1973	141.36	1771	134.36
31409	10600	1739	119.21	1831	125.11	1903	129.71	1960	130.06	1960	122.16	1983	138.16	2003	141.16	2023	150.36	1791	138.36
32002	10800	1787	125.61	1883	131.51	1956	136.21	2017	136.66	2017	128.16	2040	147.16	2060	150.16	2080	160.36	1811	142.36
32595	11000	1836	132.16	1936	138.11	2010	142.91	2075	143.16	2075	134.16	2100	157.16	2120	160.16	2140	170.36	1831	146.36
33188	11200	1886	138.91	1990	144.81	2065	149.31	2130	149.66	2130	140.16	2155	167.16	2175	170.16	2195	180.36	1851	150.36
33781	11400	1937	145.86	2045	151.81	2121	156.01	2186	156.06	2186	146.16	2210	177.16	2230	180.16	2250	190.36	1871	154.36
34374	11600	1989	153.01	2101	158.91	2178	163.11	2241	163.16	2241	152.16	2265	187.16	2285	190.16	2305	200.36	1891	158.36
34967	11800	2042	160.36	2158	166.16	2236	170.36	2297	170.46	2297	158.16	2320	197.16	2340	200.16	2360	210.36	1911	162.36
35560	12000	2096	167.91	2216	173.51	2294	177.71	2358	177.76	2358	164.16	2380	207.16	2400	210.16	2420	220.36	1931	166.36
36153	12200	2151	175.61	2275	180.91	2353	185.11	2417	185.16	2417	170.16	2439	217.16	2459	220.16	2479	230.36	1951	170.36
36746	12400	2207	183.46	2335	188.41	2413	192.61	2477	192.66	2477	176.16	2499	227.16	2519	230.16	2539	240.36	1971	174.36
37339	12600	2264	191.46	2396	196.01	2471	199.91	2536	199.96	2536	182.16	2557	237.16	2577	240.16	2597	250.36	1991	178.36
37932	12800	2322	199.61	2458	203.81	2530	207.31	2596	207.36	2596	188.16	2617	247.16	2637	250.16	2657	260.36	2011	182.36
38525	13000	2381	207.96	2521	211.81	2590	214.81	2657	214.86	2657	194.16	2677	257.16	2697	260.16	2717	270.36	2031	186.36
39118	13200	2441	216.51	2585	220.01	2646	222.41	2718	222.46	2718	200.16	2737	267.16	2757	270.16	2777	280.36	2051	190.36
39711	13400	2502	225.26	2650	228.41	2707	230.11	2780	230.16										

## 26MH Industrial Exhauster

Wheel Dia. 45<sup>1</sup>/<sub>8</sub> Inlet Dia. 26<sup>1</sup>/<sub>8</sub> 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	RPM	BHP
5277	1400	335	1.46	444	2.78	551	4.83	687	5.46	875	7.82	1136	8.69	1493	18.41	1845	12.21	2296	14.06	2851	15.26
6831	1600	348	1.78	453	3.13	559	4.63	613	6.14	688	7.77	741	9.51	797	11.36	858	13.28	920	15.26	980	16.48
8785	1800	361	2.13	463	3.62	547	5.22	621	6.96	686	8.64	746	10.85	801	12.35	854	14.38	904	16.48	964	17.72
11308	2000	377	2.56	474	4.18	557	5.98	628	7.91	694	9.67	752	11.53	807	13.49	859	15.57	908	17.72	968	19.16
12862	2200	394	3.02	486	4.62	566	6.64	637	8.57	701	10.59	760	12.76	814	14.81	865	16.89	913	19.16	973	20.73
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	979	22.57
9880	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	987	24.30
10554	2800	450	4.98	531	7.10	604	9.38	669	11.66	729	14.03	786	16.49	838	18.90	887	21.58	935	24.30	995	26.02
11308	3000	470	5.80	548	8.03	617	10.48	682	12.90	741	15.18	796	17.94	847	20.57	896	23.24	943	26.02	1003	27.91
12862	3200	490	6.70	565	9.05	631	11.53	695	14.22	752	16.81	804	19.50	857	22.26	906	25.07	951	27.91	1009	29.90
12816	3400	511	7.71	584	10.20	648	12.82	708	15.56	766	18.41	818	21.18	868	24.84	915	26.99	961	29.90	1015	32.13
13578	3600	532	8.81	603	11.50	665	14.23	722	17.03	779	20.05	830	22.99	879	25.97	925	28.99	971	32.13	1021	34.37
14324	3800	554	10.06	621	12.93	683	15.64	737	18.59	791	21.73	844	24.96	891	27.99	937	31.18	981	34.37	1027	36.62
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	36.62	1033	38.87
15831	4200	599	12.92	660	16.04	719	19.24	771	22.31	820	25.50	869	28.96	918	32.54	962	35.95	1004	38.87	1039	41.12
16585	4400	622	14.55	680	17.80	737	21.10	788	24.20	837	27.72	884	31.17	930	34.05	976	38.59	1016	41.12	1045	43.38
17339	4600	644	16.29	701	19.68	756	23.20	806	26.40	854	30.89	899	33.51	943	37.29	988	41.20	1030	43.38	1051	45.64
18093	4800	667	18.18	722	21.72	775	25.35	825	28.90	871	32.39	915	36.15	956	39.92	1000	43.90	1043	45.64	1057	47.90
18847	5000	689	20.21	743	23.80	794	27.67	844	31.57	886	34.88	933	39.83	973	42.66	1014	46.78	1055	47.90	1063	50.16
19601	5200	712	22.40	764	26.23	814	30.18	862	34.19	907	37.87	949	41.76	990	45.82	1029	49.83	1069	50.16	1069	52.41
20355	5400	735	24.75	787	28.78	834	32.85	881	36.95	925	41.84	966	44.61	1007	49.18	1044	53.81	1075	52.41	1075	54.66
21109	5600	758	27.27	809	31.51	855	35.67	908	39.80	944	44.28	984	48.83	1024	52.35	1062	56.78	1081	54.66	1081	56.91
21863	5800	781	29.97	831	34.42	876	38.65	928	43.83	963	47.55	1003	51.73	1040	55.66	1079	58.57	1087	56.91	1087	59.16
22617	6000	805	32.84	854	37.51	897	41.82	948	46.39	981	50.98	1022	55.62	1058	59.58	1096	64.20	1096	59.16	1096	61.39
23370	6200	828	35.90	877	40.77	918	45.17	968	49.92	1000	54.59	1041	59.47	1077	63.76	1112	68.08	1096	61.39	1096	63.64

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	28.81	999	22.34	1042	24.73	1083	27.17	1122	29.65	1160	32.17	1197	34.74	1232	37.35	1267	40.00	1301	42.80
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	1305	45.20
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	44.63	1309	47.29
9800	2600	972	24.99	1014	27.42	1056	30.89	1096	32.80	1135	35.54	1172	38.32	1209	41.27	1245	44.26	1279	47.29	1313	49.77
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	1317	52.56
11308	3000	987	29.09	1030	31.89	1071	34.73	1110	37.51	1147	40.31	1184	43.23	1220	46.30	1255	49.42	1289	52.56	1323	55.51
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	1329	58.73
12816	3400	1004	32.97	1046	36.11	1086	39.28	1126	42.59	1163	45.90	1199	49.25	1234	52.40	1268	55.54	1302	58.73	1333	62.41
13578	3600	1014	35.38	1054	38.47	1094	41.76	1133	45.18	1170	48.58	1206	52.08	1242	55.69	1276	59.08	1308	62.41	1339	66.15
14324	3800	1023	37.78	1064	41.04	1103	44.38	1140	47.81	1178	51.33	1214	54.87	1249	58.56	1283	62.34	1316	66.15	1341	69.15
15078	4000	1033	40.38	1074	43.69	1113	47.20	1151	50.72	1187	54.28	1222	57.97	1257	61.69	1290	65.42	1323	69.15	1347	72.62
15831	4200	1045	42.90	1084	46.43	1123	50.11	1160	53.94	1196	57.49	1231	61.19	1265	65.02	1299	68.91	1331	72.62	1351	75.65
16585	4400	1056	45.72	1096	49.42	1133	53.11	1178	56.96	1206	60.82	1241	64.68	1275	68.56	1307	72.48	1339	75.65	1351	78.42
17339	4600	1069	48.78	1107	52.51	1144	56.38	1188	60.24	1216	64.24	1251	68.27	1284	72.32	1317	76.36	1349	80.42	1351	83.18
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	83.18	1358	85.91
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	1366	85.91	1366	88.63
19601	5200	1108	58.52	1147	62.95	1182	67.13	1215	71.27	1250	75.61	1283	79.96	1315	84.35	1347	88.74	1378	93.18	1378	95.85
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	1388	100.74
21109	5600	1135	65.56	1171	70.24	1208	75.01	1243	79.75	1275	84.22	1307	88.67	1338	93.31	1369	98.83	1400	102.74	1400	105.66
21863	5800	1158	69.37	1185	74.14	1220	79.83	1256	83.97	1289	88.86	1320	93.40	1351	98.89	1381	102.87	1411	107.76	1411	110.69
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	1423	115.83
23370	6200	1182	77.86	1215	82.56	1248	87.66	1280	92.76	1314	98.85	1347	103.34	1378	108.55	1407	113.49	1436	118.43	1436	121.65
24124	6400	1200	82.78	1230	87.13	1263	92.38	1296	97.55	1326	102.83	1359	108.30	1390	113.75	1421	119.15	1450	124.67	1450	126.49
24878	6600	1216	87.24	1248	92.46	1278	97.85	1318	102.50	1342	107.93	1371	113.43	1403	119.84	1434	124.67	1461	127.49	1461	129.31
25632	6800	1232	91.88	1265	97.63	1295	102.59	1325	107.62	1356	113.22	1386	118.82	1415	124.48	1446	129.31	1469	130.31	1469	132.13

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	56.60	1409	59.70		
10554	2800	1317	52.97	1350	56.20	1381	59.47	1413	62.77		
11308	3000	1321	55.74	1354	59.07	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		
13578	3600</										

## 29MH Industrial Exhauster

Wheel Dia. 50<sup>1</sup>/<sub>2</sub> Inlet Dia. 29<sup>1</sup>/<sub>8</sub> 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	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
6689	1400	299	1.83	397	3.36	475	5.85	542	6.84	603	8.08	658	10.08	709	13.04	756	15.29	800	17.61		
7553	1600	311	2.23	405	3.92	482	5.88	549	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	13.09	716	15.46	763	18.01	808	20.64		
9441	2000	337	3.21	424	5.24	497	7.39	562	9.66	620	12.13	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		
11330	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	12.80	579	16.06	632	19.49	684	23.06	731	26.32	775	30.18	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	16.28	609	19.59	659	23.29	707	27.22	754	31.26	796	35.05	837	39.05	876	43.05		
18883	4000	515	14.31	572	18.04	625	21.72	674	25.64	720	29.50	765	33.71	808	37.07	848	41.90	896	46.12		
19828	4200	535	16.19	590	20.08	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	20.48	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	770	40.56	818	45.27	856	49.99	894	54.90	932	60.10		
23604	5000	616	25.31	664	29.91	710	34.66	754	39.54	790	43.60	833	48.69	869	53.43	906	58.29	943	63.85		
24549	5200	636	28.09	683	32.85	728	37.80	771	42.82	808	47.43	848	52.30	884	57.30	920	62.41	957	67.77		
25493	5400	657	31.00	703	36.05	746	41.14	787	46.28	827	51.40	863	55.07	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	69.71	964	75.05	995	81.04		
28325	6000	719	41.13	763	46.97	801	52.39	840	58.18	877	63.85	913	69.66	946	74.52	979	80.41	1011	86.54		
29270	6200	740	44.99	783	51.07	820	56.57	858	62.53	894	68.37	930	74.48	963	79.06	994	85.16	1026	91.71		
30214	6400	761	49.04	803	55.42	839	60.96	877	66.81	913	72.84	949	79.44	982	84.11	1017	90.01	1041	97.11		
31158	6600	782	53.34	823	59.99	858	64.75	896	70.80	932	77.43	968	84.11	1001	89.06	1036	95.06	1056	103.11		
32102	6800	803	57.93	843	64.76	877	68.96	915	75.00	951	81.84	987	89.06	1020	94.11	1051	100.11	1071	109.11		
33046	7000	824	62.77	863	69.83	897	73.41	934	79.49	970	86.43	1000	94.11	1039	99.11	1070	105.11	1086	115.11		
34000	7200	845	67.86	883	75.16	918	78.11	953	84.28	993	91.00	1019	99.11	1058	104.11	1089	110.11	1101	121.11		
34954	7400	866	73.20	903	80.73	939	82.96	976	91.37	1016	98.00	1038	104.11	1077	109.11	1108	115.11	1116	127.11		
35908	7600	887	78.79	923	86.54	960	87.83	1000	98.22	1039	106.00	1060	109.11	1098	114.11	1127	120.11	1125	133.11		
36862	7800	908	84.61	943	92.61	981	93.96	1020	104.71	1060	113.00	1081	114.11	1117	119.11	1146	125.11	1134	139.11		
37816	8000	929	90.94	963	98.94	1002	100.33	1041	111.00	1081	120.00	1102	119.11	1136	124.11	1165	130.11	1142	145.11		
38770	8200	950	97.53	983	105.47	1023	107.11	1062	118.33	1102	127.00	1123	124.11	1155	129.11	1184	135.11	1150	151.11		
39724	8400	971	104.37	1003	112.26	1044	114.66	1083	125.80	1123	134.00	1144	129.11	1174	134.11	1203	140.11	1157	157.11		
40678	8600	992	111.46	1023	119.46	1065	122.11	1104	133.63	1144	141.00	1165	134.11	1194	139.11	1223	145.11	1164	163.11		
41632	8800	1013	118.80	1043	126.95	1086	129.66	1125	141.50	1165	148.00	1186	139.11	1214	144.11	1243	150.11	1171	169.11		
42586	9000	1034	126.39	1063	134.68	1107	137.33	1146	150.00	1186	155.00	1207	144.11	1234	149.11	1263	155.11	1178	175.11		
43540	9200	1055	134.23	1083	142.65	1128	145.46	1167	158.00	1207	162.00	1228	149.11	1254	154.11	1283	160.11	1185	181.11		
44494	9400	1076	142.47	1103	150.84	1149	153.89	1188	166.00	1228	170.00	1249	154.11	1274	159.11	1303	165.11	1192	187.11		
45448	9600	1097	150.91	1123	159.26	1170	162.52	1209	174.00	1249	178.00	1270	159.11	1294	164.11	1323	170.11	1199	193.11		
46402	9800	1118	159.64	1143	167.93	1191	170.55	1230	182.00	1270	186.00	1291	164.11	1314	169.11	1343	175.11	1206	199.11		
47356	10000	1139	168.47	1163	176.84	1212	179.18	1251	190.00	1291	194.00	1312	169.11	1334	174.11	1363	180.11	1213	205.11		
48310	10200	1160	177.50	1183	185.99	1233	187.91	1272	198.00	1312	202.00	1333	174.11	1354	179.11	1383	185.11	1220	211.11		
49264	10400	1181	186.83	1203	195.36	1254	197.24	1293	206.00	1333	210.00	1354	179.11	1374	184.11	1403	190.11	1227	217.11		
50218	10600	1202	196.36	1223	204.93	1275	206.67	1314	214.00	1354	218.00	1375	184.11	1394	189.11	1423	195.11	1234	223.11		
51172	10800	1223	206.09	1243	214.74	1296	216.50	1335	222.00	1375	226.00	1396	189.11	1414	194.11	1443	200.11	1241	229.11		
52126	11000	1244	216.02	1263	224.77	1317	226.53	1356	230.00	1396	234.00	1417	194.11	1434	199.11	1463	205.11	1248	235.11		
53080	11200	1265	226.45	1283	234.90	1338	237.16	1377	238.00	1417	242.00	1438	199.11	1454	204.11	1483	210.11	1255	241.11		
54034	11400	1286	237.28	1303	245.23	1359	244.29	1398	246.00	1438	250.00	1459	204.11	1474	209.11	1503	215.11	1262	247.11		
54988	11600	1307	248.41	1323	255.76	1380	251.82	1419	254.00	1459	258.00	1480	209.11	1494	214.11	1523	220.11	1269	253.11		
55942	11800	1328	259.84	1343	266.39	1401	258.95	1440	262.00	1480	266.00	1501	214.11	1514	219.11	1543	225.11	1276	259.11		
56896	12000	1349	271.57	1363	277.22	1422	266.18	1461	270.00	1501	274.00	1522	219.11	1534	224.11	1563	230.11	1283	265.11		
57850	12200	1370	283.60	1383	288.25	1443	273.81	1482	278.00	1522	282.00	1543	224.11	1554	229.11	1583	235.11	1290	271.11		
58804	12400	1391	295.93	1403	299.38	1464	281.94	1503	286.00	1543	290.00	1564	229.11	1574	234.11	1603	240.11	1297	277.11		
59758	12600	1412	308.46	1423	310.71	1485	290.17	1524	294.00	1564	298.00	1585	234.11	1594	239.11	1623	245.11	1304	283.11		
60712	12800	1433	321.19	1443	322.24	1506	298.80	1545	302.00	1585	306.00	1606	239.11	1614	244.11	1643	250.11	1311	289.11		
6166																					

## 33MH Industrial Exhauster

Wheel Dia. 57<sup>1</sup>/<sub>2</sub> Inlet Dia. 33<sup>1</sup>/<sub>8</sub> Maximum RPM at 70° F.

Std. Wheel & Std. Shaft 996  H.D. Wheel & H.D. Shaft 1162

*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	RPM	BHP
8568	1400	263	2.37	348	4.30	417	6.55	476	8.87	530	11.41	578	14.10	622	16.91	664	19.62	703	22.63		
9792	1600	273	2.89	355	5.09	425	7.92	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	14.83	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	5.68	392	8.91	454	12.13	508	15.46	557	18.88	602	22.51	645	26.35	685	30.03	722	33.65		
15913	2600	338	6.54	404	10.11	464	13.63	516	17.32	565	20.79	609	24.53	651	28.45	691	32.68	728	36.65		
17137	2800	353	6.99	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	5.41	430	13.03	484	16.89	535	20.95	581	24.97	624	29.12	665	33.40	703	37.74	740	42.26		
19585	3200	385	10.89	443	14.69	496	18.73	546	23.89	590	27.29	633	31.66	673	36.14	711	40.70	746	45.31		
20809	3400	401	12.51	458	16.78	508	20.82	555	25.26	601	29.90	642	34.38	681	39.03	718	43.82	754	48.67		
22033	3600	418	14.31	473	18.88	522	23.11	567	27.64	611	32.56	652	37.32	690	42.16	726	47.07	762	52.18		
23257	3800	435	16.33	488	21.08	535	25.39	578	30.29	621	35.29	663	40.53	699	45.44	735	50.62	770	55.81		
24481	4000	452	18.55	502	23.39	549	28.16	592	33.24	632	38.25	672	42.71	710	49.09	748	54.32	779	59.79		
25705	4200	470	20.98	518	26.04	564	31.24	605	36.22	644	41.48	682	47.82	720	52.83	755	58.37	788	63.92		
26930	4400	488	23.62	534	28.90	579	34.39	618	39.29	657	45.81	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	49.88	677	55.81	711	61.58	745	67.88	777	74.39	808	80.91	838	87.65		
33050	5400	577	40.19	617	46.74	655	53.33	691	60.80	726	66.64	758	72.44	791	79.85	820	86.87	850	93.38		
34274	5600	595	44.28	635	51.16	671	57.91	706	64.75	741	71.89	772	77.98	803	85.08	833	92.19	862	98.97		
35498	5800	613	48.65	653	55.88	687	62.76	722	69.87	756	77.28	787	83.99	816	90.38	847	98.34	874	105.86		
36722	6000	631	53.32	670	60.98	704	67.98	737	75.32	770	82.78	802	90.31	830	96.62	860	104.25	888	112.28		
37946	6200	650	58.29	688	66.21	728	73.34	753	81.86	785	88.64	817	96.55	845	103.53	873	110.41	901	118.92		

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		
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	49.98	887	54.24	917	58.65	946	63.43	974	68.88	1001	72.79		
15913	2600	763	40.57	796	44.52	829	48.85	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	55.08	846	60.16	877	65.29	906	70.18	935	74.93	962	79.77	989	84.80	1016	89.34		
20809	3400	788	53.54	821	58.64	852	63.78	883	69.15	912	74.66	941	79.97	968	85.88	995	90.21	1021	95.26		
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	89.18	980	95.80	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		
25705	4200	820	69.66	851	75.39	881	81.36	911	87.35	939	93.14	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	105.83	1000	111.92	1026	117.69	1053	124.29		
28154	4600	839	79.08	869	85.26	898	91.54	926	97.82	954	104.30	982	110.85	1008	117.42	1034	123.99	1059	130.57		
29378	4800	850	84.34	878	90.54	907	97.82	935	103.58	963	110.13	989	116.84	1016	123.68	1043	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	130.18	1049	137.22	1074	144.34		
31826	5200	870	95.02	900	102.21	927	109.80	954	115.71	981	122.76	1007	129.86	1032	136.96	1057	144.89	1081	151.49		
33050	5400	879	100.54	909	108.81	938	115.49	965	122.48	990	129.45	1016	136.75	1041	144.83	1066	151.58	1089	158.87		
34274	5600	891	106.45	919	114.84	948	121.88	976	129.48	1003	136.74	1028	143.97	1053	151.53	1075	159.16	1096	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	167.84	1106	174.96		
36722	6000	914	119.06	941	127.89	968	135.18	995	143.26	1022	151.67	1047	159.86	1073	167.63	1096	175.30	1127	183.24		
37946	6200	927	126.42	953	134.84	979	142.36	1005	150.61	1031	159.21	1057	167.78	1082	176.25	1105	184.28	1127	192.29		
39171	6400	941	134.48	965	141.44	991	149.83	1016	158.38	1043	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	166.58	1040	174.73	1064	183.83	1087	192.92	1111	203.11	1135	211.54	1158	220.95		

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
14689	2400	1027	77.56	1053	82.48	107					

## 7AH Industrial Exhauster

Wheel Dia. 12<sup>3</sup>/<sub>16</sub> Inlet Dia. 7 1<sup>1</sup>/<sub>8</sub> 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
304	1400	1187	0.18	1581	0.28	1901	0.38	2177	0.41	2426	0.54	2658	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
496	1800	1266	0.15	1645	0.26	1949	0.38	2214	0.51	2454	0.65	2673	0.79	2877	0.94	3070	1.10	3259	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	3088	1.18	3261	1.35
684	2200	1368	0.21	1719	0.34	2014	0.48	2278	0.62	2499	0.77	2711	0.94	2918	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	3290	1.56
714	2600	1466	0.28	1803	0.43	2088	0.59	2337	0.76	2559	0.92	2765	1.10	2956	1.28	3138	1.47	3309	1.67
769	2800	1528	0.32	1848	0.49	2126	0.65	2373	0.83	2593	1.01	2796	1.19	2986	1.38	3163	1.58	3334	1.78
824	3000	1570	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	2448	1.00	2665	1.20	2865	1.40	3048	1.60	3223	1.81	3389	2.03
914	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	2.06	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	3196	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	3478	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	2575	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	3745	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	4.48	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	4.65	3979	5.02

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	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	2200	3442	1.63	3604	1.82	3759	2.02	3908	2.21	4053	2.42	4190	2.62	4326	2.85	4459	3.08	4588	3.31
659	2400	3458	1.75	3616	1.94	3770	2.14	3919	2.35	4062	2.56	4200	2.77	4334	2.99	4463	3.21	4599	3.44
714	2600	3475	1.87	3634	2.07	3785	2.27	3930	2.48	4072	2.70	4218	2.92	4344	3.15	4473	3.38	4609	3.62
769	2800	3495	1.99	3652	2.20	3803	2.42	3948	2.64	4080	2.86	4222	3.08	4354	3.31	4484	3.56	4618	3.80
824	3000	3528	2.12	3674	2.34	3821	2.56	3966	2.79	4105	3.03	4240	3.26	4370	3.50	4497	3.74	4628	3.98
879	3200	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	3400	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	3600	3607	2.55	3756	2.80	3899	3.05	4036	3.30	4173	3.56	4302	3.82	4430	4.09	4551	4.36	4673	4.63
1044	3800	3638	2.71	3797	2.97	3929	3.22	4066	3.49	4198	3.75	4326	4.02	4453	4.29	4576	4.57	4690	4.86
1099	4000	3674	2.89	3818	3.14	3960	3.41	4097	3.68	4228	3.95	4355	4.23	4478	4.51	4600	4.80	4719	5.09
1154	4200	3711	3.07	3854	3.34	3992	3.60	4120	3.88	4250	4.17	4386	4.45	4509	4.74	4628	5.03	4744	5.32
1209	4400	3747	3.27	3891	3.54	4028	3.82	4158	4.09	4280	4.38	4417	4.68	4539	4.98	4658	5.20	4774	5.58
1264	4600	3785	3.46	3928	3.75	4065	4.04	4196	4.33	4323	4.62	4447	4.91	4578	5.22	4689	5.54	4804	5.89
1319	4800	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	5000	3859	3.88	4002	4.19	4138	4.51	4278	4.82	4396	5.13	4518	5.45	4637	5.76	4752	6.07	4866	6.40
1429	5200	3900	4.11	4040	4.43	4176	4.75	4307	5.08	4433	5.40	4555	5.73	4673	6.05	4780	6.38	4899	6.70
1484	5400	3942	4.34	4079	4.67	4213	5.00	4344	5.34	4470	5.68	4592	6.02	4718	6.35	4824	6.69	4936	7.03
1539	5600	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	5800	4028	4.83	4164	5.19	4294	5.54	4428	5.89	4545	6.26	4666	6.62	4784	6.98	4898	7.34	5009	7.71
1649	6000	4073	5.11	4206	5.46	4337	5.83	4462	6.19	4583	6.56	4704	6.93	4822	7.31	4925	7.68	5046	8.06
1704	6200	4119	5.39	4252	5.75	4379	6.12	4504	6.50	4625	6.80	4741	7.25	4850	7.64	4972	8.03	5083	8.42
1759	6400	4164	5.68	4296	6.06	4423	6.43	4547	6.82	4667	7.21	4783	7.69	4896	7.98	5010	8.29	5128	8.79
1814	6600	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	6800	4261	6.30	4387	6.69	4513	7.10	4634	7.49	4752	7.90	4868	8.31	4988	8.72	5089	9.14	5196	9.55

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
659	2400	4714	3.69	4807	3.94	4896	4.19	4972	4.45	5106	4.71	5207	4.99
714	2600	4722	3.86	4841	4.10	4957	4.34	4973	4.61	5107	4.88	5208	5.15
769	2800	4732	4.05	4851	4.30	4967	4.55	4980	4.81	5120	5.07	5200	5.33
824	3000	4742	4.24	4862	4.50	4978	4.76	4991	5.03	5132	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	5.10	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	6.29	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	6.70	5164	7.11	5268	7.44				
1374	5000	4978	6.74	5087	7.00	5194	7.42	5298	7.77				
1429	5200	5009	7.04	5118	7.35	5225	7.74						
1484	5400	5044	7.37	5150	7.71	5256	8.07						

## 9AH Industrial Exhauster

Wheel Dia. 15<sup>11</sup>/<sub>16</sub> Inlet Dia. 9 <sup>1</sup>/<sub>8</sub> 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	0.37	1229	0.33	1477	0.50	1691	0.69	1884	0.89	2059	1.10	2223	1.34	2376	1.59	2520	1.84
726	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	1270	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	1530	0.73	1740	0.99	1922	1.30	2090	1.43	2247	1.69	2395	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	0.80	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	1181	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	1.23	1873	1.51	2043	1.82	2197	2.14	2343	2.47	2490	2.81	2609	3.15
1457	3200	1272	0.71	1512	1.02	1710	1.33	1902	1.65	2073	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	2520	3.21	2657	3.59
1640	3600	1364	0.91	1594	1.26	1789	1.62	1968	1.97	2130	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	1869	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	3.60	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	2908	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	2996	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	5.52	2713	6.12	2832	6.71	2944	7.29	3056	7.88
2824	6200	2015	3.51	2193	4.08	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	2.03	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	3.38	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	3.86	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	5.28	3308	5.70	3409	6.11	3507	6.53	3602	6.95
1548	3400	2779	3.96	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	3052	5.34	3155	5.77	3261	6.21	3361	6.65	3459	7.11	3556	7.50	3627	8.05
1822	4000	2854	4.79	2966	5.20	3077	5.65	3183	6.10	3260	6.55	3364	7.01	3479	7.47	3574	7.94	3666	8.43
1913	4200	2883	5.09	2994	5.53	3103	5.97	3207	6.43	3280	6.90	3407	7.38	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	3350	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	2998	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	3028	6.80	3138	7.33	3244	7.87	3346	8.41	3444	8.95	3539	9.49	3631	10.03	3720	10.57	3804	11.11
2460	5400	3063	7.19	3169	7.72	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	8.68	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	3568	10.86	3654	11.48	3745	12.11	3824	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	10.02	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	13.63	3924	14.50	4007	15.18
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
1093	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	3852	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	4118	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

# 11AH Industrial Exhauster

Wheel Dia. 19 1/8 Inlet Dia. 11 1/8 Maximum RPM at 70° F.

□ Std. Wheel & Std. Shaft 2996    □ H.D. Wheel & H.D. Shaft 3395

*Higher speeds require special construction.*

CFM	CV	1,000 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
947	1400	756	0.26	1000	0.49	1212	0.74	1397	1.02	1546	1.32	1689	1.64	1823	1.99	1949	2.37	2067	2.76
1083	1600	706	0.31	1077	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	667	0.37	1048	0.64	1242	0.94	1411	1.26	1564	1.60	1703	1.95	1834	2.31	1956	2.71	2071	3.11
1354	2000	636	0.43	1072	0.73	1264	1.05	1427	1.39	1577	1.75	1715	2.12	1843	2.51	1963	2.91	2079	3.33
1489	2200	607	0.51	1095	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	580	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	554	0.69	1149	1.07	1331	1.46	1489	1.86	1631	2.27	1762	2.71	1884	3.16	2000	3.62	2112	4.11
1895	2800	529	0.79	1178	1.21	1355	1.62	1512	2.05	1652	2.48	1782	2.93	1903	3.41	2015	3.88	2124	4.39
2031	3000	506	0.89	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	483	1.05	1240	1.52	1409	1.98	1568	2.46	1709	2.95	1825	3.44	1942	3.94	2054	4.47	2160	5.01
2302	3400	461	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	439	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	417	1.54	1342	2.08	1498	2.64	1642	3.19	1774	3.75	1896	4.33	2012	4.91	2120	5.58	2222	6.00
2708	4000	396	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	375	1.94	1415	2.54	1566	3.16	1701	3.76	1829	4.37	1948	5.00	2068	5.63	2167	6.28	2259	6.92
2979	4400	354	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	333	2.42	1490	3.07	1634	3.74	1767	4.42	1887	5.08	2004	5.75	2113	6.43	2215	7.12	2316	7.82
3250	4800	312	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	291	2.98	1565	3.69	1706	4.40	1834	5.14	1951	5.87	2061	6.59	2169	7.32	2270	8.05	2367	8.80
3520	5200	270	3.29	1603	4.03	1743	4.77	1868	5.53	1985	6.38	2092	7.05	2197	7.80	2297	8.55	2394	9.33
3656	5400	249	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	228	3.98	1680	4.78	1818	5.57	1936	6.37	2052	7.21	2158	8.03	2257	8.83	2355	9.65	2449	10.46
3927	5800	207	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	186	4.77	1759	5.62	1893	6.48	2012	7.33	2120	8.20	2225	9.10	2323	9.98	2415	10.84	2567	11.71
4198	6200	165	5.21	1799	6.08	1931	6.97	2049	7.85	2155	8.73	2259	9.66	2356	10.58	2448	11.48	2592	12.36

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
1154	2800	2187	3.77	2298	4.21	2389	4.67	2485	5.15	2579	5.67	2669	6.19	2756	6.73	2841	7.28	2923	7.84
1489	2200	2190	4.82	2297	4.49	2396	4.97	2490	5.45	2582	5.95	2670	6.46	2757	7.01	2842	7.58	2924	8.15
1625	2400	2203	6.30	2304	4.77	2402	5.26	2497	5.78	2588	6.30	2676	6.83	2762	7.37	2844	7.91	2924	8.47
1760	2600	2215	8.60	2316	5.89	2412	5.68	2505	6.11	2595	6.65	2683	7.20	2768	7.76	2851	8.33	2931	8.91
1895	2800	2227	4.90	2327	5.42	2423	5.95	2516	6.49	2605	7.04	2691	7.59	2775	8.16	2857	8.76	2938	9.36
2031	3000	2241	5.22	2341	5.75	2435	6.32	2527	6.88	2616	7.45	2702	8.03	2785	8.61	2866	9.20	2944	9.81
2166	3200	2260	5.55	2357	6.11	2450	6.69	2548	7.28	2627	7.87	2713	8.48	2796	9.09	2877	9.70	2955	10.33
2302	3400	2279	5.91	2374	6.49	2466	7.08	2556	7.69	2642	8.31	2726	8.93	2808	9.57	2888	10.21	2966	10.86
2437	3600	2299	6.29	2394	6.89	2485	7.50	2572	8.11	2658	8.76	2741	9.41	2822	10.06	2900	10.73	2978	11.40
2572	3800	2318	6.67	2413	7.30	2504	7.94	2591	8.58	2675	9.23	2757	9.89	2838	10.57	2916	11.26	2992	11.96
2708	4000	2341	7.11	2433	7.73	2524	8.39	2611	9.06	2695	9.74	2775	10.41	2854	11.10	2932	11.81	3007	12.53
2843	4200	2365	7.57	2466	8.22	2554	8.87	2639	9.56	2714	10.26	2795	10.96	2873	11.67	2949	12.39	3023	13.11
2979	4400	2388	8.04	2497	8.72	2584	9.40	2668	10.08	2743	10.79	2814	11.52	2893	12.26	2968	13.00	3042	13.73
3114	4600	2412	8.53	2533	9.24	2620	9.95	2704	10.66	2775	11.37	2844	12.10	2912	12.86	2988	13.63	3062	14.41
3250	4800	2436	9.04	2572	9.76	2614	10.52	2697	11.26	2770	12.00	2836	12.74	2902	13.48	2978	14.28	3051	15.08
3385	5000	2459	9.56	2610	10.33	2657	11.10	2731	11.87	2801	12.64	2879	13.41	2955	14.18	3028	14.95	3101	15.77
3520	5200	2485	10.11	2654	10.90	2691	11.78	2764	12.58	2832	13.30	2903	14.10	2978	14.91	3051	15.71	3123	16.51
3656	5400	2512	10.69	2698	11.49	2735	12.32	2808	13.15	2874	13.98	2946	14.82	3021	15.65	3094	16.46	3165	17.31
3791	5600	2539	11.20	2736	12.12	2771	12.96	2842	13.82	2907	14.68	2978	15.55	3052	16.41	3123	17.27	3194	18.14
3927	5800	2567	11.80	2773	12.78	2807	13.64	2877	14.51	2946	15.40	3018	16.30	3091	17.19	3161	18.09	3232	18.98
4062	6000	2595	12.57	2811	13.45	2845	14.35	2914	15.25	2982	16.14	3057	17.07	3132	17.99	3201	18.92	3271	19.84
4198	6200	2624	13.27	2849	14.16	2883	15.07	2951	16.01	3027	16.93	3103	17.86	3178	18.82	3247	19.77	3319	20.73
4333	6400	2653	13.98	2887	14.91	2921	15.83	2989	16.79	3064	17.75	3140	18.70	3215	19.66	3284	20.65	3355	21.64
4468	6600	2683	14.72	2926	15.69	2959	16.64	3027	17.59	3101	18.59	3177	19.57	3251	20.56	3321	21.55	3392	22.57
4604	6800	2713	15.51	2966	16.49	2999	17.47	3067	18.46	3141	19.44	3217	20.46	3291	21.49	3361	22.58	3431	23.52

CFM	CV	19,000 SP		20,000 SP		21,000 SP		22,000 SP		23,000 SP		24,000 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1625	2400	3004	9.40	3002	9.69	3156	10.32	3232	10.95	3305	11.60	3376	12.26
1760	2600	3009	9.50	3005	10.03	3159	10.69	3233	11.34	3306	12.01	3376	12.68
1895	2800	3015	9.97	3001	10.58	3165	11.21	3236	11.84	3308	12.40	3378	13.12
2031	3000	3022	10.44	3006	11.08	3172	11.73	3244	12.38	3315	13.04	3384	13.71
2166	3200	3031	10.95	3105	11.59	3179	12						

# 13AH Industrial Exhauster

Wheel Dia. 22<sup>5</sup>/<sub>8</sub> Inlet Dia. 13 1/<sub>8</sub> 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	439	0.36	852	0.68	1024	1.04	1173	1.43	1307	1.85	1428	2.38	1541	2.75	1648	3.32	1747	3.86
1516	1600	459	0.43	868	0.78	1036	1.17	1182	1.59	1312	2.03	1433	2.58	1544	3.00	1648	3.51	1748	4.02
1705	1800	482	0.51	886	0.90	1050	1.31	1193	1.76	1322	2.23	1448	2.72	1558	3.24	1654	3.79	1751	4.35
1895	2000	706	0.61	98.6	1.03	1067	1.47	1206	1.94	1333	2.43	1449	2.97	1558	3.51	1659	4.07	1756	4.66
2084	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	940	1.33	1105	1.84	1239	2.36	1362	2.92	1474	3.58	1579	4.28	1678	4.73	1773	5.37
2463	2600	789	0.97	971	1.58	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	4.13	1608	4.77	1704	5.44	1796	6.14
2842	3000	850	1.28	1021	1.90	1168	2.51	1299	3.15	1416	3.88	1523	4.48	1625	5.13	1728	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	1825	7.02
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	1508	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	1723	7.37	1813	8.23	1898	9.09
3979	4200	1044	2.72	1196	3.58	1324	4.42	1438	5.27	1546	6.12	1647	6.99	1741	7.86	1832	8.78	1918	9.69
4169	4400	1078	3.04	1227	3.91	1353	4.81	1465	5.71	1570	6.60	1670	7.58	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	9.08	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	10.68	1978	11.61
4738	5000	1182	4.17	1323	5.16	1442	6.16	1558	7.28	1658	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	8.38	1706	9.44	1796	10.94	1882	11.62	1966	12.72	2046	13.82
5306	5600	1289	5.57	1420	6.69	1537	7.80	1638	8.91	1735	10.09	1824	11.24	1908	12.36	1991	13.58	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	10.98	1822	12.21	1909	13.52	1992	14.81	2069	16.06	2146	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	2338	9.42	2402	10.19	2471	10.97
2084	2200	1854	5.62	1941	6.28	2025	6.95	2105	7.63	2182	8.33	2257	9.04	2338	9.81	2402	10.60	2472	11.41
2274	2400	1863	6.01	1948	6.67	2031	7.37	2111	8.09	2188	8.81	2262	9.56	2334	10.31	2404	11.08	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	2408	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	2405	12.25	2483	13.18
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	2073	9.37	2147	10.19	2221	11.02	2294	11.85	2364	12.72	2432	13.58	2499	14.45
3221	3400	1927	8.28	2007	9.08	2085	9.92	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	10.58	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	2279	13.63	2346	14.58	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	15.18	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	19.08	2598	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	19.98	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	20.83	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	2120	14.96	2197	16.09	2270	17.24	2340	18.41	2408	19.57	2473	20.74	2537	21.90	2599	23.07	2659	24.23
5306	5600	2147	15.79	2220	16.97	2293	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	17.68	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	18.77	2290	19.82	2359	21.10	2426	22.48	2491	23.78	2556	25.00	2617	26.34	2678	27.67	2738	29.01
6064	6400	2243	19.97	2314	20.87	2382	22.16	2449	23.49	2514	24.84	2577	26.18	2637	27.52	2698	28.98	2758	30.28
6254	6600	2268	20.61	2338	21.95	2407	23.29	2472	24.62	2537	26.01	2599	27.39	2658	28.78	2719	30.16	2778	31.58
6443	6800	2295	21.78	2363	23.07	2431	24.46	2496	25.63	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	2548	12.78	2605	13.56	2670	14.44	2732	15.33	2794	16.24	2854	17.15
2463	2600	2543	13.29	2608	14.12	2678	14.96	2733	15.87	2794	16.80	2854	17.74
2653	2800	2549	13.85	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	18.99	2813	19.86		
3411	3600	2581	16.91	2644	17.87	2705	18.83	2764	19.83	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	2618	19.48	2679	20.46	2738	21.53	2796	22.62	2852	23.69		
4169	4400	2632	20.29	2692	21.37	2751	22.47	2809	23.58	2866	24.70		
4358	4600	2649	21.25	2708	22.35	2765	23.44	2823	24.58				
4548	4800	2665	22.23	2724	23.36	2780	24.50	2838	25.64				
4738	5000												



# 15AH Industrial Exhauster

Wheel Dia. 26<sup>1</sup>/<sub>8</sub> Inlet Dia. 1 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	1000	554	0.46	738	0.87	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	1208	4.42	1304	5.23	1393	6.07	1475	6.92	1555	7.82
3790	3000	736	1.63	884	2.41	1012	3.20	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	5.70	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	9.14	1610	10.13
4801	3800	847	2.73	982	3.70	1096	4.70	1202	5.68	1299	6.66	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	11.10	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	11.80	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	12.60	1695	13.93
6064	4800	993	4.79	1110	6.00	1222	7.22	1310	8.53	1404	9.74	1488	10.97	1567	12.21	1642	13.50	1713	14.78
6317	5000	1023	5.31	1145	6.57	1249	7.64	1342	9.16	1429	10.46	1509	11.74	1585	13.03	1662	14.35	1733	15.68
6570	5200	1054	5.86	1173	7.10	1276	8.19	1367	9.85	1453	11.23	1532	12.55	1609	13.90	1682	15.25	1752	16.62
6822	5400	1084	6.46	1202	7.82	1303	9.19	1393	10.57	1477	12.02	1556	13.41	1630	14.80	1703	16.19	1772	17.59
7075	5600	1115	7.09	1238	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	1708	17.77	1768	19.30	1835	20.85
7833	6200	1210	9.28	1317	10.84	1414	12.41	1500	13.90	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	1081	6.71	1076	7.51	1149	8.32	1219	9.18	1288	10.09	1354	11.03	1418	11.99	1480	12.96	1540	13.96
2779	2200	1096	7.15	1081	7.99	1154	8.85	1223	9.72	1290	10.60	1354	11.51	1418	12.49	1480	13.50	1540	14.52
3032	2400	1113	7.66	1087	8.50	1159	9.38	1228	10.29	1295	11.22	1359	12.16	1422	13.12	1482	14.10	1541	15.59
3285	2600	1121	8.19	1095	9.07	1166	9.97	1233	10.88	1300	11.84	1364	12.83	1425	13.83	1487	14.85	1546	16.68
3537	2800	1131	8.73	1103	9.66	1174	10.61	1242	11.57	1307	12.54	1370	13.52	1431	14.54	1492	15.60	1550	16.67
3790	3000	1142	9.29	1113	10.27	1182	11.25	1250	12.26	1315	13.27	1378	14.30	1439	15.34	1498	16.40	1555	17.47
4043	3200	1154	9.89	1125	10.89	1192	11.92	1260	12.97	1323	14.03	1386	15.18	1447	16.19	1506	17.29	1563	18.39
4295	3400	1168	10.53	1138	11.56	1203	12.61	1271	13.78	1334	14.80	1395	15.92	1457	17.05	1514	18.19	1572	19.34
4548	3600	1183	11.20	1152	12.26	1215	13.36	1283	14.46	1346	15.60	1407	16.76	1468	17.93	1523	19.11	1580	20.31
4801	3800	1197	11.89	1167	13.01	1228	14.15	1297	15.29	1358	16.44	1418	17.62	1477	18.84	1535	20.06	1590	21.30
5053	4000	1214	12.67	1181	13.77	1241	14.95	1311	16.14	1373	17.34	1432	18.55	1489	19.77	1546	21.03	1600	22.32
5306	4200	1231	13.49	1196	14.64	1256	15.79	1326	17.02	1388	18.23	1446	19.53	1503	20.79	1557	22.07	1611	23.36
5559	4400	1248	14.33	1215	15.54	1271	16.74	1342	17.95	1404	19.22	1461	20.53	1518	21.84	1570	23.17	1623	24.49
5811	4600	1266	15.20	1232	16.40	1287	17.72	1358	18.99	1421	20.25	1477	21.55	1532	22.92	1585	24.29	1635	25.67
6064	4800	1283	16.10	1250	17.42	1303	18.73	1375	20.05	1438	21.37	1493	22.63	1549	24.02	1600	25.44	1648	26.87
6317	5000	1300	17.02	1267	18.40	1321	19.77	1392	21.25	1456	22.52	1510	23.80	1566	25.26	1617	26.64	1660	28.09
6570	5200	1318	18.01	1286	19.41	1340	20.84	1410	22.27	1475	23.78	1525	25.13	1584	26.55	1634	27.86	1673	29.41
6822	5400	1337	19.04	1303	20.48	1359	21.94	1429	23.43	1494	24.91	1542	26.39	1602	27.80	1651	29.36	1687	30.84
7075	5600	1357	20.10	1323	21.60	1379	23.09	1449	24.62	1514	26.16	1562	27.70	1621	29.24	1670	30.77	1700	32.31
7328	5800	1377	21.21	1342	22.76	1400	24.31	1469	25.85	1535	27.44	1583	29.03	1641	30.63	1690	32.22	1719	33.81
7580	6000	1398	22.40	1362	23.95	1421	25.56	1481	27.16	1557	28.76	1604	30.41	1662	32.06	1711	33.71	1738	35.35
7833	6200	1421	23.63	1383	25.23	1443	26.85	1503	28.51	1579	30.17	1626	31.82	1684	33.52	1733	35.23	1757	36.93
8086	6400	1444	24.91	1404	26.56	1465	28.28	1525	29.90	1601	31.61	1648	33.32	1706	35.03	1755	36.79	1777	38.55
8338	6600	1468	26.23	1425	27.94	1487	29.64	1547	31.33	1623	33.10	1670	34.87	1728	36.63	1777	38.30	1799	40.28
8591	6800	1492	27.62	1447	29.37	1509	31.13	1569	32.88	1645	34.63	1691	36.46	1750	38.27	1799	40.09	1821	41.90

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
3032	2400	2190	14.37	2256	17.27	2332	18.30	2364	19.52	2419	20.67	2491	21.84
3285	2600	2203	16.92	2258	17.98	2332	19.05	2367	20.20	2420	21.39	2492	22.59
3537	2800	2209	17.76	2263	18.85	2337	19.97	2371	21.09	2422	22.23	2493	23.38
3790	3000	2212	18.68	2268	19.74	2342	20.89	2375	22.06	2427	23.24	2497	24.43
4043	3200	2219	19.51	2273	20.64	2347	21.83	2380	23.03	2432	24.26	2499	25.49
4295	3400	2227	20.51	2281	21.60	2354	22.87	2386	24.06	2437	25.28		
4548	3600	2235	21.52	2290	22.74	2362	23.97	2394	25.21	2445	26.46		
4801	3800	2244	22.55	2296	23.82	2351	25.09	2402	26.38	2453	27.68		
5053	4000	2256	23.61	2300	24.92	2358	26.23	2411	27.56	2461	28.98		
5306	4200	2267	24.78	2308	26.05	2371	27.41	2421	28.70	2470	30.15		
5559	4400	2279	25.83	2311	27.20	2383	28.60	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	2409	31.19	2457	32.64				

# 17AH Industrial Exhauster

Wheel Dia. 29<sup>5</sup>/<sub>8</sub> Inlet Dia. 17 1<sup>1</sup>/<sub>8</sub> 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	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	584	0.70	663	1.28	791	1.92	903	2.60	1002	3.32	1095	4.10	1179	4.91	1259	5.75	1335	6.68
2924	1800	521	0.84	677	1.47	802	2.15	911	2.80	1018	3.66	1108	4.46	1184	5.31	1263	6.28	1337	7.12
3249	2000	539	0.99	692	1.68	815	2.40	921	3.18	1018	4.01	1107	4.86	1190	5.75	1267	6.66	1341	7.63
3574	2200	568	1.17	707	1.91	829	2.69	934	3.51	1028	4.37	1115	5.28	1197	6.22	1274	7.19	1347	8.17
3899	2400	581	1.37	724	2.17	844	3.01	946	3.86	1040	4.78	1126	5.72	1206	6.72	1282	7.74	1354	8.78
4224	2600	663	1.56	742	2.45	859	3.35	961	4.27	1053	5.21	1138	6.21	1216	7.23	1291	8.31	1361	9.40
4549	2800	625	1.82	760	2.76	875	3.71	976	4.70	1067	5.69	1150	6.72	1228	7.80	1301	8.90	1371	10.05
4874	3000	649	2.18	780	3.18	892	4.11	992	5.15	1082	6.21	1164	7.27	1241	8.40	1313	9.55	1382	10.72
5198	3200	674	2.48	801	3.48	910	4.53	1007	5.63	1097	6.76	1178	7.89	1254	9.02	1326	10.24	1394	11.47
5523	3400	698	2.74	822	3.88	928	5.00	1024	6.15	1112	7.34	1194	8.54	1269	9.74	1339	10.94	1407	12.24
5848	3600	722	3.11	844	4.38	947	5.58	1042	6.78	1128	7.94	1209	9.21	1284	10.48	1354	11.75	1420	13.03
6173	3800	747	3.52	866	4.76	968	6.25	1060	7.38	1145	8.59	1224	9.91	1299	11.25	1369	12.59	1434	13.94
6498	4000	772	3.96	889	5.26	989	6.82	1079	7.95	1163	9.28	1240	10.65	1314	12.06	1384	13.47	1449	14.88
6823	4200	797	4.45	913	5.81	1011	7.24	1098	8.62	1181	10.02	1258	11.45	1330	12.89	1399	14.38	1465	15.86
7148	4400	823	4.97	937	6.40	1033	7.88	1119	9.35	1199	10.81	1275	12.28	1347	13.79	1415	15.32	1480	16.87
7473	4600	849	5.54	962	7.04	1055	8.56	1140	10.13	1218	11.64	1293	13.17	1364	14.73	1431	16.31	1495	17.92
7798	4800	876	6.16	986	7.72	1078	9.28	1162	10.94	1239	12.52	1312	14.11	1382	15.70	1448	17.36	1511	19.08
8123	5000	902	6.82	1010	8.45	1101	10.08	1184	11.78	1260	13.45	1331	15.10	1400	16.76	1465	18.45	1528	20.17
8448	5200	929	7.54	1035	9.23	1125	10.92	1206	12.66	1282	14.43	1351	16.14	1419	17.87	1483	19.59	1545	21.37
8773	5400	956	8.30	1060	10.06	1149	11.81	1228	13.59	1303	15.46	1372	17.25	1437	19.03	1502	20.82	1563	22.62
9098	5600	984	9.12	1085	10.95	1174	12.76	1251	14.59	1325	16.51	1393	18.40	1457	20.24	1520	22.10	1581	23.95
9423	5800	1011	10.00	1110	11.89	1198	13.77	1275	15.66	1347	17.63	1415	19.61	1478	21.52	1539	23.43	1600	25.36
9748	6000	1039	10.94	1136	12.88	1222	14.84	1299	16.79	1369	18.78	1436	20.85	1500	22.85	1559	24.82	1618	26.81
10072	6200	1067	11.94	1161	13.94	1247	15.96	1323	17.97	1391	19.99	1458	22.14	1522	24.24	1580	26.29	1637	28.32

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
3249	2000	1412	8.63	1478	9.65	1542	10.78	1604	11.80	1665	12.98	1723	14.16	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	1834	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	16.88	1836	18.13	1888	19.48
4224	2600	1430	10.53	1495	11.67	1557	12.82	1617	14.08	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	17.36	1791	18.70	1845	20.06	1896	21.44
4874	3000	1448	11.95	1511	13.20	1572	14.47	1631	15.76	1689	17.07	1744	18.39	1796	19.73	1850	21.08	1901	22.46
5198	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	24.68
5848	3600	1484	14.40	1545	15.79	1604	17.18	1660	18.59	1716	20.06	1770	21.55	1823	23.05	1873	24.57	1922	26.11
6173	3800	1497	15.28	1558	16.73	1617	18.19	1673	19.66	1727	21.14	1780	22.64	1832	24.22	1882	25.68	1931	27.39
6498	4000	1512	16.29	1571	17.71	1629	19.23	1686	20.76	1740	22.38	1792	23.86	1842	25.42	1893	27.05	1942	28.78
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	1915	29.79	1964	31.56
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	20.78	1631	22.39	1687	24.09	1741	25.76	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	26.98	1772	28.64	1824	30.47	1874	32.31	1922	34.15	1970	35.98	2016	37.82
8773	5400	1622	24.40	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	39.38	2015	41.43	2061	43.48
9748	6000	1675	28.80	1730	30.88	1784	32.87	1836	34.93	1885	36.98	1935	39.18	1983	41.22	2030	43.34	2074	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	45.30	2093	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	47.30	2106	49.57
10722	6600	1732	33.73	1786	35.93	1838	38.12	1888	40.29	1937	42.57	1985	44.84	2031	47.10	2077	49.36	2122	51.69
11047	6800	1753	35.52	1805	37.76	1857	40.83	1907	42.28	1955	44.54	2003	46.88	2049	49.22	2094	51.55	2137	53.88

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
3899	2400	1939	20.79	1990	22.28	2039	23.64	2087	25.18	2134	26.58	2179	28.08
4224	2600	1942	21.76	1991	23.12	2039	24.49	2087	25.96	2134	27.38	2180	29.04
4549	2800	1947	22.83	1996	24.25	2044	25.68	2092	27.12	2136	28.59	2180	29.86
4874	3000	1951	23.91	2000	25.36	2048	26.87	2094	28.37	2140	29.58	2185	31.41
5198	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	29.43	2104	30.94	2149	32.51		
5848	3600	1971	27.87	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	37.08	2178	38.77		
7148	4400	2010	33.22	2056	34.97	2101	36.78	2145	38.68	2189	40.43		
7473	4600	2023	34.79	2068	36.58	2112	38.37	2155	40.28				
7798	4800	2035	36.39	2080	38.24	2124	40.18	2167					

## 19AH Industrial Exhauster

Wheel Dia. 33 Inlet Dia. 19 1/8 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	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP
2622	1400	43.8	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	45.2	8.81	595	1.47	788	2.28	898	2.99	908	3.83	983	4.71	1059	5.64	1138	6.61	1198	7.68
3428	1800	46.6	8.96	608	1.69	798	2.47	908	3.31	906	4.28	987	5.12	1063	6.18	1134	7.13	1200	8.18
4631	2000	48.4	1.14	621	1.94	731	2.79	827	3.55	914	4.68	994	5.59	1068	6.61	1138	7.65	1204	8.77
4635	2200	50.2	1.34	635	2.28	744	3.09	838	4.84	923	5.82	1001	6.87	1075	7.35	1144	8.26	1209	9.39
4038	2400	52.2	1.57	650	2.49	757	3.46	850	4.44	934	5.49	1018	6.58	1083	7.72	1158	8.89	1215	10.09
5243	2600	54.1	1.82	666	2.81	771	3.85	863	4.91	945	5.99	1021	7.14	1092	8.31	1159	9.55	1222	10.81
5444	2800	56.2	2.10	682	3.18	785	4.27	876	5.48	958	6.54	1033	7.73	1103	8.97	1168	10.23	1231	11.56
6847	3000	58.3	2.41	708	3.57	801	4.72	890	5.92	971	7.14	1045	8.36	1114	9.65	1179	10.98	1248	12.33
6451	3200	60.5	2.75	719	4.08	817	5.21	904	6.47	985	7.77	1058	9.07	1126	10.37	1190	11.77	1252	13.18
6854	3400	62.6	3.15	736	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	64.8	3.58	750	4.95	858	6.33	935	7.78	1013	9.13	1085	10.58	1152	12.05	1215	13.51	1274	14.98
7658	3800	67.1	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
8863	4000	69.3	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	71.6	5.11	828	6.68	908	8.32	986	9.91	1068	11.52	1129	13.16	1194	14.82	1256	16.52	1315	18.23
8878	4400	73.9	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	76.2	6.37	863	8.09	947	9.84	1024	11.64	1094	13.38	1161	15.13	1225	16.93	1284	18.74	1342	20.68
9676	4800	78.6	7.08	885	8.88	967	10.67	1043	12.57	1112	14.39	1178	16.22	1240	18.05	1300	19.95	1356	22.04
10879	5000	81.8	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	83.4	8.66	929	10.61	1018	12.58	1083	14.56	1158	16.59	1212	18.56	1274	20.54	1331	22.51	1387	24.57
10886	5400	85.9	9.54	951	11.56	1032	13.58	1103	15.62	1178	17.77	1231	19.82	1290	21.87	1348	23.93	1403	26.08
11289	5600	88.3	10.49	974	12.56	1054	14.67	1123	16.77	1189	18.98	1251	21.15	1308	23.26	1365	25.48	1419	27.53
11692	5800	90.8	11.49	997	13.66	1075	15.83	1144	18.08	1209	20.25	1270	22.54	1327	24.73	1382	26.93	1436	29.15
12095	6000	93.3	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	95.8	13.72	1042	16.02	1119	18.35	1188	20.66	1249	22.98	1309	25.44	1365	27.87	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	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP
4831	2000	126.7	9.92	1327	11.89	1385	12.38	1448	13.57	1494	14.92	1547	16.38	1597	17.72	1647	19.16	1694	20.64
4435	2200	127.1	10.57	1331	11.81	1388	13.07	1443	14.36	1496	15.67	1547	17.81	1598	18.46	1647	19.95	1694	21.47
4838	2400	127.7	11.32	1335	12.56	1392	13.86	1447	15.21	1500	16.58	1551	17.98	1600	19.08	1648	20.84	1695	22.30
5241	2600	128.4	12.18	1342	13.41	1398	14.74	1451	16.09	1504	17.50	1555	18.96	1604	20.44	1652	21.94	1699	23.46
5644	2800	129.1	12.98	1349	14.28	1404	15.68	1458	17.09	1518	18.53	1569	19.98	1608	21.49	1656	23.05	1702	24.64
6847	3000	130.8	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	131.0	14.61	1366	16.18	1428	17.62	1472	19.17	1523	20.73	1572	22.32	1621	23.93	1667	25.55	1713	27.19
6854	3400	132.1	15.57	1376	17.09	1439	18.64	1481	20.25	1531	21.88	1580	23.52	1627	25.19	1674	26.89	1719	28.59
7257	3600	133.2	16.55	1387	18.14	1448	19.75	1490	21.37	1540	23.06	1589	24.77	1636	26.58	1681	28.25	1726	30.02
7660	3800	134.4	17.57	1399	19.23	1451	20.91	1502	22.68	1550	24.38	1598	26.04	1645	27.84	1690	29.65	1734	31.48
8863	4000	135.7	18.73	1410	20.35	1463	22.18	1513	23.96	1562	25.64	1609	27.42	1654	29.22	1699	31.09	1743	32.99
8466	4200	137.0	19.93	1424	21.64	1474	23.35	1524	25.16	1573	27.81	1628	28.87	1665	30.74	1709	32.62	1752	34.52
8878	4400	138.4	21.18	1437	22.96	1488	24.75	1536	26.54	1584	28.41	1631	30.34	1676	32.29	1720	34.24	1763	36.28
9273	4600	139.8	22.46	1451	24.33	1501	26.28	1548	28.06	1597	29.93	1643	31.86	1688	33.87	1732	35.98	1774	37.94
9676	4800	141.1	23.79	1464	25.74	1515	27.69	1561	29.64	1618	31.58	1655	33.53	1699	35.58	1743	37.68	1786	39.71
10879	5000	142.5	25.16	1478	27.19	1528	29.22	1577	31.29	1624	33.28	1669	35.31	1712	37.34	1755	39.37	1797	41.52
10482	5200	144.8	26.62	1492	28.65	1542	30.81	1591	32.92	1637	35.83	1682	37.14	1726	39.25	1768	41.36	1809	43.47
10886	5400	146.6	28.14	1507	30.27	1556	32.43	1604	34.63	1651	38.82	1696	39.81	1739	41.28	1782	43.39	1823	45.59
11289	5600	147.2	29.71	1522	31.92	1570	34.13	1618	36.39	1665	40.66	1718	40.94	1753	43.21	1795	45.48	1836	47.76
11692	5800	148.8	31.34	1538	33.64	1586	35.93	1632	38.21	1678	42.56	1723	42.91	1767	45.27	1809	47.62	1850	49.98
12095	6000	150.4	33.11	1553	35.48	1602	37.78	1648	40.15	1692	44.51	1737	44.94	1780	47.38	1823	49.82	1863	52.25
12498	6200	152.1	34.93	1570	37.29	1617	39.69	1663	42.14	1708	44.59	1751	47.83	1794	49.55	1836	52.87	1877	54.56
12902	6400	153.8	36.82	1586	39.26	1633	43.69	1679	44.28	1724	46.73	1767	49.25	1808	51.77	1850	54.37	1891	56.97
13305	6600	155.5	38.77	1603	41.39	1650	45.82	1695	46.31	1739	48.93	1782	51.94	1824	54.14	1864	56.73	1905	59.42
13708	6800	157.4	40.83	1628	43.41	1667	46.81	1712	48.68	1755	51.19	1798	53.88	1833	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	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP	RPM	BEP
4838	2400	174.1	25.88	1766	25.52	1838	27.17	1873	28.84	1915	30.55	1956	32.27
5241	2600	174.4	25.81	1788	26.57	1831	28.16	1874	29.86	1916	31.61	1957	33.38
5644	2800	174.8	26.24	1792	27.87	1835	29.51	1876	31.18	1917	32.86	1957	34.56
6047	3000	175.2	27.49	1795	29.17	1838	30.88	1880	32.68	1921	34.35	1961	36.11
6451	3200	175.7	28.84	1800	30.51	1842	32.26	1884	34.05	1925	35.85	1965	37.67
6854	3400	176.3	30.31	1806	32.05	1848	33.88	1889	35.57	1929	37.36		
7257	3600	177.8	31.81	1813	33.61	1854	35.43	1895	37.27	1935	39.12		
7660	3800	177.7	33.33	1819	35.28	1863	37.89	1902	38.99	1942	40.91		
8063	4000	178.6	34.98	1827	36.83	1868	38.77	1908	40.74	1948	42.72		
8466	4200	179.5	36.58	1836	38.58	1877	40.51	1917	42.53	1956	44.57		
8878	4400	180.5	38.18	1846	40.28	1886	42.28	1926	44.37	1963	46.47		
9273	4600	181.6	39.98	1856	42.04	1896	44.11	1935	46.24				
9676	4800	182.											

## 21AH Industrial Exhauster

Wheel Dia. 36<sup>1</sup>/<sub>2</sub> Inlet Dia. 21 <sup>1</sup>/<sub>8</sub> 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
3452	1400	396	0.83	528	1.56	635	2.40	727	3.29	818	4.26	905	5.28	955	6.42	1021	7.63	1083	8.89
3945	1600	489	0.99	538	1.60	642	2.70	733	3.66	813	4.67	888	5.76	927	6.98	1021	8.08	1083	9.48
4439	1800	423	1.16	549	2.07	651	3.82	739	4.85	819	5.14	893	6.27	951	7.46	1025	8.72	1085	10.01
4932	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
5425	2200	454	1.54	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	10.80	1099	12.35
6412	2600	489	2.23	602	3.44	697	4.73	780	6.00	854	7.33	923	8.73	987	10.17	1048	11.60	1105	13.22
6905	2800	500	2.56	617	3.88	710	5.22	792	6.61	866	8.08	934	9.45	997	10.97	1056	12.51	1113	14.14
7398	3000	527	2.95	633	4.36	724	5.70	805	7.26	876	8.74	944	10.23	1007	11.80	1066	13.44	1123	15.08
7891	3200	547	3.30	650	4.89	738	6.37	817	7.92	890	9.51	956	11.10	1018	12.69	1076	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	15.30	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	18.33
9371	3800	606	4.95	703	6.78	786	8.50	860	10.27	938	12.08	994	13.94	1054	15.82	1111	17.71	1164	19.60
9864	4000	627	5.57	722	7.48	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	10.18	891	12.13	956	14.09	1021	16.10	1079	18.13	1136	20.22	1189	22.30
10851	4400	668	6.99	761	9.08	838	11.08	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	12.83	926	14.24	989	16.37	1058	18.51	1107	20.71	1161	22.93	1214	25.20
11837	4800	711	8.66	800	10.86	875	13.85	943	15.38	1005	17.61	1065	19.84	1121	22.88	1175	24.41	1226	26.72
12331	5000	732	9.50	820	11.89	894	14.17	961	16.56	1022	18.92	1080	21.23	1136	23.57	1189	25.94	1240	28.30
12824	5200	754	10.58	840	12.98	913	15.36	979	17.81	1040	20.39	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	31.88	1283	33.66
14304	5800	821	14.06	901	16.71	972	19.37	1035	22.02	1093	24.70	1148	27.57	1200	30.26	1249	32.94	1299	35.68
14797	6000	843	15.38	922	18.12	992	20.87	1054	23.61	1111	26.40	1166	29.32	1217	32.14	1265	34.90	1313	37.71
15290	6200	866	16.79	942	19.69	1012	22.45	1074	25.27	1129	28.31	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	2000	1146	12.13	1200	13.57	1252	15.04	1302	16.60	1351	18.25	1399	19.94	1444	21.69	1489	23.44	1532	25.25
5425	2200	1149	12.94	1203	14.45	1255	15.90	1305	17.57	1353	19.17	1398	20.81	1445	22.58	1489	24.40	1532	26.26
5918	2400	1155	13.84	1207	15.36	1259	16.96	1309	18.61	1356	20.29	1402	22.00	1447	23.73	1490	25.49	1532	27.28
6412	2600	1160	14.80	1213	16.41	1264	18.03	1312	19.69	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	1410	24.44	1454	26.29	1497	28.28	1539	30.14
7398	3000	1175	16.83	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	39.98	1584	42.23
10851	4400	1251	25.91	1299	28.09	1345	30.28	1389	32.46	1432	34.76	1475	37.12	1516	39.58	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	46.43
11837	4800	1276	29.11	1324	31.49	1369	33.87	1413	36.26	1456	38.64	1497	41.82	1536	43.43	1576	46.08	1614	48.98
12331	5000	1289	30.78	1336	33.27	1382	35.75	1426	38.23	1468	40.72	1509	43.20	1546	45.69	1587	48.17	1625	50.75
12824	5200	1302	32.56	1349	35.18	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	37.83	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	39.86	1420	41.75	1463	44.52	1505	47.30	1546	50.88	1585	52.86	1623	55.64	1668	58.42
14304	5800	1345	38.35	1390	41.15	1434	43.95	1476	46.75	1518	49.62	1559	52.90	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	60.90	1685	63.92
15290	6200	1375	42.73	1421	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	45.84	1434	48.03	1477	51.88	1518	54.07	1558	57.16	1597	60.25	1635	63.33	1673	66.52	1710	69.70
16277	6600	1405	47.43	1450	50.53	1492	53.68	1532	56.66	1572	59.86	1611	63.87	1649	66.23	1685	69.41	1722	72.69
16778	6800	1423	49.95	1465	53.10	1507	56.29	1547	59.45	1587	62.63	1625	65.92	1663	69.21	1699	72.45	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	34.89	1659	36.20	1697	38.34	1734	40.28	1778	42.23
7398	3000	1586	33.63	1623	35.63	1662	37.76	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	37.89	1633	39.21	1671	41.35	1708	43.51	1744	45.71		
8878	3600	1600	38.91	1639	41.32	1677	43.35	1714	45.59	1750	47.85		
9371	3800	1606	40.77	1645	43.86	1683	45.37	1720	47.78	1756	50.04		
9864	4000	1614	42.70	1652	45.85	1689	47.43	1725	49.83	1762	52.26		
10358	4200	1623	44.66	1659	47.18	1697	49.56	1733	52.03	1768	54.52		
10851	4400	1632	46.71	1665	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						

## 23AH Industrial Exhauster

Wheel Dia. 40 Inlet Dia. 23 <sup>1</sup>/<sub>8</sub> Maximum RPM at 70° F.

□ Std. Wheel & Std. Shaft 1432 □ H.D. Wheel & H.D. Shaft 1622

*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
41.46	1400	362	0.99	482	1.88	579	2.88	663	3.95	739	5.12	807	6.35	872	7.72	932	9.16	986	10.68
47.39	1600	373	1.19	491	2.16	596	3.24	669	4.39	742	5.68	811	6.92	874	8.29	932	9.71	989	11.29
53.31	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
59.23	2000	400	1.68	512	2.84	603	4.06	682	5.37	754	6.76	820	8.21	881	9.71	938	11.24	993	13.69
65.16	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	13.80
71.08	2400	430	2.31	536	3.66	625	5.09	701	6.52	770	8.07	834	9.67	893	11.35	949	13.07	1003	14.63
77.00	2600	447	2.67	549	4.13	636	5.66	712	7.21	780	8.88	843	10.49	901	12.22	956	14.83	1008	15.88
82.93	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
88.85	3000	480	3.54	577	5.24	661	6.94	734	8.78	801	10.49	862	12.28	919	14.18	973	16.14	1023	18.11
94.78	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
100.70	3400	517	4.63	609	6.55	688	8.45	759	10.35	824	12.39	884	14.42	940	16.44	992	18.47	1042	20.67
106.62	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	22.08
112.55	3800	553	5.94	642	8.04	717	10.21	786	12.33	848	14.51	907	16.74	962	19.00	1014	21.27	1062	23.54
118.47	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
124.39	4200	591	7.51	676	9.82	749	12.22	813	14.56	875	16.92	932	19.33	985	21.77	1036	24.20	1085	26.78
130.32	4400	610	8.39	694	10.81	765	13.31	829	15.80	888	18.25	945	20.73	997	23.28	1048	25.87	1096	28.49
136.24	4600	629	9.35	712	11.88	781	14.45	845	17.18	902	19.65	958	22.23	1018	24.87	1060	27.54	1107	30.26
142.17	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
148.09	5000	668	11.52	748	14.27	816	17.02	877	19.89	933	22.72	986	25.50	1037	28.30	1085	31.15	1132	34.05
154.01	5200	688	12.73	766	15.59	833	18.44	890	21.35	949	24.30	1000	27.26	1051	30.18	1099	33.88	1145	36.09
159.94	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
165.86	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
171.79	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
177.71	6000	778	18.47	841	21.74	905	25.06	962	28.35	1014	31.71	1064	35.21	1111	38.60	1155	41.92	1199	45.28
183.63	6200	798	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	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
59.23	2000	1045	14.57	1095	16.10	1142	18.07	1188	19.94	1233	21.92	1276	23.95	1318	26.03	1358	28.15	1398	30.32
65.16	2200	1049	15.54	1098	17.15	1145	19.21	1191	21.18	1236	23.03	1278	24.99	1318	27.12	1359	29.31	1398	31.54
71.08	2400	1053	16.63	1102	18.45	1149	20.36	1194	22.35	1239	24.36	1280	26.42	1320	28.58	1360	30.62	1398	32.77
77.00	2600	1059	17.78	1107	19.78	1153	21.65	1197	23.64	1241	25.71	1283	27.86	1324	30.03	1363	32.24	1401	34.40
82.93	2800	1065	18.96	1113	20.98	1159	23.03	1203	25.12	1245	27.22	1286	29.36	1327	31.57	1366	33.87	1405	36.20
88.85	3000	1072	20.18	1119	22.30	1164	24.43	1208	26.62	1251	28.63	1292	31.06	1332	33.32	1370	35.60	1408	37.94
94.78	3200	1080	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
100.70	3400	1090	22.88	1135	25.11	1179	27.39	1222	29.75	1263	32.15	1303	34.56	1342	37.01	1381	39.50	1418	42.01
106.62	3600	1099	24.32	1145	26.56	1188	29.02	1231	31.39	1271	33.88	1311	36.39	1349	38.93	1387	41.50	1424	44.10
112.55	3800	1108	25.81	1154	28.26	1197	30.72	1239	33.28	1279	35.70	1318	38.26	1357	40.90	1394	43.57	1430	46.26
118.47	4000	1119	27.52	1163	29.93	1207	32.47	1248	35.06	1288	37.67	1327	40.29	1364	42.93	1402	45.68	1438	48.47
124.39	4200	1131	29.29	1174	31.79	1216	34.38	1258	36.96	1298	39.68	1336	42.41	1374	45.16	1410	47.92	1445	50.72
130.32	4400	1142	31.12	1186	33.74	1227	36.36	1268	38.99	1307	41.74	1346	44.58	1383	47.44	1419	50.31	1455	53.19
136.24	4600	1153	33.08	1197	35.75	1238	38.49	1279	41.23	1317	43.98	1355	46.81	1392	49.77	1429	52.75	1464	55.74
142.17	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
148.09	5000	1176	36.97	1219	39.95	1261	42.94	1301	45.92	1339	48.90	1377	51.88	1413	54.06	1448	57.85	1483	61.00
154.01	5200	1188	39.11	1231	42.16	1272	45.26	1312	48.36	1351	51.46	1388	54.56	1424	57.66	1459	60.77	1493	63.87
159.94	5400	1201	41.34	1243	44.47	1284	47.65	1324	50.88	1362	54.10	1399	57.32	1435	60.54	1470	63.76	1504	66.98
165.86	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
171.79	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
177.71	6000	1241	48.64	1282	52.02	1321	55.51	1359	58.99	1396	62.46	1433	66.03	1469	69.61	1504	73.19	1537	76.77
183.63	6200	1255	51.32	1294	54.78	1334	58.31	1372	61.92	1409	65.51	1445	69.09	1480	72.80	1515	76.50	1549	80.20
189.56	6400	1269	54.09	1309	57.68	1348	61.25	1385	64.94	1422	68.65	1457	72.36	1492	76.06	1526	79.80	1560	83.71
195.48	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	87.30
201.40	6800	1298	59.99	1337	63.77	1375	67.60	1412	71.48	1448	75.21	1483	79.17	1517	83.12	1550	87.06	1583	90.99

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
71.08	2400	1436	35.11	1474	37.45	1510	39.92	1545	42.38	1580	44.88	1614	47.42
77.00	2600	1439	36.74	1475	39.84	1510	41.37	1546	43.87	1580	46.44	1614	49.03
82.93	2800	1442	38.56	1478	40.94	1513	43.36	1548	45.80	1582	48.20	1615	50.77
88.85	3000	1445	40.39	1481	42.86	1517	45.37	1551	47.98	1585	50.47	1618	53.05
94.78	3200	1449	42.37	1485	44.83	1520	47.40	1554	50.02	1588	52.67	1621	55.29
100.70	3400	1455	44.54	1490	47.09	1525	49.66	1558	52.26	1591	54.98	1624	57.57
106.62	3600	1460	46.73	1495	49.39	1530	52.06	1564	54.76	1597	57.47	1627	59.90
112.55	3800	1466	48.97	1501	51.71	1535	54.49	1569	57.29	1602	60.18	1630	62.28
118.47	4000	1473	51.28	1508	54.11	1541	56.96	1575	59.85	1607	62.77	1633	64.71
124.39	4200	1480	53.63	1515	56.56	1549	59.58	1582	62.43	1613	65.40	1636	67.18
130.32	4400	1489	56.09	1523	59.06	1556	62.11	1589	65.19	1621	68.20	1639	69.67
136.24	4600	1498	58.75	1531	61.77	1564	64.81	1596					

## 26AH Industrial Exhauster

Wheel Dia. 45<sup>1</sup>/<sub>8</sub> Inlet Dia. 26<sup>1</sup>/<sub>8</sub> 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	16.37
6782	1800	342	1.80	444	3.16	527	4.62	598	6.19	663	7.86	722	9.58	777	11.48	829	13.32	878	15.38
7535	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	13.30	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	17.95	894	20.21
10554	2800	411	3.92	499	5.94	574	7.98	642	10.10	700	12.22	755	14.45	806	16.77	854	19.33	900	21.61
11309	3000	426	4.51	512	6.67	586	8.83	653	11.07	710	13.35	764	15.63	815	18.05	862	20.50	907	23.05
12062	3200	442	5.16	526	7.47	597	9.74	663	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	695	15.70	752	18.47	804	21.30	853	24.19	899	27.07	942	29.95
15078	4000	507	8.52	584	11.31	650	14.24	708	17.06	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	722	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	20.10	787	23.23	837	26.30	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	33.79	951	37.30	992	40.84
18847	5000	592	14.67	663	18.17	723	21.66	777	25.33	827	28.92	874	32.06	919	36.02	962	39.65	1003	43.34
19601	5200	610	16.20	679	19.84	739	23.47	792	27.22	841	31.02	887	34.70	931	38.63	974	42.10	1015	45.93
20355	5400	628	17.85	696	21.62	755	25.39	808	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	51.48
21863	5800	664	21.49	729	25.55	786	29.60	837	33.66	884	37.87	929	42.14	970	46.25	1010	50.35	1050	54.50
22617	6000	682	23.51	745	27.69	802	31.89	853	36.06	899	40.35	943	44.01	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	938	19.77	973	22.08	1015	24.45	1056	26.85	1094	29.31	1132	31.80	1168	34.51	1204	37.39	1239	40.14
9046	2400	954	21.16	977	23.46	1018	25.92	1059	28.44	1097	31.01	1134	33.62	1170	36.27	1205	38.97	1239	41.70
9800	2600	959	22.62	981	25.07	1022	27.56	1063	30.00	1100	32.72	1137	35.45	1173	38.22	1208	41.03	1242	43.00
10554	2800	944	24.13	986	26.70	1027	29.31	1066	31.96	1104	34.65	1140	37.36	1176	40.10	1211	43.11	1245	46.07
11308	3000	951	25.69	992	28.37	1032	31.19	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	32.96	1077	35.84	1114	38.76	1150	41.74	1185	44.74	1219	47.77	1252	50.54
12816	3400	966	29.11	1006	31.95	1045	34.06	1083	37.07	1120	40.51	1155	43.99	1190	47.11	1224	50.27	1257	53.46
13570	3600	974	30.95	1015	33.93	1053	36.30	1090	39.55	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	35.82	1031	38.06	1070	41.32	1106	44.62	1142	47.94	1176	51.20	1210	54.64	1242	58.13	1275	61.60
15831	4200	1002	37.27	1041	40.46	1078	43.65	1115	47.04	1150	50.50	1185	53.97	1218	57.47	1250	60.99	1281	64.55
16585	4400	1012	39.16	1051	42.94	1088	46.20	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	63.54	1266	67.13	1296	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	50.95	1118	54.65	1153	58.44	1187	62.23	1220	66.03	1252	69.62	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	73.19	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	80.80	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	1238	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	78.80	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	86.68	1272	91.40	1303	96.34	1334	101.25	1363	106.80	1393	111.18
25632	6800	1151	76.34	1185	81.16	1219	86.03	1252	90.87	1283	95.72	1315	100.76	1345	105.70	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	50.80	1370	53.94	1401	57.12	1431	60.35
9800	2600	1295	48.76	1307	49.69	1339	52.65	1370	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
11309	3000	1282	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	69.86		
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	68.86	1366	72.49	1396	76.17	1425	79.88		
15831	4200	1313	68.25	1343	71.99	1373	75.74	1402	79.53	1430	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				
18093	4800	1336	78.21	1366	82.20	1395	86.20	1423	90.21				
18847	5000	1344	81.74	1374	85.85								

## 29AH Industrial Exhauster

Wheel Dia. 50<sup>1</sup>/<sub>2</sub> Inlet Dia. 29<sup>1</sup>/<sub>8</sub> 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	8.36	648	10.12	698	12.36	738	14.61	783	17.02
7553	1600	295	1.89	389	3.44	464	5.16	538	7.00	588	8.93	642	11.03	692	13.23	738	15.47	783	17.99
8497	1800	305	2.26	397	3.95	478	5.78	534	7.76	592	9.84	645	12.00	696	14.28	741	16.69	784	19.17
9441	2000	316	2.67	406	4.53	478	6.47	548	8.55	597	10.78	649	13.09	696	15.47	743	17.92	787	20.54
10386	2200	328	3.15	415	5.15	486	7.24	548	9.45	603	13.77	654	14.22	702	16.75	747	19.39	790	22.08
11330	2400	341	3.68	425	5.84	495	8.11	555	10.38	618	12.07	668	15.41	707	18.05	752	20.83	794	23.64
12274	2600	354	4.26	435	6.59	504	9.02	564	11.49	638	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	21.06	763	23.95	805	27.06
14162	3000	381	5.65	457	8.35	523	11.06	582	13.87	635	16.72	683	19.57	728	22.61	771	25.72	811	28.87
15107	3200	395	6.47	478	9.36	534	12.28	593	15.15	643	18.28	690	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	35.07
17939	3800			506	12.82	568	16.27	622	19.66	672	23.13	718	26.68	762	30.29	803	33.98	841	37.51
18883	4000			522	14.17	580	17.83	633	21.39	682	24.98	728	28.68	771	32.45	812	36.26	850	40.06
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	33.04	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	43.89	877	48.23
22660	4800			578	20.79	632	24.96	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	36.26	781	40.65	821	45.11	860	49.66	896	54.28
24549	5200			607	24.85	660	29.48	707	34.09	752	38.85	792	43.45	832	48.10	870	52.72	907	57.53
25493	5400			674	31.88	720	36.59	764	41.61	805	46.42	843	51.21	881	56.80	917	60.89		
26437	5600			688	34.35	734	39.27	777	44.45	817	49.53	855	54.48	892	59.49	928	64.47		
27381	5800			703	37.07	748	42.16	790	47.43	830	52.78	867	57.92	903	63.06	938	68.26		
28325	6000			717	39.94	762	45.19	803	50.54	843	56.12	880	61.52	915	66.02	949	72.18		
29270	6200			731	42.97	776	48.38	816	53.83	855	59.59	892	65.26	927	70.76	960	76.24		
9441	2000	628	23.23	667	25.58	685	28.79	641	31.77	677	34.94	1011	38.18	1044	41.49	1076	44.88	1107	48.33
10386	2200	631	24.76	678	27.66	687	30.82	643	33.63	678	36.71	1011	39.83	1044	43.22	1076	46.71	1107	50.28
11330	2400	634	26.58	673	29.41	610	32.46	646	35.62	688	38.63	1014	42.18	1046	45.43	1077	48.88	1107	52.23
12274	2600	639	28.33	677	31.48	613	34.52	648	37.68	683	40.98	1016	44.48	1048	47.87	1080	51.38	1110	54.95
13218	2800	644	30.22	681	33.44	618	36.71	653	40.03	686	43.39	1019	46.79	1051	50.33	1082	53.99	1112	57.78
14162	3000	649	32.17	687	35.54	622	38.94	657	42.43	691	45.95	1021	49.51	1055	53.11	1085	56.75	1115	60.47
15107	3200	656	34.23	693	37.78	628	41.27	662	44.88	695	48.55	1028	52.27	1059	56.03	1089	59.83	1119	63.67
16051	3400	663	36.46	699	40.02	634	43.65	668	47.42	1001	51.24	1032	55.09	1063	59.00	1094	62.96	1123	66.96
16995	3600	671	38.77	707	42.45	641	46.25	674	50.84	1007	53.99	1038	58.01	1069	62.06	1098	66.15	1128	70.29
17939	3800	678	41.14	714	45.04	648	48.96	681	52.92	1013	56.91	1044	60.99	1075	65.28	1104	69.44	1133	73.73
18883	4000	687	43.86	721	47.67	656	51.75	689	55.88	1020	60.04	1051	64.22	1081	68.43	1110	72.81	1139	77.23
19828	4200	696	46.68	730	50.67	663	54.67	696	58.92	1028	63.24	1058	67.68	1088	71.90	1117	76.38	1145	80.84
20772	4400	704	49.60	739	53.78	672	57.96	704	62.15	1035	66.53	1066	71.06	1095	75.61	1124	80.18	1152	84.78
21716	4600	713	52.61	748	56.98	681	61.35	713	65.72	1043	70.18	1073	74.68	1103	79.33	1132	84.87	1159	88.84
22660	4800	722	55.72	757	60.28	690	64.84	722	69.48	1052	73.96	1082	78.53	1110	83.15	1139	88.85	1167	92.93
23604	5000	731	58.92	766	63.68	699	68.44	731	73.19	1061	77.94	1090	82.69	1119	87.45	1147	92.23	1174	97.23
24549	5200	741	62.31	775	67.19	708	72.14	740	77.89	1070	82.03	1099	86.97	1128	91.91	1155	96.86	1182	101.80
25493	5400	751	65.98	784	70.88	717	75.96	749	81.89	1079	86.23	1108	91.36	1137	96.40	1164	101.62	1191	106.76
26437	5600	761	69.58	793	74.78	726	79.93	758	85.22	1088	90.55	1117	95.87	1146	101.19	1173	106.52	1200	111.83
27381	5800	771	73.48	803	78.77	735	84.13	767	89.48	1097	94.98	1126	100.58	1154	106.01	1182	111.53	1209	117.04
28325	6000	782	77.53	813	82.92	744	88.47	776	94.02	1106	99.55	1135	105.25	1163	110.96	1191	116.66	1218	122.37
29270	6200	793	81.88	823	87.32	753	92.95	785	98.69	1116	104.42	1144	110.13	1173	116.03	1200	122.93	1227	127.83
30214	6400	804	86.22	833	91.94	762	97.83	794	103.50	1126	109.43	1154	115.34	1182	121.23	1209	127.33	1236	133.42
31158	6600	814	90.79	843	96.72	771	102.61	803	108.46	1137	114.58	1165	120.69	1192	126.78	1218	132.96	1245	139.15
32102	6800	824	95.61	853	101.65	780	107.75	812	113.88	1147	119.88	1175	126.19	1202	132.48	1228	138.76	1254	145.02
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	74.03	1279	78.18						
13218	2800	1142	61.46	1171	65.26	1199	69.11	1226	73.81	1253	76.95	1279	80.95						
14162	3000	1145	64.37	1173	68.32	1201	72.32	1229	76.46	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	91.68	1290	95.96						
17939	3800	1161	78.05	1189	82.43	1216	86.85	1243	91.31	1269	95.88	1294	100.32						
18883	4000	1167	81.73	1194	86.24	1221	90.79	1247	95.48	1273	100.05	1299	104.73						
19828	4200	1173	85.48	1200	90.16	1227	94.86	1253	99.68	1278	104.37	1303	109.19						
20772	4400	1179	89.41	1206	94.14	1233	99.09	1258	103.98	1284	108.83	1309	113.88						
21716	4600	1187	93.64	1213	98.45	1239	103.29	1264	108.28	1290	113.37	1315	118.49						
22660	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	117.90	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	117.03	1269	122.51	1293	128.05	1318	133.62								
26437	5600	1226	117.16	1252	122.48	1276	127.61	1301	133.28										
27381	5800	1235	122.55	1260	128.06	1285	133.58	1309	138.89										
28325	6000	1244	128.07	1269	133.77	1294	139.47	1318	145.18										
29270	6200	1253	133.72	1278</															

## 33AH Industrial Exhauster

Wheel Dia. 57<sup>1</sup>/<sub>2</sub> Inlet Dia. 33<sup>1</sup>/<sub>8</sub> Maximum RPM at 70° F.

Std. Wheel & Std. Shaft 996  H.D. Wheel & H.D. Shaft 1162

*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
8568	1400	252	2.85	335	3.88	403	5.95	461	8.16	514	18.58	562	13.11	605	15.94	648	18.94	688	22.86
9792	1600	259	2.46	342	4.47	400	6.69	465	9.88	525	11.58	564	14.38	608	17.13	648	20.86	688	23.32
11016	1800	268	2.92	349	5.13	413	7.49	479	10.80	528	12.76	577	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	20.85	653	23.23	691	26.43
13465	2200	288	4.88	364	6.68	427	9.39	461	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	30.65
15913	2600	311	5.52	382	8.54	443	11.69	495	14.89	542	18.18	595	21.67	627	25.24	665	29.88	701	32.82
17137	2800	322	6.36	392	9.64	451	12.95	503	16.48	558	19.85	593	23.46	635	27.23	678	31.85	707	35.88
18361	3000	335	7.32	402	10.83	460	14.34	511	17.98	567	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	607	27.54	646	31.48	683	35.72	718	40.82
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	10.66	435	15.02	486	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	21.10	546	25.49	598	29.99	631	34.59	669	39.27	705	43.95	739	48.63
24481	4000	398	13.83	458	18.37	510	23.12	556	27.73	599	32.30	639	37.18	677	42.87	713	47.88	747	51.93
25706	4200	411	15.52	470	20.29	521	25.26	566	30.89	608	34.96	648	39.95	685	44.99	721	50.17	755	55.15
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	40.61	666	45.94	703	51.99	737	56.98	770	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	60.57	778	66.31
30602	5000	465	23.81	520	29.58	567	35.17	618	41.18	648	46.95	696	52.78	721	58.49	755	64.38	787	70.37
31826	5200	479	26.31	533	32.21	580	38.11	621	44.19	668	50.37	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	707	60.19	741	66.39	774	72.65	805	78.95
34274	5600	507	31.83	559	38.28	605	44.53	645	50.91	682	57.63	718	64.21	751	70.62	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	705	65.52	748	72.76	773	79.75	803	86.62	834	93.58
37946	6200	550	41.66	598	48.63	642	55.71	682	62.72	717	69.76	752	77.25	784	84.61	814	91.74	843	98.84

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
12240	2000	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	35.86	797	39.69	828	43.68	859	47.59	888	51.64	917	56.34	945	60.56	972	65.18
14689	2400	733	34.35	766	38.13	799	42.08	831	46.18	861	50.35	890	54.59	919	58.89	946	63.27	973	67.71
15913	2600	737	36.73	768	40.71	802	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	43.25	806	47.52	837	51.98	866	56.26	895	60.66	923	65.24	950	69.99	977	74.98
18361	3000	746	41.71	779	46.87	810	50.49	841	55.88	870	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	62.84	902	67.77	930	72.54	957	77.57	983	82.54
20809	3400	758	47.27	790	51.88	820	56.59	850	61.48	879	66.42	907	71.42	934	76.49	961	81.62	987	86.91
22033	3600	765	50.26	796	55.89	826	59.96	855	64.87	884	70.88	912	75.28	939	80.45	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	90.83	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	100.15
25706	4200	787	60.32	817	65.78	846	70.88	875	76.38	903	81.99	930	87.64	956	93.31	981	99.82	1006	104.81
26930	4400	794	64.38	825	69.72	854	75.14	882	80.57	909	86.26	936	92.12	962	98.82	987	103.92	1012	109.92
28154	4600	802	68.28	833	73.87	862	79.54	889	85.28	916	90.88	943	96.72	969	102.84	994	108.99	1018	115.18
29378	4800	810	72.23	840	78.15	869	84.86	897	89.98	924	95.89	950	101.80	975	107.77	1000	114.25	1025	128.56
30602	5000	818	76.35	848	82.56	877	88.73	905	94.89	932	101.85	958	107.21	983	113.37	1007	119.54	1031	126.85
31826	5200	827	80.81	856	87.11	885	93.53	913	99.94	940	106.34	965	112.75	990	119.16	1015	125.57	1038	131.98
33050	5400	836	85.43	865	91.89	893	98.47	921	105.13	947	111.79	973	118.44	998	125.18	1023	131.75	1046	138.48
34274	5600	845	90.21	874	96.83	902	103.62	929	110.48	955	117.39	981	124.29	1006	131.19	1030	138.89	1054	144.99
35498	5800	854	95.16	883	102.12	910	109.88	937	116.81	963	123.14	989	130.29	1014	137.44	1038	144.59	1062	151.73
36722	6000	863	100.52	892	107.49	919	114.78	946	121.89	971	129.86	997	136.45	1022	143.85	1046	151.25	1069	158.64
37946	6200	873	106.85	901	113.28	928	120.58	955	127.95	980	135.37	1005	142.78	1030	150.43	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	1039	157.17	1062	165.87	1088	172.97
40395	6600	892	117.78	920	125.39	947	133.81	973	140.61	998	146.55	1023	156.47	1047	164.56	1070	172.25	1093	180.39
41619	6800	903	123.96	930	131.78	957	139.69	982	147.54	1007	155.42	1032	163.68	1056	171.75	1079	179.89	1101	188.81

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
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	80.87	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	83.40	1030	88.58	1055	93.75	1079	98.99	1103	104.28	1126	108.63
19585	3200	10											

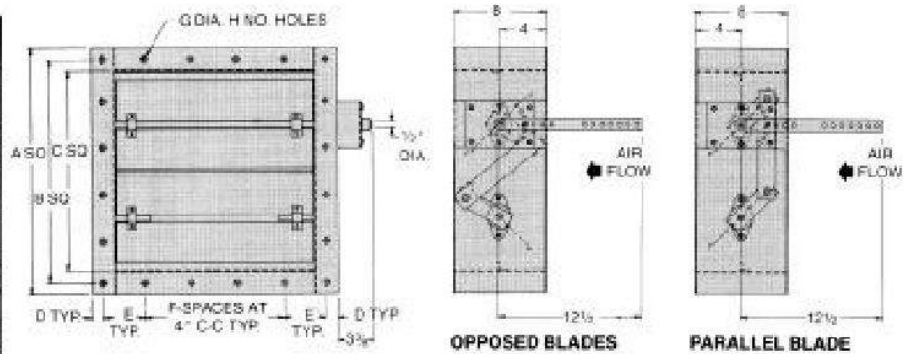




## Outlet Dampers

### Sizes 7-33

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



## Dimensional Data Arrangement 4

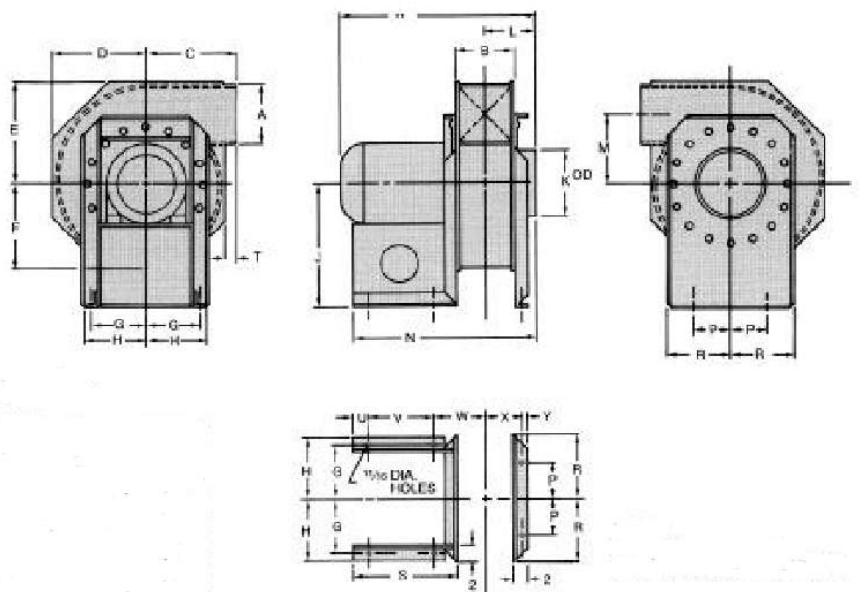
### Sizes 7-21 Design R

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	6 1/2	6 1/2	10	10 1/2	10 1/4	9 1/4	6	7	13	7 1/2	6 1/4	7 1/4	19 1/4	4	7 1/4	10 1/4	1 1/2	2	5	6 1/4	4 1/2	7 1/2	12 1/2	184-T
9	8 1/4	8 1/4	12 1/4	12 1/2	14	11 3/4	7 1/2	8 1/2	17	9 1/4	8 1/4	9 1/4	25 1/4	5	9 1/4	14 1/4	1 1/2	2	9	7 1/4	5 1/4	7 1/2	15 1/2	254-T
11	10	10	14 1/4	15 1/4	17	14 1/2	7 1/2	8 1/2	19	11 1/4	11 1/4	11 1/4	28 1/4	7	11 1/2	14 1/4	1 1/2	2	9	8 1/4	6 1/4	7 1/2	19 1/2	254-T
13	11 1/4	11 1/4	17 1/4	18 1/4	20 1/4	17 1/4	8	9	23	13 1/4	8 1/4	13 1/4	29 1/4	9	13 1/2	15 1/4	1 1/2	2	10	9 1/4	7 1/4	7 1/2	22 1/2	254-T
15	13 1/4	13 1/4	20 1/4	21 1/4	23 1/4	20	9	10	26	15 1/4	9 1/4	15 1/4	33 1/4	10	15	17 1/4	2	2	12	9 1/4	7 1/4	7 1/2	25 1/2	284-T
17	15 1/4	15 1/4	22 1/4	24 1/4	26 1/4	22 1/4	10	11	32	17 1/4	10 1/4	18 1/4	37 1/4	12	16 1/4	19 1/4	2	2	14	10 1/4	8 1/4	7 1/2	29 1/2	324-T
19	17 1/4	17 1/4	24 1/4	27	29 1/4	24 1/4	11	12	32	19 1/4	11 1/4	20 1/4	41	14	18 1/2	21 1/4	2	2	16	11 1/4	9 1/4	7 1/2	33	364-T
21	18 1/4	18 1/4	27 1/4	30 1/4	32 1/4	27 1/4	11 1/2	12 1/2	35	21 1/4	12 1/4	22 1/4	43 1/4	16	20 1/2	22 1/4	2	2	17	12 1/4	10 1/4	7 1/2	36 1/2	404-T

## Approximate NET Shipping Weight

### Standard Duty Arrangement 4 - Less Motor

MODEL	WEIGHT
7	130 Lbs.
9	190 Lbs.
11	330 Lbs.
13	380 Lbs.
15	525 Lbs.
17	720 Lbs.
19	840 Lbs.
21	995 Lbs.

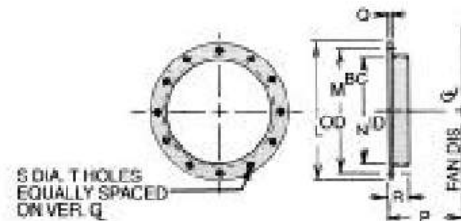
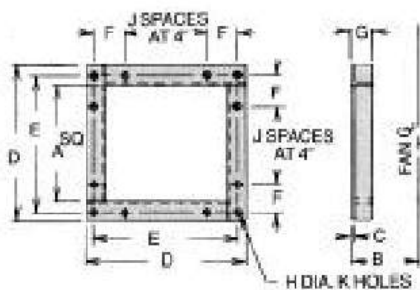


Foundation Plan - NOTE - all sizes are field rotatable and reversible

Approximate total length, using TEFC Motor Frame. Sizes form inlet of blower to end of motor bell.

Fan Size	Frame Size											
	184-T	218-T	245-T	254-T	256-T	284-T	285-T	324-T	326-T	384-T	385-T	434-T
7	22 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—	—	—	—	—
9	—	25 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	30	—	—	—	—	—	—	—	—
11	—	27 <sup>3</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>2</sub>	31 <sup>1</sup> / <sub>2</sub>	—	—	—	—	—	—	—	—
13	—	—	30 <sup>3</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>2</sub>	—	—	—	—	—	—	—	—
15	—	—	—	35 <sup>3</sup> / <sub>8</sub>	37 <sup>3</sup> / <sub>8</sub>	39 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—
17	—	—	—	—	38 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>8</sub>	42 <sup>3</sup> / <sub>8</sub>	—	—	—	—
19	—	—	—	—	—	42	43 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>2</sub>	46	47	—	—
21	—	—	—	—	—	—	45 <sup>3</sup> / <sub>8</sub>	46 <sup>3</sup> / <sub>8</sub>	47 <sup>3</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>2</sub>	50 <sup>3</sup> / <sub>8</sub>

## Flanges Sizes 7-33



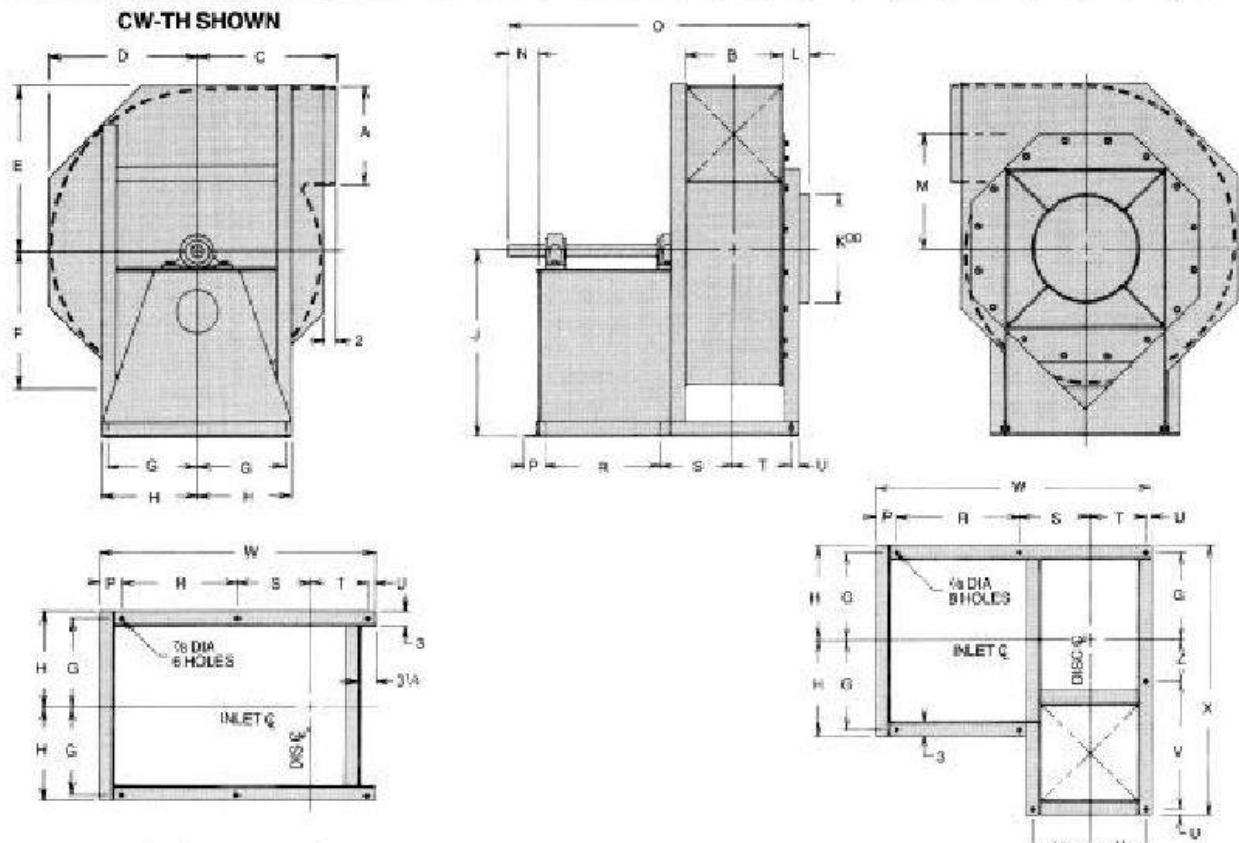
FAN SIZE	PART NO.	OUTLET & COMPANION FLANGE DIMENSION									
		A	B	C	D	E	F	G	H	J	K
7	25827	6 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>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

FAN SIZE	PART NO.	INLET & COMPANION FLANGE DIMENSION									
		L	M	N	P	Q	R	S	T		
7	25893	9 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1	3 <sup>3</sup> / <sub>8</sub>	6		
9	25894	11 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	6		
11	25895	13 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	8		
13	25896	15 <sup>3</sup> / <sub>8</sub>	15	13 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	8		
15	25897	18 <sup>3</sup> / <sub>8</sub>	17	15 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	8		
17	25898	20 <sup>3</sup> / <sub>8</sub>	19	17 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	8		
19	25899	22 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12		
21	25701	24 <sup>3</sup> / <sub>8</sub>	22 <sup>3</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12		
23	30219	26 <sup>3</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	12		
26	30220	30 <sup>3</sup> / <sub>8</sub>	28 <sup>3</sup> / <sub>8</sub>	26 <sup>3</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	16		
29	30665	33 <sup>3</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	16		
33	30666	37 <sup>3</sup> / <sub>8</sub>	35 <sup>3</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	16		

## Dimensional Data Arrangement 1

### Sizes 23-33 Design F

FAN SIZE	MOTOR DIA.	IN. MM																STANDARD DUFF		HEAVY DUFF																	
		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 1/4	20 3/4	28 3/4	39	32	34 1/4	29 1/4	18 1/4	20	38	23 1/4	5 1/2	2 1/4	6	63 1/2	5	24 1/2	15 1/4	12 1/4	11 1/4	27 1/4	58 1/4	57 1/4	12 1/4	8 1/4	21 1/4	30 1/4	30 1/4	60 1/4	63 1/4	137 1/4	9 1/4	27 1/4	30 1/4	25 1/4	30 1/4
26	45 1/2	23 1/4	23 1/4	31 1/4	43	35 1/4	38	32 1/4	28 1/4	28	40	26 1/4	5 1/2	2 1/4	6	66 1/4	5	24 1/2	16 1/4	13 1/4	11 1/4	30 1/4	60 1/4	63 1/4	137 1/4	9 1/4	27 1/4	30 1/4	60 1/4	66 1/4	149 1/4	11 1/4	29 1/4	30 1/4	25 1/4	30 1/4	
29	50 1/2	26	26	35 1/4	47 1/4	40 1/4	43 1/4	37 1/4	32 1/4	28 1/4	47 1/4	30 1/4	6	3 1/4	7	74 1/4	5	29	17 1/4	15	11 1/4	32 1/4	68 1/4	68 1/4	149 1/4	11 1/4	29 1/4	30 1/4	66 1/4	72 1/4	169 1/4	11 1/4	32 1/4	30 1/4	25 1/4	30 1/4	
33	57 1/2	28 1/4	29 1/4	40 1/4	53 1/4	45 1/4	48 1/4	42 1/4	35 1/4	26 1/4	53 1/4	33 1/4	6	3 1/4	7	78 1/4	5	29	19 1/4	15 1/4	11 1/4	35 1/4	72 1/4	78 1/4	169 1/4	11 1/4	32 1/4	30 1/4	72 1/4	80 1/4	189 1/4	11 1/4	32 1/4	30 1/4	25 1/4	30 1/4	



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 1/4	33 1/4	33 1/4	32 1/4	32	—
26	39 1/4	38 1/4	37 1/4	37 1/4	36 1/4	35 1/4	—
29	44	43 1/4	42 1/4	41 1/4	40 1/4	40	39 1/4
33	50 1/4	49 1/4	48 1/4	48 1/4	47 1/4	46 1/4	45 1/4

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

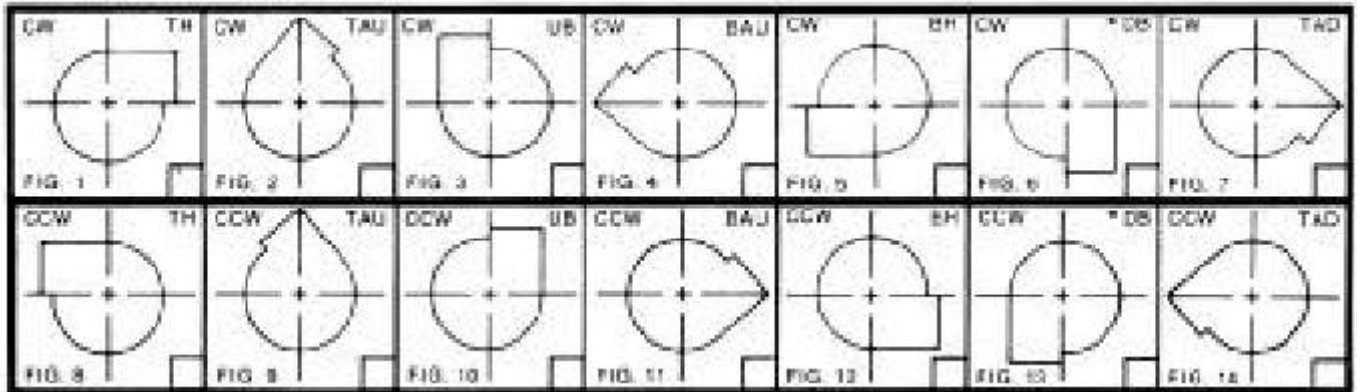
FAN SIZE	FRAME SIZE
23	365-T
26	365-T
29	405-T
33	405-T

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

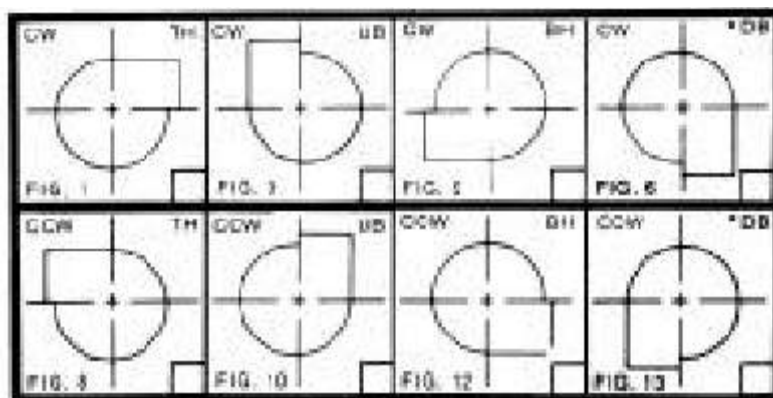
FAN SIZE	WEIGHT IN LBS.
23	1590
26	1880
29	2620
33	3380

## Discharge Positions

### Designs R and F



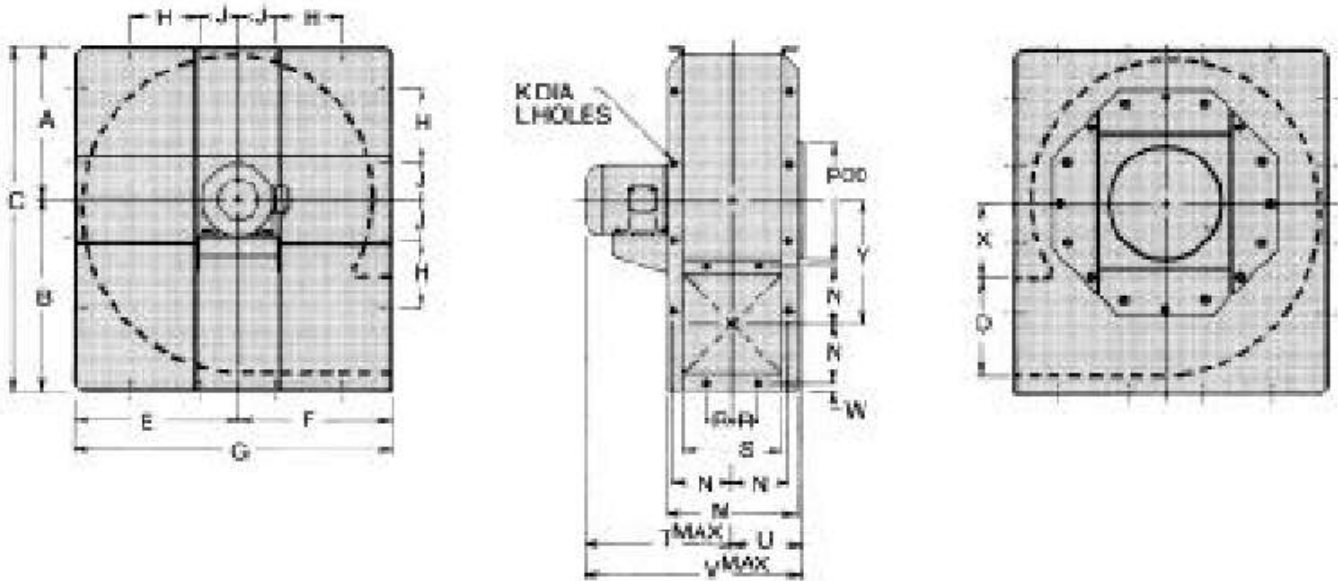
### Design SQ



## 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 <sup>1/8</sup>	12 <sup>1/8</sup>	21 <sup>3/8</sup>	6 <sup>1/4</sup>	10 <sup>3/8</sup>	10	20 <sup>1/8</sup>	4	3	1/2	36	9 <sup>1/4</sup>	3 <sup>1/8</sup>	7 <sup>1/8</sup>	1 <sup>1/2</sup>	6 <sup>1/4</sup>	16 <sup>1/4</sup>	6 <sup>1/8</sup>	22 <sup>1/8</sup>	11 <sup>1/2</sup>	4 <sup>5/8</sup>	7 <sup>1/8</sup>	12 <sup>3/8</sup>	184-T
9	11 <sup>3/8</sup>	15 <sup>1/2</sup>	27 <sup>3/8</sup>	8	12 <sup>1/8</sup>	12 <sup>1/8</sup>	25 <sup>1/4</sup>	5	3	1/2	36	11	4 <sup>1/4</sup>	9 <sup>1/8</sup>	2	8	20 <sup>3/4</sup>	6 <sup>3/8</sup>	27 <sup>3/8</sup>	13 <sup>1/2</sup>	5 <sup>3/8</sup>	9 <sup>3/8</sup>	15 <sup>1/8</sup>	215-T
11	14 <sup>1/8</sup>	18 <sup>5/8</sup>	33	9 <sup>3/4</sup>	15 <sup>1/4</sup>	14 <sup>3/8</sup>	30 <sup>1/8</sup>	7	3	1/2	36	12 <sup>3/4</sup>	5 <sup>1/4</sup>	11 <sup>1/8</sup>	2 <sup>1/2</sup>	9 <sup>3/8</sup>	26 <sup>1/8</sup>	7 <sup>1/8</sup>	34 <sup>1/8</sup>	1 <sup>1/2</sup>	6 <sup>1/4</sup>	11 <sup>1/4</sup>	19 <sup>1/8</sup>	256-T
13	17 <sup>3/8</sup>	21 <sup>3/8</sup>	38 <sup>3/4</sup>	11 <sup>3/4</sup>	18 <sup>3/8</sup>	17 <sup>1/8</sup>	35 <sup>3/4</sup>	8	4	1/2	36	14 <sup>3/8</sup>	6 <sup>3/8</sup>	13 <sup>1/4</sup>	3	11 <sup>3/8</sup>	27 <sup>3/8</sup>	8 <sup>3/8</sup>	36	1 <sup>1/2</sup>	6 <sup>1/4</sup>	13 <sup>1/8</sup>	22 <sup>3/8</sup>	256-T
15	20	25 <sup>1/2</sup>	45 <sup>1/2</sup>	13 <sup>3/4</sup>	21 <sup>3/4</sup>	20 <sup>1/4</sup>	42	9	5	1/2	36	17 <sup>3/8</sup>	7 <sup>1/8</sup>	15 <sup>1/4</sup>	3 <sup>1/2</sup>	13 <sup>3/8</sup>	29 <sup>1/8</sup>	9 <sup>3/8</sup>	38 <sup>3/8</sup>	1 <sup>1/2</sup>	9 <sup>3/4</sup>	16 <sup>3/8</sup>	20 <sup>1/8</sup>	286-T
17	22 <sup>3/4</sup>	28 <sup>3/8</sup>	50 <sup>1/2</sup>	15 <sup>1/4</sup>	24 <sup>3/4</sup>	22 <sup>1/4</sup>	46 <sup>1/2</sup>	10	5	1/2	36	19 <sup>1/8</sup>	8 <sup>3/8</sup>	17 <sup>1/4</sup>	4	15 <sup>3/8</sup>	30 <sup>3/8</sup>	10 <sup>3/8</sup>	41	1 <sup>1/2</sup>	10 <sup>3/4</sup>	18 <sup>3/8</sup>	29 <sup>3/8</sup>	286-T
19	24 <sup>3/4</sup>	31 <sup>1/4</sup>	56	16 <sup>3/4</sup>	27	24 <sup>1/2</sup>	51 <sup>1/2</sup>	11	5	1/2	36	20 <sup>3/8</sup>	9 <sup>3/8</sup>	19 <sup>1/4</sup>	4 <sup>1/2</sup>	16 <sup>3/8</sup>	31 <sup>3/8</sup>	11 <sup>3/8</sup>	42 <sup>1/8</sup>	1 <sup>1/2</sup>	12	20 <sup>3/8</sup>	33	286-T
21	27 <sup>3/8</sup>	34 <sup>1/2</sup>	62 <sup>1/2</sup>	18 <sup>3/4</sup>	30 <sup>1/8</sup>	27 <sup>3/8</sup>	57 <sup>1/4</sup>	11	6	1/2	36	22 <sup>3/8</sup>	10 <sup>3/8</sup>	21 <sup>1/4</sup>	5	18 <sup>3/8</sup>	32 <sup>3/8</sup>	12 <sup>3/8</sup>	44 <sup>3/8</sup>	1 <sup>1/2</sup>	13 <sup>1/2</sup>	22 <sup>3/8</sup>	36 <sup>1/2</sup>	286-T

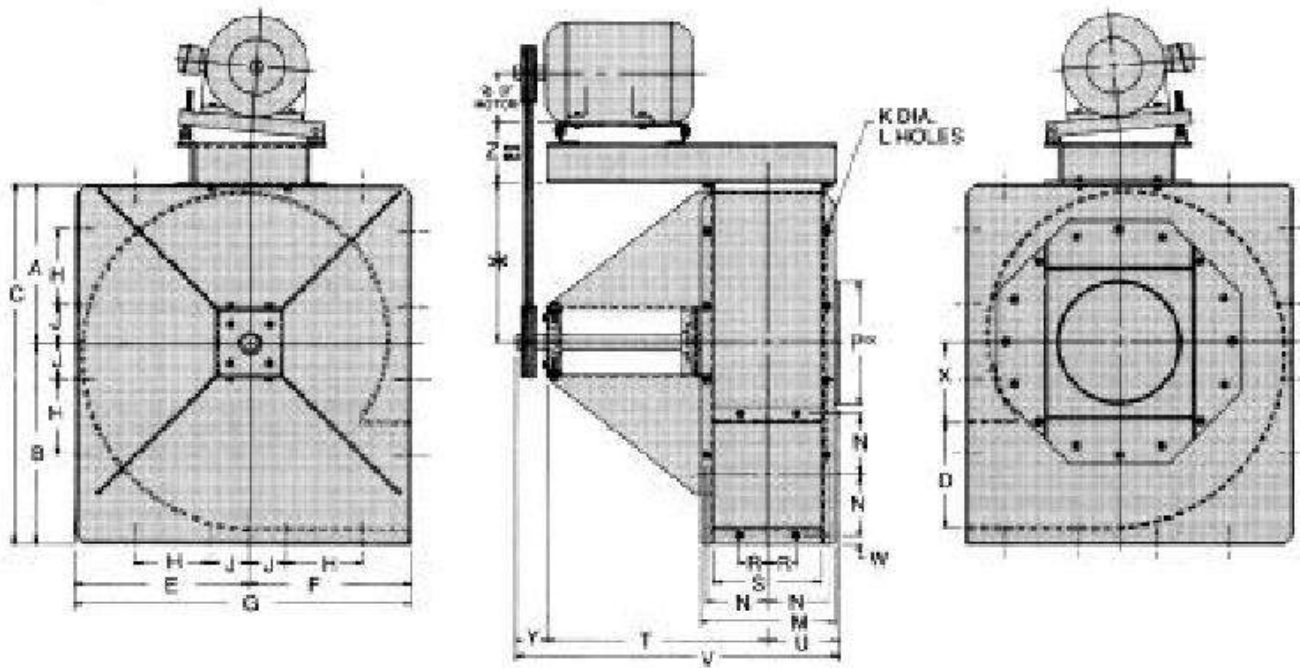


SQIE Arr. 4 Approximate Shipping Weight (Less Motor)

Fan Size	Weight in Lbs.
7	145
9	195
11	250
13	320
15	400
17	490
19	570
21	690

### Dimensional Data Arrangement 9 Sizes 7-26 Design SQ

Fan Size																					MIN	MAX	STANDARD DUTY		HEAVY DUTY		MAX ABBT. S		
	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 <sup>5/8</sup>	12 <sup>5/8</sup>	21 <sup>3/4</sup>	5 <sup>1/4</sup>	10 <sup>1/4</sup>	10	20 <sup>1/4</sup>	4	3	9 <sup>1/4</sup>	36	9 <sup>1/4</sup>	2 <sup>3/4</sup>	7 <sup>1/4</sup>	1 <sup>1/2</sup>	5 <sup>1/4</sup>	14 <sup>1/4</sup>	6 <sup>1/4</sup>	23 <sup>13/16</sup>	1 <sup>1/2</sup>	4 <sup>1/4</sup>	3 <sup>1/2</sup>	5 <sup>1/4</sup>	7 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>1/2</sup>	1 <sup>1/2</sup>	5 <sup>3/8</sup>	215-T
9	11 <sup>1/2</sup>	15 <sup>1/2</sup>	27 <sup>3/4</sup>	6	12 <sup>13/16</sup>	12 <sup>3/4</sup>	25 <sup>1/4</sup>	5	3	9 <sup>3/4</sup>	36	11	4 <sup>3/4</sup>	9 <sup>1/4</sup>	2	8	15 <sup>1/2</sup>	8 <sup>1/2</sup>	25 <sup>1/2</sup>	1 <sup>3/4</sup>	5 <sup>3/4</sup>	2 <sup>1/2</sup>	6 <sup>1/4</sup>	7 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	215-T
11	14 <sup>1/2</sup>	18 <sup>1/2</sup>	33	9 <sup>3/4</sup>	15 <sup>3/4</sup>	14 <sup>3/4</sup>	30 <sup>1/4</sup>	7	3	9 <sup>3/4</sup>	36	12 <sup>3/4</sup>	5 <sup>3/4</sup>	11 <sup>1/4</sup>	2 <sup>1/2</sup>	9 <sup>3/4</sup>	18 <sup>1/2</sup>	7 <sup>11/16</sup>	30 <sup>9/16</sup>	1 <sup>3/4</sup>	6 <sup>3/4</sup>	4	6 <sup>3/8</sup>	7 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	215-T
13	17 <sup>1/2</sup>	21 <sup>1/2</sup>	36 <sup>3/4</sup>	11 <sup>1/4</sup>	18 <sup>3/4</sup>	17 <sup>3/4</sup>	35 <sup>3/4</sup>	8	4	9 <sup>3/4</sup>	36	14 <sup>3/4</sup>	6 <sup>3/4</sup>	13 <sup>1/4</sup>	3	11 <sup>1/4</sup>	22 <sup>3/4</sup>	8 <sup>1/2</sup>	35	1 <sup>3/4</sup>	7 <sup>3/4</sup>	4	6 <sup>3/4</sup>	8 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	250-T
15	20	25 <sup>1/2</sup>	45 <sup>1/2</sup>	13 <sup>3/4</sup>	21 <sup>3/4</sup>	20 <sup>3/4</sup>	42	9	5	1 <sup>1/4</sup>	36	17 <sup>3/4</sup>	7 <sup>1/4</sup>	15 <sup>1/4</sup>	3 <sup>1/2</sup>	13 <sup>3/4</sup>	24 <sup>3/4</sup>	9 <sup>3/4</sup>	38 <sup>5/16</sup>	1 <sup>3/4</sup>	8 <sup>3/4</sup>	4 <sup>1/2</sup>	6 <sup>3/4</sup>	8 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	250-T
17	22 <sup>3/4</sup>	28 <sup>3/4</sup>	50 <sup>1/2</sup>	15 <sup>1/4</sup>	24 <sup>3/4</sup>	22 <sup>3/4</sup>	46 <sup>1/4</sup>	10	5	1 <sup>1/4</sup>	36	18 <sup>3/4</sup>	8 <sup>1/4</sup>	17 <sup>1/4</sup>	4	15 <sup>1/4</sup>	25 <sup>3/4</sup>	10 <sup>7/8</sup>	40 <sup>1/4</sup>	1 <sup>3/4</sup>	10 <sup>3/4</sup>	4 <sup>1/2</sup>	6 <sup>3/4</sup>	8 <sup>1/2</sup>	1 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	250-T
19	24 <sup>3/4</sup>	31 <sup>3/4</sup>	56	16 <sup>3/4</sup>	27	24 <sup>3/4</sup>	51 <sup>1/2</sup>	11	5	1 <sup>1/4</sup>	36	20 <sup>3/4</sup>	9 <sup>3/4</sup>	19 <sup>1/4</sup>	4 <sup>1/2</sup>	16 <sup>3/4</sup>	26 <sup>3/4</sup>	11 <sup>1/4</sup>	45 <sup>13/16</sup>	1 <sup>3/4</sup>	12	5	8 <sup>1/4</sup>	10 <sup>1/2</sup>	2 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	326-T
21	27 <sup>3/4</sup>	34 <sup>3/4</sup>	62 <sup>1/2</sup>	18 <sup>3/4</sup>	30 <sup>3/4</sup>	27 <sup>3/4</sup>	57 <sup>1/4</sup>	11	6	1 <sup>1/4</sup>	36	22 <sup>3/4</sup>	10 <sup>3/4</sup>	21 <sup>1/4</sup>	5	18 <sup>3/4</sup>	30 <sup>3/4</sup>	12 <sup>3/4</sup>	47 <sup>1/2</sup>	1 <sup>3/4</sup>	13 <sup>1/2</sup>	5	8 <sup>3/4</sup>	10 <sup>1/2</sup>	2 <sup>3/8</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	326-T
23	29 <sup>3/4</sup>	36 <sup>3/4</sup>	66	20 <sup>3/4</sup>	32	28 <sup>3/4</sup>	60 <sup>3/4</sup>	12	7	1 <sup>1/4</sup>	36	24 <sup>3/4</sup>	11 <sup>3/4</sup>	23 <sup>1/4</sup>	5 <sup>1/2</sup>	20 <sup>3/4</sup>	32 <sup>3/4</sup>	13	51 <sup>1/4</sup>	1 <sup>3/4</sup>	13 <sup>1/4</sup>	6	8 <sup>3/4</sup>	10 <sup>1/2</sup>	2 <sup>1/4</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	326-T
26	32 <sup>3/4</sup>	41	73 <sup>3/4</sup>	23	35 <sup>3/4</sup>	31 <sup>3/4</sup>	67 <sup>1/2</sup>	14	7	1 <sup>1/4</sup>	36	27	12 <sup>3/4</sup>	25 <sup>3/4</sup>	6	23	34 <sup>3/4</sup>	14 <sup>3/4</sup>	54 <sup>1/2</sup>	1 <sup>3/4</sup>	15 <sup>1/4</sup>	6	8 <sup>3/4</sup>	10 <sup>1/2</sup>	2 <sup>1/4</sup>	1 <sup>3/4</sup>	1 <sup>3/4</sup>	5 <sup>3/8</sup>	326-T



SQIE Arr. 9 Approx. 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

1. Aerofoil Adjustable Pitch Fan



2. Varofoil Controllable Pitch Fan



3. Turbo-Pressure Blower



4. Pressure Blower



5. Radial Blade Pressure Blower



6. Upblast Roof Ventilator



7. Backwardly Inclined Airfoil



8. QBCA Backwardly Inclined Airfoil Blower



9. Plug Fan



10. Utility Sets



11. Volume Blower





1. **Aerofoil Adjustable Pitch Fan** - Available in 21 sizes – 12” – 110”. CFM from 500 to 350,000. Static pressures to 15” WG. Multiple stages available for higher pressures. Request Bulletin IJMA60-99.
2. **Varofoil Controllable Pitch Fan** - Available in 14 sizes – 24” – 110”. CFM from 4,000 to 50,000. Static pressures to 10” WG. Request Bulletin VF-2000.
3. **Turbo-Pressure Blower** - 9 sizes from 400 to 8,000 CFM. 4 wheel types. Pressures to 75” WG. Request Bulletin VP-0404.
4. **Pressure Blower** - 5 sizes from 1/3 to 30 HP. 350 to 4,300 CFM. Pressures to 20” WG. Cast Aluminium Construction. Request Bulletin AF-0302.
5. **Radial Blade Pressure Blower** - 25 sizes with capacities to 12,000 CFM. 2 wheel types. Pressures to 110” WG. Request RB-0502.
6. **Upblast Roof Ventilator** - Model PFB-Belt Drive. 9 sizes from 12” to 60” diameter props. Air delivery to 72,000 CFM.
7. **Backwardly Inclined Airfoil** - 18 sizes from 1000 to 93,000 CFM. Pressures 17” WG. Request Bulletin AS-0951.
8. **QBCA Backwardly Inclined Airfoil Blower** - 14 sizes from 500 to 42,000 CFM. Pressures to 17” WG. Request Bulletin AS-0951
9. **Plug Fan** - 14 sizes from 1000 to 50,000 CFM. Pressures to 13” WG. Request Bulletin PBCS-1201.
10. **Utility Sets** - Model SMB-Belt Drive or Direct Drive. 6 sizes from 100 to 4800 CFM. Pressures to 3” WG. Request Bulletin SMB-1101.
11. **Volume Blower** - Model SC-Belt Drive or Direct Drive. 4 sizes from 100 to 1400 CFM. Pressures to 4” WG. Request Bulletin SC-1000.

*Howden 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.*



## At the heart of your operations

Howden people live to improve our products and services and for over 160 years our world has revolved around our customers. This dedication means our air and gas handling equipment adds maximum value to your operations. We have innovation in our hearts and every day we focus on providing you with the best solutions for your vital operations.



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