

AEROVENT

INDUSTRIAL VENTILATION SYSTEMS



INDUSTRIAL FANS

MHO / MHR / MHA / MHW / MHP

CLASS 22 & 32

Industrial Fans

Models - Class 22 & 32

MHO | MHR | MHA | MHW | MHP



MHO
Arrangement 8



Aerovent certifies that the MH Series Model MHO/MHR/MHA/MHW fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

The MH Series Industrial Fans manufactured by Aerovent are well suited for installations involving exhaust, material conveying, pollution control, air circulation, and a variety of other industrial applications.

The typical performance characteristics for different wheels offered in MH Series fans are illustrated below. It should be noted that all wheels essentially have overloading characteristic type brake horsepower curves; however, Model MHA wheels have this to a lesser degree than other types.

While the general pressure characteristic curve is similar for all MH Series wheels, the MHA type wheel is considerably more efficient than other MH Series wheels. Therefore, the MHA wheel is the first choice where brake horsepower savings are important, but the MHA wheel is limited to handling relatively clean air or gases.

Efficiency is critical in most applications, and it is important that the fan size is selected so that it will operate at or near its maximum efficiency point. This is particularly important with the units that have lower efficiency in general, such as the MHO and MHW wheels.

Aerovent offers a complete series of wheels to meet the needs of most industrial process and material handling applications. Each wheel is statically and dynamically balanced on electronic equipment prior to being assembled in the fan. In addition, each unit is run at or near operating speed after assembly and the balance is fine-tuned as a complete assembly.

MH Series Availability

SIZE	WHEEL TYPE	ROTATABLE HOUSING DISCHARGE	REVERSIBLE ROTATION	CLASS 22 ARRANGEMENTS	CLASS 32 ARRANGEMENTS
905	MHO	YES	YES	1,8,9A,9B,10	—
907-909	MHO	YES	YES	1,4,8,9A,9B,9F,10	—
	MHA, MHW	YES	NO	1,4,8,9A,9B,9F,10	—
911-921	MHO	YES	YES	1,4,8,9A,9B,9F,10	1,4,8,9,9F
	MHA, MHW	YES	NO	1,4,8,9A,9B,9F,10	1,4,8,9,9F
	MHP	YES	NO	—	1,9,9F
923-926	MHO*, MHA, MHW	NO	NO	1,8,9A,9B,9F,10	1,8,9,9F
	MHP	NO	NO	—	1,9,9F
929	MHO*, MHA, MHW	NO	NO	1,8,9A,9B,9F	1,8,9,9F
933-949	MHO*, MHA, MHW	NO	NO	1,8,9,9F	1,8,9,9F
954-960	MHO, MHA, MHW	NO	NO	1,8,9,9F	—

* Note: MHR is standard on size 926 and larger Class 32 fans.

MH Series fan housings are constructed in all usual arrangements and conform to AMCA Standard 2404-72 (Drive Arrangements for Centrifugal Fans). The fan sizes and wheel diameters conform to AMCA Standard 2402-66 (Sizes for Industrial Centrifugal Fans).

AMCA does not have a standard for industrial fans designating class of operation. Aerovent offers three basic categories, based on performance, of industrial fans. Two of the categories are shown in this catalog:

1. Class 22 – suitable for applications involving performance to approximately 22" SP; and
2. Class 32 – for performance to 32" SP.

Performances shown in the tables on pages 11 through 29 are shown in regular face type to indicate Class 22 fans and in bold face type to indicate Class 32 fans.

A separate supplemental catalog (Catalog 911) shows the third category: Class 45 – high pressure fans capable of reaching performance of approximately 45" SP.

Wheel Types

MHO Industrial Radial Paddle Wheel: The open type radial paddle wheel design is extremely rugged using heavy-gauge steel components which are jig assembled for accuracy and consistency. All wheels are welded with care to insure the maximum in strength and reliability. MHO wheels are suitable for general handling of coarse, sticky, heavy, and/or abrasive materials.

MHR Industrial Radial Paddle Wheel: The MHR wheel is similar to the MHO, with the addition of end rings. MHR construction is standard on size 926 and larger Class 32 fans. MHR wheels are suitable for general handling of coarse, sticky, heavy, and/or abrasive materials.

MHA Industrial Radial Air Handling Wheel: The MHA wheel is a more efficient type of wheel and is used when handling relatively clean air, fumes, vapor exhaust, and air with a light contaminant. The wheel is constructed with heavy-gauge blades welded to both backplate and front ring.

MHW Industrial Radial Backplate Wool Wheel: The MHW wheel is constructed to prevent paper shreds, threads from buffing system exhaust, and other similar matter from hanging up on and wrapping around the spiders and blades. Applications include long, stringy or fibrous materials.

MHP Industrial Radial Paper Handling Wheel: This modified MHW wheel features trapezoidal gussets for the extra rugged construction necessary when handling corrugated paper trims, fibrous material, metal trim, and other high impact loading material. A paper deflector cone over the face of the hub helps prevent wrapping of paper around the hub or leading edge of the blades.

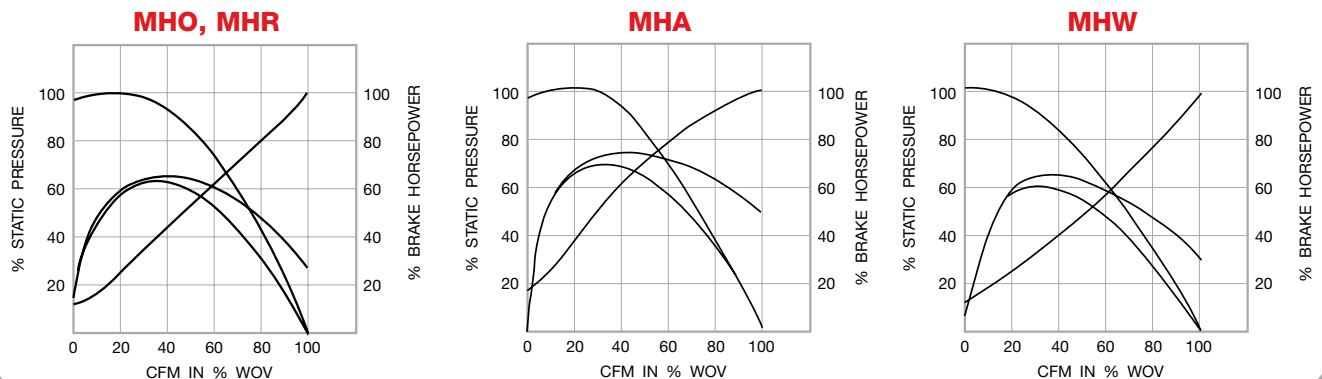
All MHP fans are supplied with bearing stop blocks and a relieved inlet transition. The relieved inlet transition smooths the flow of paper trim and similar material through the fan. Breaker tabs are offered as an option on the relieved inlet transition to assist in the breakup of material. Due to the nature of the applications, MHP Class 32 construction is limited to 22" SP and MHP Class 45 construction is limited to 32" SP. Use MHW performance tables for MHP fans. The MHP fan is not AMCA licensed.



Rotatable and Reversible Configuration

The table on page 2 identifies fans that are rotatable or reversible. A fan available in a rotatable configuration indicates that the fan can be rotated in the field to any of the standard discharge locations. A fan available in a reversible configuration indicates that the wheel rotation can be changed in the field from a clockwise to a counterclockwise direction or vice versa. This is possible only on rotatable housings and requires the wheel housing to be removed and reversed. Consult the factory before reversing a fan. See the chart on page 5 for specific configurations and their designations.

Typical Performance Characteristic Curves for Industrial Wheels



Arrangements



Arrangement 1

Arrangement 1 fans are available in either direct drive (see Arrangement 8 below), or belt driven installations. The belt driven configuration allows the motor to be mounted in any of the four standard motor positions shown on page 5. The choice of a belt driven installation provides greater performance flexibility with the use of belts and sheaves of differing sizes.



Arrangement 8

Arrangement 8 fans use a fan shaft and motor direct coupled via a flexible coupling. The integral motor subbase is fabricated of heavy gauge steel and securely reinforced for rigidity. Aerovent can supply wheels in a variety of diameters and differing widths to give the greatest efficiency for any given application. If desired, an Arrangement 1 fan can be set up for direct drive. This requires a concrete motor pedestal to be built in the field.



Arrangement 9

Arrangement 9 fans include a motor slide base mounted on the side of the motor pedestal. The motor and drive can be installed at the factory or field installed. Class 22 fans up to size 929 are offered in Arrangements 9A (shorter pedestal for small motors) and 9B (longer pedestals for larger motors). Maximum motor frame sizes for Arrangement 9A and 9B are listed in the table on page 5.

Unless otherwise specified, the motor will be installed on the left (L) side of the pedestal on CW fans and on the right (R) side on CCW fans.



Arrangement 9F

Arrangement 9F (floor mount) fans are recommended when a packaged unit is desired, but required motors are too large to be mounted on the side of the bearing pedestal. In this arrangement, the base is extended to facilitate motor mounting in a horizontal position similar to an Arrangement 1 fan. This arrangement is preferred over Arrangement 9 when larger horsepower motors are being employed.

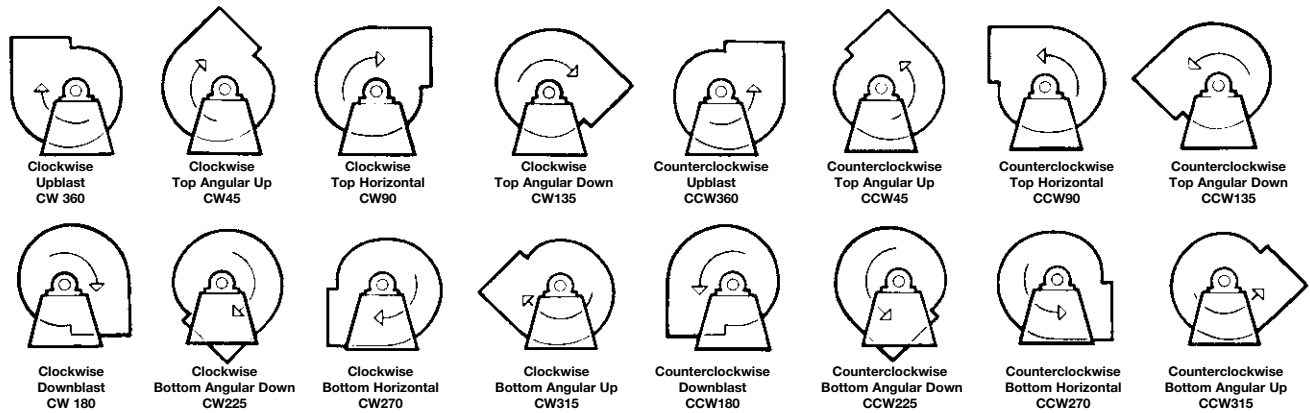
Unless otherwise specified, the motor will be installed on the left (L) side of the pedestal on CW fans and on the right (R) side on CCW fans. Arrangement 9F requires a separate sub-base when vibration isolation is required.



Arrangement 10

Arrangement 10 fans are suitable for roof or outdoor installations. A weather cover, as shown, provides complete weather protection for motor, shaft, bearings, and drives. This arrangement is limited to Class 22, sizes 905 through 919. Maximum motor sizes allowable in this arrangement are listed in the table on page 5. Larger fan sizes in this arrangement, or larger motor sizes for smaller fans, may be available on special request from the factory. All usual accessories are available in this arrangement.

Designations for Rotation and Discharge



Direction of rotation is determined from the drive side of the fan.

On single inlet fans, the drive side is always considered the side opposite the fan inlet.

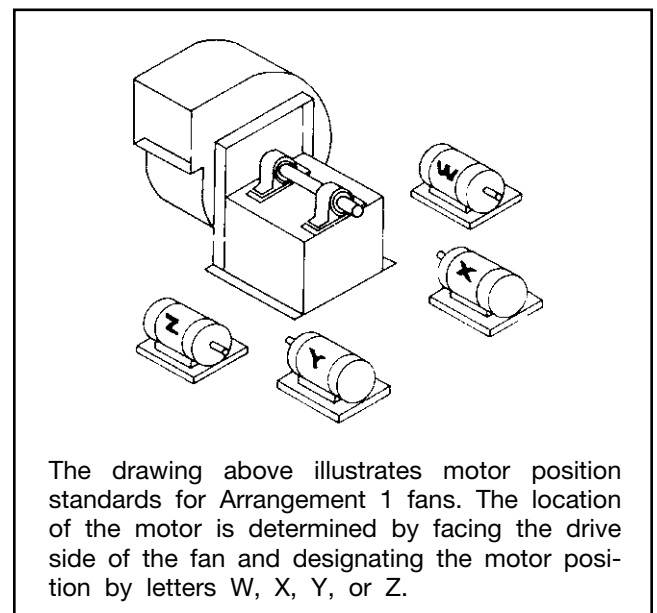
Direction of discharge is determined in accordance with the diagrams shown above. Angle of discharge references the horizontal axis of the fan, and is designated in degrees above or below that reference axis.

On fans inverted for ceiling suspension or side-wall mounting, the direction of rotation and discharge is determined when the fan is resting on the floor.

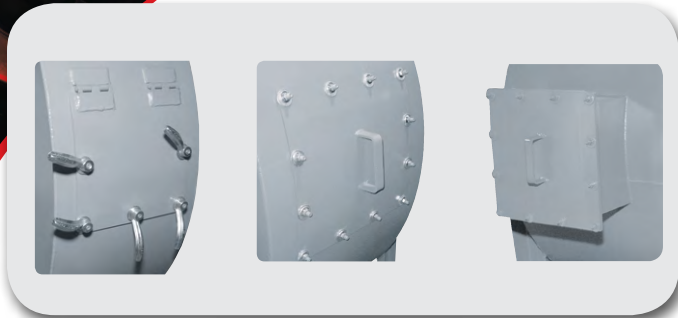
Maximum Motor Frame Size

SIZE	CLASS 22				CLASS 32		
	9A	9B	9	9F	10	9	9F
905	—	—	—	—	145T	—	—
907	184T	215T	—	215T	184T	—	—
909	184T	256T	—	256T	215T	—	—
911	215T	256T	—	284T	256T	256T	286T
913	215T	286T	—	324T	256T	286T	326T
915	256T	286T	—	324T	286T	286T	326T
917	256T	326T	—	326T	286T	326T	365T
919	286T	365T	—	365T	326T	365T	405T
921	326T	365T	—	365T	—	365T	405T
923	326T	365T	—	365T	—	365T	445T
926	365T	405T	—	405T	—	405T	445T
929	365T	405T	—	444T	—	405T	445T
933	—	—	405T	445T	—	405T	445T
937	—	—	405T	445T	—	405T	445T
941	—	—	405T	445T	—	405T	445T
945	—	—	405T	445T	—	405T	445T
949	—	—	405T	445T	—	405T	445T
954	—	—	405T	445T	—	—	—
960	—	—	405T	445T	—	—	—

Motor Positions



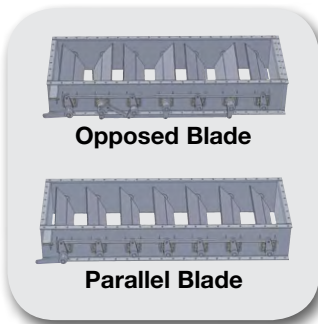
Accessories



**Quick-Open
Access Door**

**Bolted
Access Door**

**Raised Bolted
Access Door**



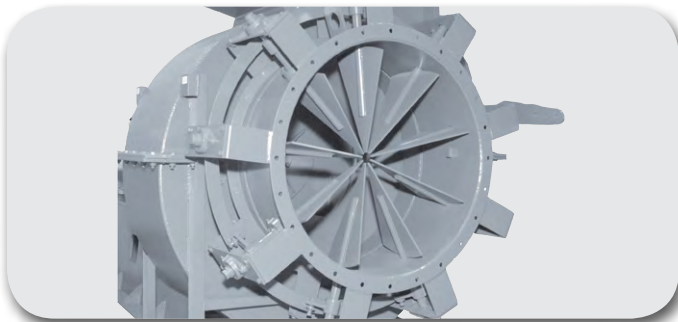
Opposed Blade

Parallel Blade

Outlet Dampers



Inlet Bell



External Inlet Vanes

Access Doors

Bolted and quick-opening access doors are available for easy access to the fan interior for inspection or cleaning. All access doors are gasketed and are constructed with either evenly-spaced studs or heavy duty hinges and handle-type nuts which require no tools to open. Raised bolted access doors are available for use where insulation is being applied to the outside of the fan.

Inlet Bell

On installations with an open inlet (no ductwork at the inlet of the fan), a streamlining inlet bell is required to achieve the catalog performance.

Outlet Dampers

Due to the performance characteristics of industrial fans, a damper on the outlet of the fan is a very efficient way to control volume.

An outlet damper can be used to reduce the power consumption of a fan operating at high temperatures or a fan operating in low density gas streams. During a cold startup, the outlet damper begins in a closed position and is opened gradually as the fan reaches operating temperature. This allows for the use of a smaller motor sufficient to handle the duty at higher temperatures.

Aerovent offers two basic styles of outlet dampers: Type 1 is made of single surface blades suitable for clean air applications, pressures to 25" SP and temperatures to 300°F; Type 2 has double surface airfoil blades for abrasive type applications, pressures to 40" SP and temperatures to 800°F. Both types of dampers are available with opposed or parallel blades and can be manually operated or set up for automatic operation.

Inlet Vanes

For reduced flow situations with relatively clean air, inlet vane type dampers are available to maintain fan efficiency. The inlet vanes are external type attached to the inlet of the fan. Standard construction inlet vanes are suitable in applications up to 300°F. High temperature inlet vanes are also available for temperatures up to 600°F.



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Accessories

Inlet Boxes

An inlet box is designed to minimize pressure drop and airflow losses. Inlet boxes are recommended for applications where uniform flow is difficult to obtain due to limited space or where the air must enter the fan at an angle. Inlet boxes can be either detachable or integral to the fan. This option is available with an inlet box damper to provide increased airflow control.

Drains

A pipe coupling can be welded to the lowest point in the housing scroll to allow wash water or condensation to drain.

Shaft Coolers

Where high temperatures are encountered, the aluminum shaft cooler is recommended for dissipating heat and protecting bearings from the high temperature atmosphere.

Shaft Seals

The standard shaft seal is a non-asbestos type, sandwiched between two plates and the fan housing, providing a seal for most materials being handled. A variety of special seals, including mechanical type stuffing boxes, is available for gas-tight applications requiring more positive protection.

Spark Resistant Construction

Three fan constructions are available for spark resistance. The materials used in the construction of these fans minimize the potential of sparks being generated by striking or rubbing components within the airstream.

Type A – All parts of the fan in contact with the air or gas being handled are made of nonferrous material. (Aluminum wheel construction is limited to 250°F.)

Type B – The fan has an entirely nonferrous wheel and nonferrous ring around the opening through which the shaft passes. (Aluminum wheel construction is limited to 250°F.)

Type C – The fan is constructed so that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike. In applications where aluminum is not suitable, wheels constructed of monel can be furnished for temperatures up to 1000°F.

Notes: 1. The user must electrically ground the fan.
2. Standard spark resistant alloy is aluminum.
3. Bearings must not be placed in the air or gas stream.



Inlet Box



Drain



Shaft Seal & Shaft Cooler

Other Accessories

A large number of other appurtenances and accessories is available from Aerovent, including:

- Belt guards – standard and OSHA type
- Split housings
- Shaft and bearing guards
- Couplings and coupling guards
- Wheel liners
- Scroll liners
- Weather covers
- Inlet and outlet screen
- Special material construction (stainless steel, Monel, etc.)
- Special coatings and finishes
- Insulation pins
- Abrasion resistant construction
- Common bases with and without isolation
- Breaker tabs are offered on MHP fans as an option on the relieved inlet transition. These tabs assist in the breakup of material as it enters the fan.

High Temperature Construction Requirements

TEMPERATURE (°F)	TYPE OF BEARING	LUBRICATION	OTHER REQUIREMENTS	AVAILABLE ARRANGEMENTS
-20° to 300°	Ball or Roller	Grease	Standard Fan	Arr. 1, 4, 8, 9 & 10; Arr. 4 limited to 180°F
300° to 500°	Ball or Roller	High Temp. Grease	Shaft Cooler, Shaft Seal Expansion & Non-Expansion Bearings	Arr. 1, 8, 9 and 10*
500° to 800°	Ball or Roller	High Temp. Grease	High Temp. Aluminum Paint, Shaft Cooler, Shaft Seal, Expansion and Non-Expansion Bearings	Arr. 1, 8, 9 & 10*; (Arr. 9 & 10 limited to 600°F unless fan is insulated.)
800° to 1000°	Ball or Roller	High Temp. Grease	Consult Factory	

*Arrangement 10 includes insulated pedestal

Derating Factors for High Temperature

TEMP. (°F)	DERATING FACTOR			
	MHO (22, 32); MHA (22); MHW (22, 32)		MHA (32); MHP (32)	
	STD STEEL	STAINLESS	50 KSI	STAINLESS
70	1.000	0.970	1.000	0.786
200	0.990	0.890	0.990	0.747
300	0.975	0.840	0.975	0.720
400	0.955	0.810	0.957	0.690
500	0.930	0.770	0.931	0.661
600	0.900	0.760	0.904	0.636
700	0.800	0.740	0.880	0.611
800	0.600	0.720	0.837	0.593
900	—	0.710	—	0.576
1000	—	0.680	—	0.550

When elevated temperatures are encountered, maximum RPM allowable as shown below must be derated according to the values given in the table. Standard steel construction is suitable for use in gas temperatures up to 800°F. Aluminum wheels are suitable for temperatures up to 250°F only. For higher maximum RPM or elevated temperatures consult factory.

Maximum RPM, Wheel Weights, & WR² (Moment of Inertia)

FAN SIZE	MODEL MHO/MHR						MODEL MHW						MODEL MHA					
	WHEEL WT. (LB)		WR ² (LB-FT ²)		MAX. RPM		WHEEL WT. (LB)		WR ² (LB-FT ²)		MAX. RPM		WHEEL WT. (LB)		WR ² (LB-FT ²)		MAX. RPM	
	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32	CL 22	CL 32
905	8.0	—	0.39	—	5500	—	—	—	—	—	—	—	—	—	—	—	—	—
907	13.3	—	1.39	—	5296	—	18	—	2.4	—	5457	—	14	—	2	—	5273	—
909	16.5	—	2.32	—	4156	—	30	—	6.3	—	4192	—	26	—	7	—	4134	—
911	43.9	44.8	8.7	8.77	3283	3844	64	69	21	22	3495	4016	46	50	17	17	3373	4000
913	51.5	51.5	13.7	13.7	2822	3378	87	93	39	42	2922	3373	68	70	34	34	2812	3337
915	81.6	105	32.2	38.4	2485	2923	135	146	81	88	2531	2921	104	107	70	71	2521	2910
917	125	126	62.7	62.8	2191	2577	173	188	133	144	2232	2576	110	154	96	131	2147	2566
919	155	165	95.9	99.4	1951	2315	227	245	216	233	2004	2313	166	192	178	202	1928	2304
921	202	202	167	167	1778	2092	305	330	355	385	1791	2091	224	254	291	327	1733	2083
923	223	255	215	232	1623	1910	375	406	525	568	1635	1912	268	338	419	532	1581	1905
926	266	427	461	740	1439	1693	461	501	822	894	1449	1696	342	434	680	875	1402	1689
929	332	551	719	1196	1286	1513	586	637	1308	1422	1295	1515	486	542	1201	1366	1253	1509
933	509	785	1433	2207	1129	1329	1000	1086	2894	3142	1137	1330	713	848	2280	2745	1100	1325
937	620	983	2186	3465	1009	1187	1252	1362	4541	4941	1015	1188	962	1060	3851	4299	983	1184
941	795	1214	3435	5244	911	1072	1546	1670	6867	7463	917	1024	1178	1318	5780	6542	888	1070
945	1212	1715	6314	8936	837	976	1844	2009	9883	10763	835	978	1800	1636	10901	9766	809	974
949	1418	2047	8768	12653	757	896	2236	2432	14220	15469	767	900	2114	2191	14938	15560	743	894
954	2754	—	20590	—	692	—	2685	—	20655	—	696	—	2580	—	21989	—	674	—
960	3355	—	31014	—	622	—	3381	—	32161	—	627	—	3462	—	36440	—	607	—

Bare Fan Weights (lb)

FAN SIZE	ARRANGEMENTS										
	CLASS 22							CLASS 32			
	1	4	8	9	9A, 9B	9F	10	1	4	8	9, 9F
905	100	—	130	—	107	—	107	—	—	—	—
907	133	126	173	—	183	183	183	—	—	—	—
909	174	165	226	—	244	244	244	—	—	—	—
911	333	316	433	—	423	423	423	379	360	493	491
913	421	400	547	—	528	528	528	501	476	651	658
915	612	581	796	—	711	711	711	716	680	931	841
917	747	710	971	—	859	859	859	876	832	1139	1014
919	943	896	1226	—	1086	1086	1086	1104	1049	1435	1313
921	1626	1545	2114	—	1746	1746	1746	1737	1650	2258	1955
923	1956	—	2543	—	2088	2088	2088	2273	—	2955	2575
926	2456	—	3193	—	2608	2608	2608	2773	—	3605	3077
929	2982	—	3877	—	3142	3142	3142	3602	—	4683	3962
933	3435	—	4466	3512	—	3512	—	4135	—	5376	4379
937	4333	—	5633	4437	—	4437	—	5219	—	6785	5489
941	5502	—	7153	5821	—	5821	—	6330	—	8229	6712
945	6758	—	8785	7087	—	7087	—	7776	—	10109	8166
949	8932	—	11612	9632	—	9632	—	9179	—	11933	9601
954	11835	—	—	12667	—	12667	—	—	—	—	—
960	14430	—	—	15374	—	15374	—	—	—	—	—

NOTE: Weights are less motor, drives and accessories

Material Specifications

FAN SIZE	HOUSING CLASS 22			HOUSING CLASS 32			MHO/MHR WHEEL (NOTE 2)				MHW WHEEL (NOTE 2)			MHA WHEEL (NOTE 2)				SHAFT DIAMTR		BRG. CODE (NOTE 1)	
	Sides	Side Plates	Scroll	Sides	Side Plates	Scroll	CL 22 Blade	R Rim	CL 32 Blade	R Rim	Back Plate	CL 22 Blade	CL 32 Blade	Back Plate	Wheel Cone	CL 22 Blade	CL 32 Blade	CL 22	CL 32	CL 22	CL 32
905	12 GA.	10 GA.	12 GA.	—	—	—	10 GA.	—	—	—	—	—	—	—	—	—	—	1	—	HDB	—
907	12 GA.	10 GA.	12 GA.	—	—	—	10 GA.	—	—	—	0.25	7 GA.	—	7 GA.	10 GA.	12 GA.	—	1 ¹ / ₁₆	—	HDB	—
909	12 GA.	10 GA.	12 GA.	—	—	—	10 GA.	—	—	—	0.25	7 GA.	—	7 GA.	10 GA.	10 GA.	—	1 ¹ / ₁₆	—	HDB	—
911	10 GA.	10 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	—	0.25	—	0.25	0.25	0.25	0.25	10 GA.	7 GA.	7 GA.	1 ¹ / ₁₆	1 ¹ / ₁₆	HDB	RB
913	10 GA.	10 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	—	0.25	—	0.25	0.25	0.25	0.25	7 GA.	7 GA.	7 GA.	1 ¹ / ₁₆	1 ¹ / ₁₆	HDB	RB
915	10 GA.	10 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	0.25	—	0.25	—	0.31	0.31	0.31	7 GA.	7 GA.	7 GA.	2 ³ / ₁₆	2 ⁷ / ₁₆	HDB	RB
917	10 GA.	10 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	0.25	—	0.25	—	0.31	0.31	0.31	7 GA.	7 GA.	7 GA.	2 ³ / ₁₆	2 ⁷ / ₁₆	HDB	RB
919	10 GA.	10 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	0.31	—	0.31	—	0.31	0.31	0.31	7 GA.	7 GA.	7 GA.	2 ³ / ₁₆	2 ⁷ / ₁₆	RB	RB
921	10 GA.	7 GA.	10 GA.	7 GA.	7 GA.	7 GA.	7 GA.	0.31	—	0.31	—	0.38	0.38	0.38	7 GA.	7 GA.	7 GA.	2 ⁷ / ₁₆	2 ⁷ / ₁₆	RB	RB
923	7 GA.	7 GA.	7 GA.	0.25	0.25	7 GA.	7 GA.	0.31	—	0.31	—	0.38	0.38	0.38	7 GA.	7 GA.	7 GA.	2 ⁷ / ₁₆	3 ⁷ / ₁₆	RB	RB
926	7 GA.	7 GA.	7 GA.	0.25	0.25	0.25	0.31	—	0.31	0.25	—	0.38	0.38	0.38	7 GA.	7 GA.	7 GA.	2 ¹⁵ / ₁₆	3 ⁷ / ₁₆	RB	RB
929	7 GA.	7 GA.	7 GA.	0.25	0.25	0.25	0.31	—	0.31	0.25	—	0.38	0.38	0.38	7 GA.	0.25	0.31	3 ⁷ / ₁₆	3 ¹⁵ / ₁₆	RB	RB
933	7 GA.	0.25	7 GA.	0.25	0.25	0.25	0.38	—	0.38	0.25	0.50	0.50	0.50	0.50	7 GA.	0.25	0.31	3 ⁷ / ₁₆	3 ¹⁵ / ₁₆	RB	RB
937	0.25	0.25	7 GA.	0.25	0.25	0.25	0.38	—	0.38	0.25	0.50	0.50	0.50	0.50	7 GA.	0.31	0.38	3 ⁷ / ₁₆	4 ¹ / ₁₆	RB	SRB
941	0.25	0.25	7 GA.	0.25	0.25	0.25	0.38	—	0.38	0.25	0.50	0.50	0.50	0.50	7 GA.	0.31	0.38	3 ¹⁵ / ₁₆	4 ¹ / ₁₆	SRB	SRB
945	0.25	0.25	7 GA.	0.25	0.25	0.25	0.50	—	0.50	0.25	0.50	0.50	—	0.63	0.25	0.38	0.38	3 ¹⁵ / ₁₆	4 ¹ / ₁₆	SRB	SRB
949	0.25	0.25	0.25	0.25	0.25	0.25	0.50	—	0.50	0.25	0.50	0.50	—	0.63	0.25	0.38	0.38	4 ⁷ / ₁₆	5 ⁷ / ₁₆	SRB	SRB
954	0.31	0.31	0.31	—	—	—	0.75	—	—	—	0.50	0.50	—	0.63	0.25	0.38	—	5 ⁷ / ₁₆	—	SRB	—
960	0.31	0.31	0.31	—	—	—	0.75	—	—	—	0.50	0.50	—	0.75	0.25	0.38	—	5 ¹⁵ / ₁₆	—	SRB	—

NOTES:

Dimensions are in inches unless otherwise noted.

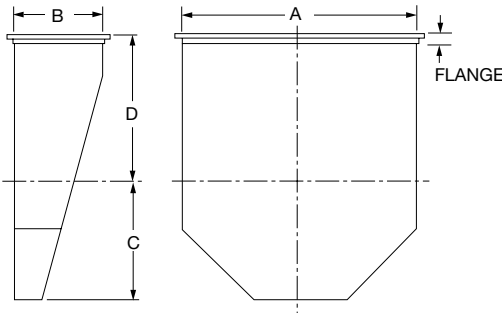
1. BEARINGS CODES:

- SDB — Standard-Duty Ball such as Dodge SCAH
- HDB — Heavy-Duty Ball such as Dodge SCMAH or Sealmaster MP Series
- RB — Roller Bearing such as Dodge S2000 or SKF SYR Series
- SRB — Split Roller Ball such as SKF SAF225 or Linkbelt PLB6800 Series

2. Gauges listed are for standard steel wheel; steel alloy will vary with size and class.

3. Bearing selection is made on the basis of L-10 bearing life to be in no case less than 40,000 hours minimum or L-50 life of 200,000 hours.

Typical Inlet Box Dimensions



FAN SIZE	A	B	C		D	E	INLET AREA (FT²)	F
			CL 22	CL 32				
907	12.75	4.13	1.63	—	8.00	12.00	0.37	1.5 x 1.5
909	16.38	5.38	1.63	—	9.00	13.00	0.61	1.5 x 1.5
911	19.88	6.50	2.13	2.19	10.00	14.00	0.90	1.5 x 1.5
913	23.50	7.75	2.13	2.19	11.00	15.00	1.26	1.5 x 1.5
915	27.00	8.75	2.63	2.69	12.00	16.00	1.64	1.5 x 1.5
917	30.38	9.88	2.63	2.69	13.00	17.00	2.08	1.5 x 1.5
919	34.13	11.13	2.63	2.69	14.00	18.00	2.64	2.0 x 2.0
921	37.75	12.25	3.13	3.19	15.00	19.00	3.21	2.0 x 2.0
923	41.38	13.38	3.19	3.25	16.00	20.00	3.84	2.0 x 2.0
926	46.50	15.13	3.19	3.25	17.50	21.50	4.89	2.5 x 2.5
929	52.00	16.88	3.19	3.25	19.00	23.00	6.10	2.5 x 2.5
933	59.00	19.13	4.19	4.25	21.00	25.00	7.84	2.5 x 2.5
937	66.50	21.50	4.25	4.25	23.00	27.00	9.93	2.5 x 2.5
941	73.50	23.88	5.25	5.25	25.00	29.00	12.19	2.5 x 2.5
945	80.63	26.50	6.25	6.25	27.00	31.00	14.84	2.5 x 2.5
949	87.63	28.75	6.25	6.25	29.00	33.00	17.50	3.5 x 3.5
954	96.75	31.75	6.31	—	32.00	36.00	21.33	3.5 x 3.5
960	107.38	35.25	6.31	—	35.00	39.00	26.29	3.5 x 3.5

905

Wheel Diameter: 8.75"
Tip Speed (FPM): 2.29 x RPM

Inlet Area: 0.14 ft²
Inlet Diameter: 5" O.D.

Outlet Area: 0.15 ft²
Outlet Dimension: 4½" x 4⅞"



MHO | Size 905

Fan Efficiency Grade = FEG63

CFM	OV	0.5" SP		1" SP		1.5" SP		2" SP		2.5" SP		3" SP		3.5" SP		4" SP		4.5" SP		5" SP		5.5" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
182	1200	1338	0.04	1724	0.07	2042	0.10	2313	0.13	2554	1.00	2774	0.20	2979	0.24	3170	0.28	3350	0.32	3521	0.36	3684	0.40
243	1600	1523	0.06	1854	0.10	2150	0.13	2412	0.17	2648	0.21	2864	0.26	3062	0.30	3248	0.35	3423	0.39	3590	0.44	3750	0.49
304	2000	1733	0.10	2029	0.14	2287	0.19	2529	0.23	2755	0.28	2964	0.33	3159	0.38	3343	0.43	3516	0.48	3680	0.54	3835	0.59
365	2400	1968	0.15	2223	0.20	2462	0.26	2678	0.30	2883	0.36	3081	0.41	3269	0.47	3447	0.53	3615	0.58	3777	0.65	3932	0.71
426	2800	2214	0.23	2436	0.28	2653	0.34	2857	0.40	3044	0.46	3223	0.52	3397	0.58	3566	0.64	3730	0.71	3886	0.77	4036	0.84
486	3200	2465	0.32	2664	0.38	2855	0.44	3044	0.51	3223	0.58	3390	0.65	3549	0.71	3704	0.78	3857	0.85	4006	0.92	4152	1.00
547	3600	2725	0.43	2906	0.50	3077	0.57	3246	0.64	3414	0.72	3575	0.80	3727	0.88	3872	0.95	4012	1.02	4149	1.10	4285	1.18
608	4000	2989	0.58	3154	0.65	3312	0.73	3465	0.80	3617	0.89	3767	0.97	3914	1.06	4054	1.15	4187	1.23	4317	1.32	4443	1.40
669	4400	3256	0.75	3408	0.83	3555	0.92	3695	1.00	3833	1.08	3971	1.18	4108	1.27	4243	1.37	4373	1.47	4498	1.56	4618	1.65
730	4800	3526	0.96	3667	1.05	3803	1.14	3934	1.23	4062	1.32	4188	1.41	4314	1.51	4440	1.62	4564	1.72	4685	1.83	4803	1.94
790	5200	3793	1.20	3924	1.30	4052	1.39	4175	1.49	4295	1.59	4412	1.69	4528	1.79	4645	1.90	4761	2.01	4876	2.12	4990	2.24
851	5600	4066	1.49	4188	1.59	4308	1.69	4424	1.80	4537	1.90	4648	2.01	4756	2.11	4864	2.22	4972	2.33	5080	2.45	5187	2.57
912	6000	4340	1.81	4455	1.92	4568	2.03	4678	2.15	4785	2.26	4889	2.37	4991	2.48	5092	2.59	5193	2.71	5293	2.83		
973	6400	4615	2.18	4724	2.30	4830	2.42	4934	2.54	5036	2.66	5135	2.78	5232	2.90								
1034	6800	4891	2.60	4994	2.73	5094	2.86	5193	2.98	5290	3.11												
1094	7200	5164	3.07	5261	3.20																		

CFM	OV	6" SP		6.5" SP		7" SP		7.5" SP		8" SP		8.5" SP		9" SP		9.5" SP		10" SP		10.5" SP		11" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
182	1200	3840	0.44	3989	0.49	4134	0.54	4273	0.58	4408	0.63	4539	0.68	4666	0.73	4790	0.78	4911	0.84	5029	0.89	5144	0.94
243	1600	3903	0.54	4051	0.59	4193	0.64	4331	0.69	4464	0.75	4593	0.8	4719	0.86	4842	0.92	4961	0.97	5078	1.03	5192	1.09
304	2000	3985	0.65	4128	0.70	4267	0.76	4402	0.82	4533	0.88	4660	0.94	4784	1.00	4905	1.07	5023	1.13	5139	1.19	5251	1.26
365	2400	4080	0.77	4222	0.83	4359	0.90	4492	0.96	4620	1.03	4744	1.10	4865	1.16	4983	1.23	5099	1.30	5212	1.37		
426	2800	4181	0.91	4321	0.98	4456	1.05	4588	1.12	4715	1.20	4839	1.27	4959	1.35	5076	1.42	5190	1.50				
486	3200	4293	1.07	4429	1.15	4561	1.22	4689	1.30	4814	1.38	4936	1.46	5055	1.54	5171	1.62	5284	1.71				
547	3600	4419	1.26	4550	1.34	4679	1.42	4804	1.51	4926	1.59	5045	1.68	5160	1.77	5274	1.85						
608	4000	4567	1.48	4689	1.56	4810	1.65	4930	1.74	5048	1.83	5164	1.93	5277	2.02								
669	4400	4735	1.74	4850	1.83	4963	1.92	5075	2.01	5186	2.11	5295	2.20										
730	4800	4916	2.04	5027	2.14	5134	2.23	5240	2.33														
790	5200	5101	2.35	5208	2.46																		
851	5600	5293	2.70																				
912	6000																						
973	6400																						
1034	6800																						
1094	7200																						

MAXIMUM RPM: 5296

Selections above 4000 RPM not recommended. Consult factory.

Performance certified is for installation type B & D: Free or ducted inlet, ducted outlet.
Power ratings (BHP) do not include transmission losses.
Performance ratings do not include the effects of appurtenances (accessories).

Underlined figures indicate maximum static efficiency.
Regular face type = Class 22
Bold face type = Class 32

907

Wheel Diameter: 12.25"
Tip Speed (FPM): 3.21 x RPM

Inlet Area: 0.26 ft²
Inlet Diameter: 7" O.D.

Outlet Area: 0.27 ft²
Outlet Dimension: 6¹/₁₆" x 6¹³/₁₆"

MHO | Size 907



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
324	1200	1179	0.10	<u>1592</u>	<u>0.20</u>	2198	0.41	2666	0.65	3063	0.90												
432	1600	1265	0.15	1650	0.26	<u>2239</u>	<u>0.53</u>	2703	0.81	3096	1.11	3758	1.75										
540	2000	1371	0.21	1728	0.35	<u>2289</u>	<u>0.65</u>	<u>2744</u>	<u>0.98</u>	3134	1.33	3791	2.06	4346	2.84	4837	3.68	5282	4.57				
648	2400	1491	0.29	1821	0.45	<u>2356</u>	<u>0.80</u>	<u>2794</u>	<u>1.17</u>	<u>3177</u>	<u>1.57</u>	3829	2.40	4381	3.27	4868	4.17						
756	2800	1622	0.40	1929	0.58	2435	0.97	2858	1.38	<u>3228</u>	<u>1.82</u>	<u>3870</u>	<u>2.74</u>	4419	3.72	4903	4.72						
864	3200	1762	0.53	2048	0.73	2525	1.16	2933	1.62	3291	2.10	<u>3917</u>	<u>3.11</u>	<u>4459</u>	<u>4.17</u>	4941	5.28						
972	3600	1909	0.69	2173	0.92	2626	1.39	3017	1.89	3365	2.41	<u>3973</u>	<u>3.51</u>	<u>4504</u>	<u>4.66</u>	<u>4982</u>	<u>5.85</u>						
1080	4000	2062	0.89	2307	1.14	<u>2737</u>	<u>1.66</u>	<u>3110</u>	<u>2.20</u>	<u>3446</u>	<u>2.76</u>	4039	3.94	<u>4557</u>	<u>5.18</u>	<u>5026</u>	<u>6.46</u>						
1188	4400	2219	1.12	2446	1.40	2854	1.97	3211	2.55	3535	3.15	4113	4.4	<u>4619</u>	<u>5.73</u>	<u>5078</u>	<u>7.1</u>						
1296	4800	2380	1.40	2591	1.71	2977	2.31	3320	2.94	3632	3.59	4193	4.92	4688	6.32	<u>5137</u>	<u>7.78</u>						
1404	5200	2543	1.72	2739	2.05	3106	2.71	3436	3.38	3736	4.07	4279	5.48	4764	6.95	5204	8.49						
1512	5600	2709	2.09	2892	2.45	<u>3239</u>	<u>3.16</u>	<u>3556</u>	<u>3.87</u>	<u>3846</u>	<u>4.6</u>	4371	6.10	4845	7.65	5276	9.25						
1620	6000	2877	2.52	3048	2.90	3377	3.66	3681	4.42	3962	5.19	4470	6.77	4931	8.40								
1728	6400	3046	3.00	3207	3.40	3519	4.22	3810	5.02	4082	5.83	4575	7.50	5023	9.22								
1836	6800	3216	3.54	3368	3.97	3664	4.83	3942	5.69	4205	6.54	4684	8.29	5119	10.09								
1944	7200	3387	4.15	3531	4.60	3812	5.51	4079	6.42	4332	7.32	4799	9.15	5222	11.04								

MAXIMUM RPM: CLASS 22 = 5296

Selections above 4000 RPM not recommended. Consult factory.

MHA | Size 907



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
324	1200	<u>1163</u>	<u>0.08</u>	1574	0.17																		
432	1600	1251	0.12	<u>1626</u>	<u>0.22</u>	2217	0.46	2697	0.72														
540	2000	1351	0.16	1708	0.29	<u>2258</u>	<u>0.56</u>	2716	0.86	3116	1.18												
648	2400	1463	0.22	1800	0.36	<u>2323</u>	<u>0.67</u>	<u>2756</u>	<u>1.01</u>	3141	1.36	3810	2.13										
756	2800	1583	0.29	1902	0.45	2407	0.80	<u>2817</u>	<u>1.17</u>	<u>3184</u>	<u>1.56</u>	3831	2.40	4395	3.30								
864	3200	1710	0.38	2012	0.56	2497	0.95	2895	1.36	<u>3244</u>	<u>1.78</u>	<u>3866</u>	<u>2.68</u>	4414	3.65	4909	4.67						
972	3600	1843	0.48	2128	0.68	2594	1.11	2982	1.56	3320	2.03	<u>3916</u>	<u>3.00</u>	4447	4.02	4930	5.11						
1080	4000	1980	0.61	2249	0.83	2697	1.29	3073	1.78	3405	2.29	<u>3980</u>	<u>3.34</u>	<u>4493</u>	<u>4.43</u>	4962	5.58						
1188	4400	2122	0.76	2375	1.00	2806	1.50	3171	2.03	3494	2.58	4057	3.70	<u>4550</u>	<u>4.87</u>	<u>5006</u>	<u>6.08</u>						
1296	4800	2269	0.95	2506	1.20	2919	1.74	3273	2.30	3588	2.88	4141	4.10	<u>4620</u>	<u>5.33</u>	<u>5060</u>	<u>6.62</u>						
1404	5200	2419	1.16	2640	1.43	3036	2.00	3380	2.60	3687	3.22	4227	4.51	4699	5.83	<u>5125</u>	<u>7.18</u>						
1512	5600	2571	1.40	2777	1.69	<u>3157</u>	<u>2.30</u>	<u>3490</u>	<u>2.93</u>	<u>3789</u>	<u>3.59</u>	<u>4318</u>	<u>4.95</u>	<u>4783</u>	<u>6.36</u>	5201	7.79						
1620	6000	2726	1.68	2918	1.98	3282	2.63	3605	3.30	3896	3.99	4413	5.42	4870	6.92								
1728	6400	2882	1.99	3061	2.31	3410	3.00	3722	3.70	4006	4.42	4512	5.93	4960	7.50								
1836	6800	3040	2.35	3208	2.68	3541	3.40	3843	4.14	4119	4.90	4614	6.48	5053	8.11								
1944	7200	3198	2.74	3357	3.09	3674	3.85	3966	4.63	4235	5.42	4719	7.06	5150	8.76								

MAXIMUM RPM: CLASS 22 = 5273

Selections above 4000 RPM not recommended. Consult factory.

MHW | Size 907



Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
324	1200	1206	0.10	<u>1607</u>	<u>0.18</u>	2208	0.37	2679	0.57	3080	0.80												
432	1600	1306	0.14	1683	0.25	<u>2257</u>	<u>0.49</u>	2717	0.73	3110	0.99	3776	1.56										
540	2000	1420	0.21	1777	0.34	2324	0.62	<u>2768</u>	<u>0.91</u>	<u>3153</u>	<u>1.22</u>	3808	1.85	4365	2.53	4859	3.26	5308	4.05				
648	2400	1543	0.29	1884	0.44	2408	0.77	2835	1.11	<u>3207</u>	<u>1.45</u>	<u>3850</u>	<u>2.19</u>	4400	2.94	4887	3.73	5330	4.56				
756	2800	1674	0.39	1999	0.57	2504	0.94	2916	1.33	3277	1.72	<u>3901</u>	<u>2.53</u>	<u>4443</u>	<u>3.39</u>	4924	4.26	5362	5.16				
864	3200	1812	0.53	2120	0.73	2609	1.14	3008	1.57	3357	2.01	<u>3965</u>	<u>2.92</u>	<u>4493</u>	<u>3.85</u>	4968	4.82	5401	5.81				
972	3600	1954	0.68	2247	0.92	2720	1.37	3107	1.85	3447	2.33	4039	3.34	<u>4555</u>	<u>4.35</u>	<u>5020</u>	<u>5.40</u>	5446	6.48				
1080	4000	2101	0.87	2380	1.14	2836	1.64	3214	2.16	3545	2.69	4122	3.78	4627	4.90	<u>5081</u>	<u>6.03</u>						
1188	4400	2252	1.10	2517	1.40	2956	1.95	3325	2.51	3648	3.08	4213	4.27	4705	5.47	5151	6.7						
1296	4800	2409	1.37	2658	1.69	3081	2.31	3440	2.91	3757	3.52	4309	4.79	4791	6.09	5227	7.41						
1404	5200	2570	1.69	2801	2.02	3210	2.70	3559	3.35	3870	4.01	4410	5.36	4884	6.75	5311	8.15						
1512	5600	2733	2.05	2948	2.40	<u>3342</u>	<u>3.14</u>	<u>3681</u>	<u>3.85</u>	<u>3985</u>	<u>4.55</u>	4516	5.98	4980	7.45	5401	8.95						
1620	6000	2899	2.48	3098	2.84	3478	3.64	3807	4.39	4104	5.15	4626	6.66	5082	8.22								
1728	6400	3066	2.96	3252	3.33	3617	4.18	3937	5.00	4226	5.80	4739	7.40	5187	9.03								
1836	6800	3235	3.50	3409	3.88	3758	4.79	4069	5.66	4351	6.51	4853	8.20	5296	9.91								

911

Wheel Diameter: 19.125"
Tip Speed (FPM): 5.01 x RPM

Inlet Area: 0.64 ft²
Inlet Diameter: 11" O.D.

Outlet Area: 0.66 ft²
Outlet Dimension: 9 7/16" x 10 9/16"



MHO | Size 911

Fan Efficiency Grade = FEG60

Performance table for MHO Size 911 with columns for CFM, OV, 1" SP, 2" SP, 4" SP, 6" SP, 8" SP, 12" SP, 16" SP, 20" SP, 24" SP, 28" SP, 32" SP. Rows include CFM values and corresponding RPM and BHP for each static pressure.

MAXIMUM RPM: CLASS 22 = 3283 CLASS 32 = 3844

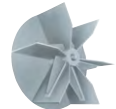


MHA | Size 911

Fan Efficiency Grade = FEG71

Performance table for MHA Size 911 with columns for CFM, OV, 1" SP, 2" SP, 4" SP, 6" SP, 8" SP, 12" SP, 16" SP, 20" SP, 24" SP, 28" SP, 32" SP. Rows include CFM values and corresponding RPM and BHP for each static pressure.

MAXIMUM RPM: CLASS 22 = 3373 CLASS 32 = 4000



MHW | Size 911

Fan Efficiency Grade = FEG63

Performance table for MHW Size 911 with columns for CFM, OV, 1" SP, 2" SP, 4" SP, 6" SP, 8" SP, 12" SP, 16" SP, 20" SP, 24" SP, 28" SP, 32" SP. Rows include CFM values and corresponding RPM and BHP for each static pressure.

MAXIMUM RPM: CLASS 22 = 3495 CLASS 32 = 4016

Performance certified is for installation type B & D: Free or ducted inlet, ducted outlet. Power ratings (BHP) do not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

Underlined figures indicate maximum static efficiency. Regular face type = Class 22 Bold face type = Class 32

913

Wheel Diameter: 22.625"
Tip Speed (FPM): 5.92 x RPM

Inlet Area: 0.87 ft²
Inlet Diameter: 13" O.D.

Outlet Area: 0.93 ft²
Outlet Dimension: 11 1/8" x 12 7/16"

MHO | Size 913



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1116	1200	632	0.31	<u>852</u>	<u>0.60</u>	1181	1.25	1439	1.98														
1488	1600	674	0.46	884	0.83	<u>1198</u>	<u>1.61</u>	1450	2.47														
1860	2000	726	0.65	923	1.09	1227	2.03	<u>1469</u>	<u>3.02</u>	1679	4.06	2038	6.28	2343	8.68	2612	11.26						
2232	2400	784	0.89	970	1.42	1262	2.51	<u>1497</u>	<u>3.64</u>	1700	4.81	2052	7.32	2353	9.95	2620	12.73	2862	15.66	3084	18.74		
2604	2800	847	1.19	1022	1.80	1301	3.04	1531	4.33	<u>1730</u>	<u>5.66</u>	<u>2071</u>	<u>8.42</u>	2367	11.34	2631	14.36	2871	17.52	3092	20.79	3298	24.20
2976	3200	914	1.57	1079	2.26	1346	3.66	1569	5.10	1764	6.59	2097	9.61	2386	12.8	2646	16.12	2883	19.52	3102	23.03	3306	26.64
3348	3600	984	2.04	1139	2.80	1396	4.37	1610	5.95	1801	7.59	2129	10.94	<u>2411</u>	<u>14.37</u>	<u>2665</u>	<u>17.95</u>	2898	21.64	3115	25.42	3317	29.27
3720	4000	1057	2.60	1203	3.43	1449	5.16	1657	6.92	1841	8.69	2164	12.36	<u>2441</u>	<u>16.07</u>	<u>2689</u>	<u>19.88</u>	2918	23.84	3131	27.90	3331	32.04
4092	4400	1131	3.27	1271	4.19	1505	6.06	1707	7.98	1885	9.90	2200	13.85	2475	17.91	<u>2719</u>	<u>22.00</u>	2943	26.19	3151	30.47	3348	34.90
4464	4800	1208	4.06	1340	5.05	1564	7.07	1759	9.15	1933	11.24	2240	15.48	2510	19.84	2752	24.25	2972	28.7	3177	33.24	3369	37.85
4836	5200	1286	4.97	1410	6.03	1626	8.22	1814	10.45	1984	12.71	2283	17.24	2548	21.9	2787	26.63	3005	31.39	3207	36.20		
5208	5600	1366	6.04	1483	7.17	1690	9.50	1872	11.89	2037	14.31	2329	19.15	2588	24.09	2823	29.10	3039	34.18	3239	39.30		
5580	6000	1448	7.27	1556	8.44	1756	10.93	1932	13.47	2092	16.04	2378	21.22	2630	26.41	2861	31.72	3075	37.12	3273	42.55		
5952	6400	1530	8.65	1632	9.89	1824	12.52	1994	15.22	2149	17.92	2429	23.44	2676	28.93	2902	34.51	3112	40.19	3308	45.92		
6324	6800	1613	10.21	1709	11.51	1894	14.30	2058	17.13	2208	19.97	2481	25.8	2724	31.63	2945	37.47	3151	43.41	3344	49.42		
6696	7200	1696	11.94	1787	13.31	1964	16.23	2123	19.20	2270	22.24	2536	28.36	2774	34.50	2991	40.64	3193	46.85				

MAXIMUM RPM: CLASS 22 = 2822 CLASS 32 = 3378

MHA | Size 913



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1116	1200	622	0.27	840	0.53																		
1488	1600	668	0.38	<u>870</u>	<u>0.71</u>	1184	1.43	1440	2.24														
1860	2000	721	0.53	912	0.92	<u>1207</u>	<u>1.75</u>	1450	2.66	1664	3.65												
2232	2400	778	0.70	961	1.17	1242	2.13	<u>1473</u>	<u>3.14</u>	1677	4.23	2034	6.59										
2604	2800	839	0.92	1015	1.47	1285	2.56	1507	3.70	<u>1701</u>	<u>4.88</u>	2044	7.43	2346	10.20								
2976	3200	903	1.18	1071	1.80	1333	3.04	1547	4.31	<u>1735</u>	<u>5.62</u>	2064	8.35	2356	11.32	2620	14.46	2862	17.74				
3348	3600	971	1.51	1130	2.18	1384	3.59	1592	4.99	1774	6.42	<u>2093</u>	<u>9.39</u>	<u>2374</u>	<u>12.52</u>	2630	15.84	2868	19.35	3088	22.95	3295	26.70
3720	4000	1039	1.89	1191	2.63	1439	4.20	1640	5.73	1818	7.30	2128	10.51	<u>2401</u>	<u>13.87</u>	<u>2648</u>	<u>17.34</u>	2879	21.02	3095	24.83	3299	28.79
4092	4400	1110	2.36	1256	3.16	1495	4.86	1692	6.56	1865	8.25	2167	11.72	<u>2433</u>	<u>15.30</u>	<u>2674</u>	<u>19.00</u>	2897	22.82	3108	26.82	3307	30.95
4464	4800	1181	2.90	1322	3.76	1552	5.58	1746	7.45	1915	9.29	2210	13.01	2470	16.85	<u>2705</u>	<u>20.77</u>	2922	24.78	3126	28.92	3321	33.24
4836	5200	1254	3.52	1389	4.44	1612	6.38	1802	8.43	1967	10.41	2256	14.4	2510	18.48	2740	22.64	2953	26.89	3152	31.23		
5208	5600	1328	4.24	1458	5.23	1673	7.28	1858	9.46	2022	11.64	2304	15.88	2553	20.22	2778	24.61	2987	29.11	3182	33.66		
5580	6000	1403	5.06	1528	6.11	1736	8.28	1916	10.57	2077	12.93	2355	17.48	2599	22.07	2820	26.72	3024	31.43	3216	36.24		
5952	6400	1479	5.99	1598	7.10	1801	9.39	1975	11.78	2133	14.29	2407	19.17	2647	24.03	2864	28.93	3064	33.88	3252	38.90		
6324	6800	1555	7.02	1670	8.20	1867	10.62	2036	13.12	2190	15.73	2461	20.98	2696	26.09	2910	31.26	3107	36.46	3291	41.71		
6696	7200	1632	8.18	1742	9.42	1934	11.96	2099	14.59	2249	17.31	2516	22.89	2748	28.31	2957	33.69	3152	39.18	3333	44.66		

MAXIMUM RPM: CLASS 22 = 2812 CLASS 32 = 3337

MHW | Size 913



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1116	1200	646	0.31	<u>870</u>	<u>0.60</u>	1194	1.23	1447	1.93														
1488	1600	692	0.46	904	0.81	<u>1222</u>	<u>1.59</u>	1470	2.42	1681	3.30	2038	5.25										
1860	2000	744	0.65	946	1.08	<u>1253</u>	<u>2.00</u>	<u>1498</u>	<u>2.98</u>	1707	4.00	2058	6.15	2357	8.49	2622	11.02						
2232	2400	800	0.89	995	1.40	1290	2.46	<u>1529</u>	<u>3.58</u>	<u>1735</u>	<u>4.75</u>	2084	7.20	2379	9.76	2640	12.46	2877	15.32	3096	18.34		
2604	2800	859	1.20	1048	1.79	1334	3.01	1565	4.26	<u>1767</u>	<u>5.57</u>	2112	8.31	2405	11.16	2664	14.11	2898	17.16	3114	20.35	3316	23.67
2976	3200	921	1.59	1103	2.26	1381	3.63	1606	5.03	1803	6.47	<u>2142</u>	<u>9.48</u>	<u>2433</u>	<u>12.64</u>	2690	15.88	2922	19.18	3136	22.58	3336	26.1
3348	3600	987	2.07	1161	2.82	1432	4.34	1652	5.90	1843	7.48	2175	10.75	<u>2462</u>	<u>14.17</u>	<u>2717</u>	<u>17.72</u>	2949	21.34	3161	24.99	3359	28.74
3720	4000	1058	2.64	1220	3.47	1486	5.15	1700	6.86	1887	8.59	2211	12.13	<u>2494</u>	<u>15.82</u>	<u>2746</u>	<u>19.62</u>	2976	23.54	3188	27.53		
4092	4400	1132	3.32	1281	4.23	1541	6.08	1751	7.93	1934	9.82	2252	13.65	2529	17.6	<u>2777</u>	<u>21.65</u>	3005	25.83	3215	30.1		
4464	4800	1208	4.13	1345	5.11	1597	7.1																

915

Wheel Diameter: 26.125"
Tip Speed (FPM): 6.84 x RPM

Inlet Area: 1.17 ft²
Inlet Diameter: 15" O.D.

Outlet Area: 1.24 ft²
Outlet Dimension: 12¹³/₁₆" x 14⁵/₁₆"

MHO | Size 915



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1488	1200	547	0.42	738	0.81	1023	1.67	1246	2.63														
1984	1600	584	0.61	766	1.10	1038	2.15	1256	3.29	1442	4.49	1757	7.14										
2480	2000	629	0.87	799	1.45	1062	2.70	1272	4.02	1454	5.42	1765	8.37	2029	11.57	2262	15.01						
2976	2400	679	1.19	840	1.89	1093	3.34	1296	4.85	1472	6.41	1777	9.75	2038	13.27	2269	16.97	2479	20.90	2671	24.99		
3472	2800	733	1.59	885	2.40	1127	4.06	1326	5.78	1498	7.54	1793	11.21	2050	15.12	2279	19.16	2486	23.34	2678	27.73	2856	32.26
3968	3200	792	2.10	934	3.01	1166	4.88	1359	6.81	1528	8.79	1816	12.82	2066	17.06	2291	21.48	2497	26.04	2686	30.69	2863	35.51
4464	3600	853	2.72	987	3.74	1209	5.82	1395	7.95	1559	10.11	1844	14.59	2088	19.16	2308	23.93	2510	28.86	2697	33.87	2873	39.04
4960	4000	915	3.46	1042	4.58	1255	6.89	1435	9.22	1594	11.58	1874	16.47	2114	21.43	2329	26.52	2527	31.79	2712	37.23	2885	42.73
5456	4400	980	4.36	1100	5.58	1304	8.09	1478	10.64	1633	13.21	1906	18.49	2144	23.90	2355	29.34	2548	34.89	2729	40.63	2900	46.55
5952	4800	1046	5.41	1160	6.73	1355	9.44	1524	12.22	1674	14.99	1940	20.65	2174	26.46	2384	32.37	2574	38.27	2751	44.3	2918	50.49
6448	5200	1114	6.64	1222	8.06	1408	10.96	1571	13.93	1718	16.94	1977	22.99	2206	29.17	2413	35.47	2603	41.88	2777	48.25		
6944	5600	1183	8.05	1284	9.56	1464	12.68	1621	15.84	1764	19.07	2017	25.54	2241	32.11	2445	38.81	2632	45.58	2805	52.39		
7440	6000	1254	9.69	1348	11.26	1521	14.58	1673	17.96	1812	21.39	2059	28.28	2278	35.23	2478	42.31	2663	49.5	2835	56.76		
7936	6400	1325	11.53	1413	13.18	1580	16.7	1727	20.29	1861	23.89	2103	31.23	2317	38.55	2513	46.01	2695	53.58	2865	61.23		
8432	6800	1397	13.61	1480	15.34	1640	19.05	1782	22.82	1913	26.67	2149	34.41	2359	42.17	2551	49.99	2729	57.89	2896	65.89		
8928	7200	1469	15.92	1547	17.72	1701	21.65	1839	25.62	1965	29.61	2196	37.8	2402	45.98	2590	54.17	2765	62.45				

MAXIMUM RPM: CLASS 22 = 2485 CLASS 32 = 2923

MHA | Size 915



Fan Efficiency Grade = FEG75

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1488	1200	539	0.36	728	0.71																		
1984	1600	578	0.51	754	0.94	1025	1.90	1247	2.99														
2480	2000	624	0.70	790	1.22	1045	2.33	1256	3.55	1441	4.87												
2976	2400	674	0.94	832	1.56	1076	2.84	1276	4.19	1452	5.63	1762	8.80										
3472	2800	726	1.22	879	1.95	1113	3.41	1305	4.93	1473	6.50	1771	9.92	2032	13.61								
3968	3200	782	1.57	928	2.40	1154	4.05	1339	5.74	1503	7.50	1788	11.15	2040	15.08	2269	19.27	2479	23.67				
4464	3600	841	2.01	979	2.91	1199	4.79	1379	6.66	1536	8.55	1813	12.53	2056	16.70	2278	21.13	2484	25.80	2675	30.63	2854	35.62
4960	4000	900	2.53	1032	3.51	1246	5.59	1421	7.65	1574	9.72	1843	14.02	2079	18.48	2293	23.12	2493	28.02	2681	33.13	2857	38.38
5456	4400	961	3.14	1087	4.20	1295	6.49	1465	8.73	1615	11.00	1877	15.63	2107	20.40	2315	25.31	2509	30.43	2691	35.74	2864	41.27
5952	4800	1023	3.86	1145	5.01	1344	7.44	1512	9.94	1658	12.38	1914	17.35	2139	22.46	2343	27.70	2531	33.05	2707	38.55	2876	44.31
6448	5200	1086	4.70	1203	5.92	1396	8.51	1560	11.23	1704	13.9	1954	19.21	2173	24.62	2373	30.19	2557	35.84	2730	41.65	2893	47.56
6944	5600	1150	5.65	1263	6.98	1449	9.71	1609	12.61	1751	15.51	1996	21.2	2211	26.96	2406	32.82	2587	38.82	2756	44.89		
7440	6000	1215	6.75	1323	8.15	1504	11.05	1659	14.09	1799	17.24	2039	23.29	2251	29.43	2442	35.62	2619	41.91	2785	48.31		
7936	6400	1281	7.99	1384	9.46	1560	12.53	1711	15.72	1847	19.04	2085	25.58	2292	32.03	2480	38.56	2653	45.14	2816	51.85		
8432	6800	1347	9.37	1446	10.93	1617	14.16	1763	17.48	1897	20.99	2131	27.96	2335	34.8	2520	41.68	2691	48.63	2850	55.6		
8928	7200	1414	10.93	1509	12.57	1675	15.95	1818	19.46	1947	23.05	2179	30.52	2379	37.71	2561	44.93	2729	52.2	2886	59.52		

MAXIMUM RPM: CLASS 22 = 2521 CLASS 32 = 2910

MHW | Size 915



Fan Efficiency Grade = FEG67

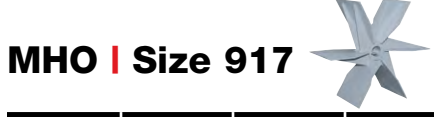
CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1488	1200	559	0.41	753	0.80	1034	1.64	1253	2.58														
1984	1600	599	0.61	783	1.09	1058	2.12	1273	3.23	1456	4.41	1765	7.00										
2480	2000	645	0.86	820	1.44	1085	2.66	1298	3.98	1478	5.34	1783	8.21	2041	11.32	2270	14.68						
2976	2400	693	1.19	862	1.87	1117	3.28	1324	4.77	1503	6.34	1805	9.60	2060	13.00	2287	16.63	2492	20.44	2681	24.45		
3472	2800	744	1.61	908	2.40	1155	4.01	1355	5.67	1530	7.42	1829	11.08	2083	14.89	2307	18.81	2510	22.89	2697	27.13	2871	31.54
3968	3200	797	2.12	956	3.02	1196	4.84	1391	6.70	1561	8.62	1855	12.64	2107	16.86	2329	21.16	2531	25.59	2716	30.11	2889	34.80
4464	3600	855	2.76	1005	3.75	1241	5.80	1430	7.86	1596	9.97	1883	14.32	2132	18.90	2353	23.62	2554	28.45	2738	33.34	2909	38.31
4960	4000	916	3.51	1057	4.63	1287	6.87	1472	9.15	1634	11.45	1915	16.17	2160	21.10	2378	26.16	2578	31.42	2761	36.71		
5456	4400	980	4.43	1109	5.64	1334	8.09	1517	10.59	1675	13.10	1950	18.19	2190	23.46	2405	28.86	2602	34.43	2785	40.17		
5952	4800	1046	5.50	1165	6.81	1383	9.48	1563	12.18	1718	14.89	1988	20.4	2223	26.01	2435	31.78	2629	37.67	2809	43.69		
6448	5200	1113	6.75	1224	8.16	1434	11.05	1610	13.95	1763	16.86	2028	22.78	2259	28.77	2467	34.88	2658	41.10	2836	47.47		
6944	5600	1182	8.22	1286	9.70	1485	12.79	1658	15.90	1809	19.02	2070	25.36	2297	31.74	2501	38.17	2690	44.79	2865	51.47		
7440	6000	1251	9.87	1349	11.44	1537	14.74	1707	18.05	1856	21.38	2113	28.1	2337	34.92	2538	41.74	2723	48.65	2896	55.69		
7936	6400	1322	11.77	1413	13.38	1591	16.90	1758	20.44	1904	23.97	2158	31.08	2378									

917

Wheel Diameter: 29.625"
Tip Speed (FPM): 7.76 x RPM

Inlet Area: 1.58 ft²
Inlet Diameter: 17 1/4" O.D.

Outlet Area: 1.59 ft²
Outlet Dimension: 14 1/2" x 16 1/4"

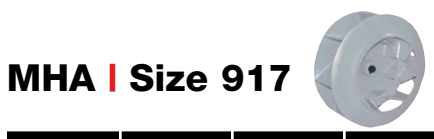


MHO | Size 917

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1908	1200	482	0.54	<u>650</u>	<u>1.03</u>	902	2.14	1099	3.38														
2544	1600	514	0.78	675	1.41	<u>915</u>	<u>2.76</u>	1107	4.21	1272	5.77	1549	9.16										
3180	2000	554	1.11	704	1.86	<u>936</u>	<u>3.46</u>	<u>1121</u>	<u>5.15</u>	1282	6.95	1557	10.76	1789	14.84	1995	19.28						
3816	2400	598	1.52	740	2.42	963	4.28	<u>1143</u>	<u>6.22</u>	<u>1298</u>	<u>8.23</u>	1567	12.52	1797	17.02	2001	21.78	2186	26.82	<u>2355</u>	<u>32.07</u>		
4452	2800	646	2.04	780	3.08	993	5.20	1169	7.41	<u>1320</u>	<u>9.66</u>	<u>1581</u>	<u>14.39</u>	1808	19.40	2009	24.56	<u>2192</u>	<u>29.95</u>	<u>2361</u>	<u>35.56</u>	2518	41.39
5088	3200	697	2.68	823	3.85	1027	6.24	1197	8.71	1346	11.24	<u>1601</u>	<u>16.44</u>	1822	21.90	2020	27.55	<u>2201</u>	<u>33.37</u>	<u>2369</u>	<u>39.41</u>	2525	45.59
5724	3600	750	3.47	869	4.78	1065	7.45	1229	10.17	1374	12.96	1625	18.68	1840	24.53	2035	30.70	<u>2213</u>	<u>37.00</u>	<u>2378</u>	<u>43.44</u>	2533	50.06
6360	4000	805	4.42	918	5.87	1106	8.83	1264	11.80	1405	14.84	1652	21.12	1864	27.49	<u>2053</u>	<u>33.99</u>	<u>2228</u>	<u>40.77</u>	<u>2391</u>	<u>47.73</u>	<u>2544</u>	<u>54.82</u>
6996	4400	862	5.56	969	7.14	1148	10.34	1302	13.61	1439	16.92	1680	23.70	1889	30.59	2076	37.61	<u>2247</u>	<u>44.77</u>	<u>2406</u>	<u>52.11</u>	<u>2557</u>	<u>59.71</u>
7632	4800	920	6.90	1021	8.59	1193	12.07	1342	15.62	1475	19.19	1710	26.47	1916	33.89	2101	41.46	<u>2269</u>	<u>49.06</u>	<u>2425</u>	<u>56.78</u>	<u>2573</u>	<u>64.77</u>
8268	5200	980	8.47	1075	10.28	1240	14.02	1384	17.83	1514	21.71	1742	29.44	1945	37.42	2127	45.47	<u>2294</u>	<u>53.64</u>	<u>2448</u>	<u>61.85</u>		
8904	5600	1041	10.28	1130	12.20	1289	16.21	1428	20.28	1554	24.41	1777	32.69	1975	41.13	2155	49.74	<u>2320</u>	<u>58.42</u>	<u>2473</u>	<u>67.19</u>		
9540	6000	1103	12.36	1186	14.37	1339	18.63	1473	22.95	1596	27.37	1814	36.20	2007	45.09	2184	54.21	<u>2347</u>	<u>63.41</u>	<u>2499</u>	<u>72.75</u>		
10176	6400	1165	14.69	1244	16.85	1391	21.35	1521	25.96	1639	30.56	1853	40.00	2042	49.40	2215	58.97	<u>2375</u>	<u>68.63</u>	<u>2525</u>	<u>78.44</u>		
10812	6800	1229	17.37	1302	19.58	1444	24.37	1569	29.18	1684	34.07	1893	44.04	2078	53.95	<u>2248</u>	<u>64.03</u>	<u>2405</u>	<u>74.16</u>	<u>2553</u>	<u>84.48</u>		
11448	7200	1292	20.31	1362	22.67	1497	27.64	1619	32.74	1731	37.91	1934	48.35	2116	58.84	<u>2282</u>	<u>69.35</u>	<u>2437</u>	<u>80.04</u>				

MAXIMUM RPM: CLASS 22 = 2191 CLASS 32 = 2577



MHA | Size 917

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1908	1200	475	0.46	642	0.91																		
2544	1600	509	0.65	<u>664</u>	<u>1.21</u>	904	2.44	1100	3.84														
3180	2000	550	0.90	696	1.57	<u>921</u>	<u>2.99</u>	1107	4.55	1271	6.25												
3816	2400	593	1.19	733	1.99	948	3.64	<u>1125</u>	<u>5.38</u>	1280	7.22	1554	11.29										
4452	2800	640	1.56	774	2.50	981	4.37	1150	6.32	<u>1299</u>	<u>8.35</u>	1561	12.71	1792	17.47								
5088	3200	689	2.02	817	3.07	1017	5.20	1180	7.35	1325	9.61	<u>1576</u>	<u>14.29</u>	1799	19.36	2001	24.74	<u>2186</u>	<u>30.38</u>				
5724	3600	740	2.57	862	3.73	1056	6.12	1215	8.53	1354	10.97	<u>1598</u>	<u>16.05</u>	1812	21.39	2009	27.12	<u>2190</u>	<u>33.09</u>	<u>2359</u>	<u>39.31</u>		
6360	4000	792	3.23	909	4.49	1098	7.17	1252	9.80	1387	12.46	1625	17.99	1833	23.70	<u>2022</u>	<u>29.67</u>	<u>2198</u>	<u>35.93</u>	<u>2364</u>	<u>42.51</u>	2519	49.23
6996	4400	846	4.02	957	5.37	1140	8.29	1291	11.20	1423	14.09	1654	20.02	1858	26.19	<u>2041</u>	<u>32.46</u>	<u>2212</u>	<u>39.03</u>	<u>2373</u>	<u>45.87</u>	2525	52.92
7632	4800	900	4.93	1008	6.41	1184	9.52	1332	12.72	1461	15.86	1687	22.24	1885	28.78	<u>2065</u>	<u>35.50</u>	<u>2231</u>	<u>42.37</u>	<u>2387</u>	<u>49.46</u>	2535	56.79
8268	5200	956	6.00	1059	7.57	1229	10.88	1374	14.37	1501	17.79	1722	24.62	1915	31.55	2092	38.72	<u>2254</u>	<u>45.95</u>	<u>2408</u>	<u>53.36</u>	<u>2550</u>	<u>60.96</u>
8904	5600	1012	7.22	1112	8.92	1276	12.42	1417	16.13	1542	19.85	1758	27.12	1948	34.52	2120	42.04	<u>2280</u>	<u>49.74</u>	<u>2429</u>	<u>57.53</u>		
9540	6000	1069	8.61	1165	10.42	1324	14.13	1461	18.03	1584	22.05	1797	29.86	1983	37.68	<u>2152</u>	<u>45.64</u>	<u>2308</u>	<u>53.70</u>	<u>2455</u>	<u>61.94</u>		
10176	6400	1127	10.20	1218	12.09	1373	16.01	1507	20.13	1627	24.39	1837	32.77	2020	41.06	<u>2186</u>	<u>49.45</u>	<u>2339</u>	<u>57.92</u>	<u>2482</u>	<u>66.47</u>		
10812	6800	1185	11.96	1273	13.98	1424	18.12	1553	22.39	1671	26.88	1878	35.85	2057	44.56	<u>2221</u>	<u>53.43</u>	<u>2371</u>	<u>62.28</u>	<u>2512</u>	<u>71.28</u>		
11448	7200	1244	13.95	1328	16.06	1475	20.41	1600	24.85	1715	29.51	1919	39.05	2096	48.30	<u>2257</u>	<u>57.59</u>	<u>2405</u>	<u>66.90</u>	<u>2544</u>	<u>76.33</u>		

MAXIMUM RPM: CLASS 22 = 2147 CLASS 32 = 2566



MHW | Size 917

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1908	1200	493	0.53	<u>664</u>	<u>1.02</u>	912	2.10	1105	3.31														
2544	1600	528	0.78	690	1.39	<u>933</u>	<u>2.72</u>	1123	4.15	1284	5.66	1556	8.97										
3180	2000	568	1.10	722	1.84	<u>957</u>	<u>3.41</u>	<u>1144</u>	<u>5.10</u>	1303	6.84	1572	10.54	1800	14.53	2002	18.86						
3816	2400	610	1.52	759	2.40	985	4.21	<u>1167</u>	<u>6.11</u>	<u>1325</u>	<u>8.13</u>	1591	12.31	1817	16.70	2016	21.32	2197	26.22	<u>2364</u>	<u>31.38</u>		
4452	2800	655	2.05	800	3.07	1018	5.14	1195	7.28	<u>1349</u>	<u>9.52</u>	<u>1613</u>	<u>14.23</u>	1836	19.08	2034	24.13	2213	29.36	<u>2378</u>	<u>34.82</u>	2532	40.50
5088	3200	702	2.71	842	3.87	1054	6.20	1226	8.59	1376	11.05	<u>1635</u>	<u>16.20</u>	1857	21.60	2054	27.16	2231	32.79	<u>2395</u>	<u>38.64</u>	2547	44.63
5724	3600	753	3.53	886	4.82	1093	7.41	1261	10.08	1407	12.78	<u>1660</u>	<u>18.36</u>	1880	24.25	<u>2075</u>	<u>30.32</u>	<u>2251</u>	<u>36.46</u>	<u>2414</u>	<u>42.76</u>	2565	49.16
6360	4000	806	4.49	931	5.93	1134	8.80	1297	11.71	1440	14.67	1688	20.73	1904	27.05	<u>2097</u>	<u>33.57</u>	<u>2272</u>	<u>40.25</u>	<u>2434</u>	<u>47.07</u>		
6996	4400	862	5.64	977	7.21	1175	10.35	1336	13.54	1476	16.78	1719	23.32	1930	30.05	2120	37.00	<u>2294</u>	<u>44.15</u>	<u>2455</u>	<u>51.49</u>		
7632	4800	920	7.02	1026	8.71	1219	12.15	1377	15.59	1514	19.08	1752	26.13	19									

919

Wheel Diameter: 33"
Tip Speed (FPM): 8.64 x RPM

Inlet Area: 1.97 ft²
Inlet Diameter: 19 1/4" O.D.

Outlet Area: 1.97 ft²
Outlet Dimension: 16 1/8" x 18 1/16"



MHO | Size 919

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2364	1200	433	0.67	<u>584</u>	<u>1.28</u>	810	2.66	986	4.19														
3152	1600	462	0.97	606	1.75	<u>821</u>	<u>3.41</u>	994	5.23	1142	7.16	1391	11.37										
3940	2000	497	1.37	632	2.31	841	4.30	<u>1007</u>	<u>6.40</u>	1151	8.61	1397	13.31	1606	18.40	1791	23.90						
4728	2400	536	1.87	664	2.99	864	5.29	<u>1026</u>	<u>7.71</u>	<u>1165</u>	<u>10.19</u>	1406	15.49	1613	21.09	1796	26.99	1962	33.23	2115	39.81		
5516	2800	579	2.51	700	3.81	891	6.43	1049	9.17	<u>1185</u>	<u>11.97</u>	<u>1419</u>	<u>17.82</u>	1623	24.05	1804	30.47	1968	37.13	2120	44.11	2261	51.34
6304	3200	625	3.31	738	4.76	922	7.74	1075	10.81	1208	13.92	<u>1437</u>	<u>20.36</u>	<u>1635</u>	<u>27.11</u>	1814	34.18	1976	41.37	2126	48.79	2266	56.46
7092	3600	673	4.29	779	5.90	956	9.24	1103	12.60	1233	16.04	1459	23.17	<u>1652</u>	<u>30.42</u>	<u>1826</u>	<u>38.00</u>	1987	45.89	2135	53.86	2274	62.06
7880	4000	722	5.47	823	7.25	992	10.91	1134	14.60	1261	18.39	1482	26.12	<u>1673</u>	<u>34.06</u>	<u>1843</u>	<u>42.13</u>	2000	50.52	2146	59.13	2283	67.87
8668	4400	773	6.88	869	8.83	1030	12.80	1168	16.84	1291	20.94	1507	29.31	1696	37.94	<u>1863</u>	<u>46.57</u>	2017	55.48	2160	64.59	2295	73.97
9456	4800	825	8.53	916	10.64	1070	14.93	1204	19.33	1324	23.78	1534	32.74	1720	42.01	1886	51.38	2037	60.81	2177	70.38	2309	80.19
10244	5200	879	10.48	964	12.71	1112	17.33	1242	22.09	1358	26.84	1563	36.43	1745	46.30	1909	56.32	2059	66.46	2197	76.60		
11032	5600	934	12.73	1014	15.12	1156	20.04	1281	25.10	1394	30.20	1595	40.50	1772	50.90	1934	61.59	2082	72.34	2219	83.16		
11820	6000	989	15.27	1064	17.79	1201	23.04	1322	28.44	1432	33.89	1628	44.84	1801	55.83	1960	67.13	2106	78.50	2242	90.00		
12608	6400	1045	18.18	1115	20.80	1248	26.44	1364	32.09	1471	37.87	1663	49.54	1832	61.13	1988	73.05	2132	85.06	2266	97.14		
13396	6800	1102	21.47	1168	24.23	1295	30.13	1408	36.15	1511	42.18	1698	54.47	1865	66.84	2017	79.25	2158	91.80	2291	104.60		
14184	7200	1159	25.14	1221	28.00	1343	34.21	1452	40.49	1553	46.93	1735	59.82	1899	72.89	2048	85.90	2187	99.11				

MAXIMUM RPM: CLASS 22 = 1951 CLASS 32 = 2315

MHA | Size 919



Fan Efficiency Grade = FEG75

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2364	1200	426	0.56	576	1.12																		
3152	1600	457	0.81	<u>596</u>	<u>1.49</u>	811	3.02	987	4.75														
3940	2000	493	1.11	625	1.95	<u>827</u>	<u>3.71</u>	994	5.64	1141	7.75												
4728	2400	532	1.48	658	2.47	851	4.51	<u>1009</u>	<u>6.65</u>	1149	8.95	1395	14.00										
5516	2800	574	1.93	695	3.10	880	5.41	<u>1032</u>	<u>7.82</u>	<u>1166</u>	<u>10.34</u>	1401	15.74	1608	21.63								
6304	3200	618	2.49	733	3.80	913	6.44	1059	9.11	1189	11.91	<u>1415</u>	<u>17.72</u>	1615	23.99	1796	30.65	1962	37.63				
7092	3600	664	3.18	773	4.61	948	7.59	1090	10.55	1215	13.58	<u>1434</u>	<u>19.88</u>	<u>1627</u>	<u>26.53</u>	1803	33.59	1966	41.01	2117	48.68		
7880	4000	711	4.00	815	5.55	985	8.87	1123	12.12	1245	15.44	1458	22.27	<u>1645</u>	<u>29.36</u>	<u>1815</u>	<u>36.76</u>	1973	44.53	2122	52.68	2262	61.08
8668	4400	758	4.96	859	6.66	1023	10.27	1158	13.85	1277	17.45	1484	24.78	1667	32.41	<u>1832</u>	<u>40.22</u>	1985	48.32	2130	56.83	2267	65.62
9456	4800	807	6.09	904	7.93	1062	11.78	1195	15.75	1311	19.64	1514	27.56	1692	35.67	<u>1854</u>	<u>44.02</u>	2002	52.46	2143	61.33	2279	70.43
10244	5200	857	7.42	950	9.37	1103	13.49	1233	17.80	1347	22.04	1545	30.47	1719	39.10	1877	47.93	2023	56.93	2160	66.15	2286	75.55
11032	5600	907	8.91	997	11.02	1144	15.35	1272	20.00	1384	24.60	1578	33.62	1749	42.81	1903	52.10	2047	61.68	2180	71.26		
11820	6000	959	10.66	1044	12.86	1188	17.50	1311	22.33	1421	27.29	1612	36.95	1780	46.70	1931	56.50	2072	66.58	2204	76.80		
12608	6400	1010	12.59	1092	14.93	1232	19.83	1351	24.86	1460	30.21	1648	40.55	1812	50.79	1961	61.18	2099	71.73	2228	82.39		
13396	6800	1062	14.76	1141	17.26	1277	22.40	1393	27.70	1499	33.27	1685	44.38	1846	55.19	1993	66.16	2128	77.17	2254	88.24		
14184	7200	1115	17.22	1191	19.86	1323	25.25	1436	30.80	1539	36.56	1722	48.37	1881	59.83	2025	71.29	2158	82.83	2283	94.54		

MAXIMUM RPM: CLASS 22 = 1928 CLASS 32 = 2304

MHW | Size 919



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2364	1200	443	0.66	<u>596</u>	<u>1.26</u>	819	2.61	992	4.10														
3152	1600	474	0.96	619	1.72	<u>837</u>	<u>3.37</u>	1008	5.14	1152	7.00	1397	11.13										
3940	2000	509	1.36	648	2.28	<u>859</u>	<u>4.23</u>	<u>1027</u>	<u>6.32</u>	1170	8.49	1411	13.06	1616	18.02	1797	23.38						
4728	2400	548	1.89	681	2.97	884	5.21	<u>1048</u>	<u>7.59</u>	<u>1189</u>	<u>10.07</u>	1428	15.25	1631	20.70	1810	26.44	1972	32.49	2122	38.90		
5516	2800	588	2.54	717	3.78	914	6.37	1072	9.01	<u>1211</u>	<u>11.80</u>	<u>1447</u>	<u>17.60</u>	1648	23.64	1826	29.91	1986	36.36	2135	43.17	2273	50.21
6304	3200	630	3.36	755	4.78	946	7.68	1100	10.63	1235	13.69	<u>1468</u>	<u>20.09</u>	<u>1667</u>	<u>26.77</u>	1843	33.61	2003	40.66	2150	47.90	2286	55.29
7092	3600	675	4.35	794	5.94	981	9.18	1131	12.47	1262	15.80	<u>1490</u>	<u>22.75</u>	<u>1687</u>	<u>30.02</u>	<u>1862</u>	<u>37.53</u>	2021	45.21	2167	53.00	2302	60.88
7880	4000	723	5.55	835	7.33	1017	10.88	1164	14.51	1293	18.20	1515	25.68	<u>1709</u>	<u>33.51</u>	<u>1882</u>	<u>41.58</u>	2040	49.92	2185	58.34		
8668	4400	773	6.98	876	8.91	1055	12.84	1199	16.77	1325	20.80	1543	28.90	1732	37.21	<u>1903</u>	<u>45.85</u>	2059	54.70	2204	63.84		
9456	4800	825	8.67	920	10.77	1093	15.01	1235	19.27	1358	23.59	1572	32.34	1758	41.25	1926	50.42	2080	59.81	2223	69.43		
10244	5200	878	10.65	967	12.91	1133	17.48	1272	22.06	1394	26.74	1604	36.15	1787	45.67	1951	55.31	2103	65.27	2244	75.40		
11032	5600	932	12.94	1015	15.32	1173	20.22	1310	25.16	1430	30.13	1636	40.16	1816	50.30	1978	60.55	2128	71.10	2267	81.75		
11820	6000	987	15.57	1065	18.07	1214	23.30	1349	28.58	1467	33.87	1671	44.59	1848	55.38	2007	66.18	2154	77.21	2291	88.41		
12608	6400	1042	18.53	1115	21.11	1256	26.69	1389	32.35	1505	37.97	1706	49.26	1880	60.70	2038	72.25 </						

921

Wheel Diameter: 36.5"
Tip Speed (FPM): 9.56 x RPM

Inlet Area: 2.40 ft²
Inlet Diameter: 21¹/₄" O.D.

Outlet Area: 2.41 ft²
Outlet Dimension: 17¹³/₁₆" x 20"



MHO | Size 921

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2892	1200	383	0.76	520	1.46	727	2.99	887	4.60														
3856	1600	410	1.12	535	1.98	<u>733</u>	<u>3.89</u>	891	5.92														
4820	2000	444	1.62	560	2.65	<u>744</u>	<u>4.86</u>	<u>898</u>	<u>7.28</u>	1030	9.79	1254	14.89	1444	20.24								
5784	2400	481	2.26	590	3.47	764	6.03	<u>909</u>	<u>8.73</u>	<u>1038</u>	<u>11.61</u>	1259	17.60	1447	23.67	1613	29.91	1763	36.38	1902	43.20		
6748	2800	521	3.07	624	4.47	790	7.41	927	10.40	<u>1049</u>	<u>13.53</u>	<u>1266</u>	<u>20.30</u>	1452	27.28	1617	34.31	1766	41.43	<u>1903</u>	<u>48.72</u>	<u>2031</u>	<u>56.25</u>
7712	3200	564	4.09	661	5.70	819	8.97	951	12.35	1068	15.80	<u>1276</u>	<u>23.11</u>	<u>1459</u>	<u>30.87</u>	1623	38.87	1770	46.74	<u>1906</u>	<u>54.72</u>	<u>2033</u>	<u>62.86</u>
8676	3600	611	5.40	700	7.15	851	10.78	978	14.51	1091	18.33	<u>1290</u>	<u>26.17</u>	<u>1468</u>	<u>34.54</u>	<u>1630</u>	<u>43.34</u>	1776	52.16	<u>1911</u>	<u>61.00</u>	<u>2037</u>	<u>69.89</u>
9640	4000	659	6.97	740	8.83	885	12.85	1008	16.94	1117	21.12	1309	29.59	<u>1481</u>	<u>38.52</u>	<u>1638</u>	<u>47.84</u>	<u>1784</u>	<u>57.57</u>	<u>1918</u>	<u>67.35</u>	<u>2043</u>	<u>77.14</u>
10604	4400	709	8.88	783	10.85	922	15.27	1040	19.67	1146	24.21	1333	33.46	1498	42.86	<u>1650</u>	<u>52.70</u>	<u>1792</u>	<u>62.96</u>	<u>1925</u>	<u>73.51</u>	<u>2049</u>	<u>84.17</u>
11568	4800	760	11.14	829	13.26	960	17.98	1074	22.74	1177	27.62	1359	37.62	1519	47.65	1666	57.99	<u>1804</u>	<u>68.78</u>	<u>1934</u>	<u>79.91</u>	<u>2057</u>	<u>91.32</u>
12532	5200	812	13.79	876	16.03	999	21.01	1111	26.27	1209	31.35	1386	42.00	1544	52.95	1686	63.80	<u>1819</u>	<u>74.99</u>	<u>1946</u>	<u>86.70</u>	<u>2066</u>	<u>98.62</u>
13496	5600	865	16.87	924	19.19	1039	24.39	1148	30.08	1244	35.58	1416	46.85	1570	58.53	1709	70.09	<u>1839</u>	<u>81.92</u>	<u>1961</u>	<u>93.93</u>	<u>2078</u>	<u>106.37</u>
14460	6000	918	20.36	974	22.86	1081	28.22	1186	34.27	1280	40.20	1448	52.17	1597	64.37	1734	76.80	<u>1861</u>	<u>89.27</u>	<u>1980</u>	<u>101.84</u>		
15424	6400	972	24.37	1024	26.95	1126	32.64	1225	38.88	1318	45.34	1480	57.81	1627	70.79	1761	83.96	<u>1885</u>	<u>97.08</u>	<u>2002</u>	<u>110.37</u>		
16388	6800	1027	28.95	1076	31.66	1171	37.45	1265	43.93	1355	50.73	1515	64.13	1658	77.65	<u>1789</u>	<u>91.45</u>	<u>1911</u>	<u>105.40</u>	<u>2025</u>	<u>119.24</u>		
17352	7200	1081	33.96	1128	36.86	1218	42.89	1306	49.45	1393	56.59	1551	70.95	1690	85.01	<u>1818</u>	<u>99.36</u>	<u>1938</u>	<u>114.07</u>	<u>2050</u>	<u>128.66</u>		

MAXIMUM RPM: CLASS 22 = 1778 CLASS 32 = 2092

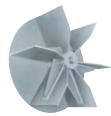


MHA | Size 921

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2892	1200	382	0.67	518	1.34																		
3856	1600	410	0.96	<u>535</u>	<u>1.78</u>	730	3.59																
4820	2000	444	1.34	560	2.32	<u>743</u>	<u>4.43</u>	894	6.71														
5784	2400	480	1.78	591	2.97	763	5.36	<u>907</u>	<u>7.95</u>	1034	10.68												
6748	2800	519	2.34	625	3.73	789	6.45	<u>926</u>	<u>9.32</u>	<u>1047</u>	<u>12.33</u>	1261	18.73										
7712	3200	559	3.02	661	4.59	819	7.70	950	10.87	<u>1066</u>	<u>14.15</u>	<u>1272</u>	<u>21.15</u>	1453	28.49								
8676	3600	601	3.84	698	5.57	852	9.13	978	12.61	1090	16.21	<u>1288</u>	<u>23.73</u>	<u>1463</u>	<u>31.68</u>	1623	39.97						
9640	4000	644	4.81	737	6.73	886	10.67	1008	14.52	1117	18.45	<u>1308</u>	<u>26.53</u>	<u>1478</u>	<u>35.06</u>	<u>1632</u>	<u>43.87</u>	1776	53.04				
10604	4400	689	5.97	777	8.07	922	12.38	1041	16.66	1146	20.89	1331	29.55	<u>1496</u>	<u>38.62</u>	<u>1646</u>	<u>48.02</u>	<u>1786</u>	<u>57.78</u>	1917	67.74	2040	77.71
11568	4800	734	7.30	818	9.59	959	14.25	1075	18.96	1178	23.60	1358	32.90	1517	42.45	<u>1663</u>	<u>52.37</u>	<u>1799</u>	<u>62.65</u>	<u>1927</u>	<u>73.23</u>	<u>2048</u>	<u>84.00</u>
12532	5200	781	8.87	860	11.31	996	16.29	1110	21.42	1211	26.51	1386	36.42	1541	46.57	<u>1683</u>	<u>57.02</u>	<u>1816</u>	<u>67.87</u>	<u>1940</u>	<u>78.89</u>	<u>2058</u>	<u>90.22</u>
13496	5600	829	10.68	904	13.30	1035	18.63	1146	24.06	1245	29.61	1416	40.22	1568	51.04	1706	62.02	<u>1835</u>	<u>73.32</u>	<u>1957</u>	<u>84.96</u>	<u>2072</u>	<u>96.79</u>
14460	6000	877	12.73	948	15.50	1074	21.17	1183	26.94	1280	32.90	1448	44.35	1596	55.73	1732	67.43	<u>1857</u>	<u>79.17</u>	<u>1976</u>	<u>91.31</u>		
15424	6400	926	15.06	993	17.96	1114	23.98	1221	30.11	1316	36.40	1482	48.83	1626	60.78	<u>1759</u>	<u>73.07</u>	<u>1882</u>	<u>85.48</u>	<u>1997</u>	<u>97.98</u>		
16388	6800	976	17.71	1038	20.67	1156	27.14	1259	33.53	1352	40.10	1516	53.47	1658	66.24	<u>1787</u>	<u>78.96</u>	<u>1908</u>	<u>92.02</u>	<u>2021</u>	<u>105.15</u>		
17352	7200	1026	20.65	1085	23.76	1198	30.54	1298	37.27	1390	44.21	1550	58.25	1691	71.99	<u>1817</u>	<u>85.30</u>	<u>1936</u>	<u>99.00</u>	<u>2047</u>	<u>112.73</u>		

MAXIMUM RPM: CLASS 22 = 1733 CLASS 32 = 2083



MHW | Size 921

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2892	1200	396	0.77	<u>532</u>	<u>1.47</u>	732	3.05	889	4.85														
3856	1600	423	1.14	553	2.02	<u>747</u>	<u>3.92</u>	901	6.01	1031	8.23	1252	13.14										
4820	2000	453	1.61	579	2.69	767	4.95	<u>916</u>	<u>7.33</u>	1045	9.89	1263	15.35	1448	21.28								
5784	2400	486	2.22	608	3.51	790	6.15	<u>935</u>	<u>8.85</u>	<u>1061</u>	<u>11.71</u>	1276	17.79	1459	24.28	1620	31.11	1767	38.37	<u>1903</u>	<u>46.03</u>		
6748	2800	521	2.98	637	4.46	817	7.52	958	10.61	1081	13.80	<u>1292</u>	<u>20.49</u>	1472	27.56	1632	34.98	1777	42.72	<u>1911</u>	<u>50.82</u>	<u>2036</u>	<u>59.24</u>
7712	3200	559	3.93	670	5.63	845	9.08	984	12.58	1104	16.15	<u>1310</u>	<u>23.43</u>	<u>1488</u>	<u>31.15</u>	1646	39.17	1790	47.52	<u>1922</u>	<u>56.09</u>	<u>2046</u>	<u>65.03</u>
8676	3600	600	5.11	704	6.99	873	10.82	1011	14.73	1128	18.65	1331	26.71	<u>1505</u>	<u>34.95</u>	<u>1662</u>	<u>43.67</u>	<u>1804</u>	<u>52.59</u>	<u>1935</u>	<u>61.77</u>	<u>2057</u>	<u>71.17</u>
9640	4000	643	6.54	740	8.58	903	12.80	1039	17.13	1155	21.45	1354	30.27	<u>1525</u>	<u>39.17</u>	<u>1679</u>	<u>48.40</u>	<u>1820</u>	<u>58.01</u>	<u>1950</u>	<u>67.83</u>	<u>2071</u>	<u>77.83</u>
10604	4400	688	8.27	778	10.46	935	15.07	1068	19.80	1183	24.52	1379	34.10	1548	43.82	1699	53.64	<u>1837</u>	<u>63.70</u>	<u>1965</u>	<u>74.06</u>	<u>2086</u>	<u>84.82</u>
11568	4800	734	10.29	818	12.64	969	17.65	1098	22.75	1211	27.85	1405	38.18	1572	48.73	1721	59.30	<u>1857</u>	<u>69.97</u>	<u>1983</u>	<u>80.84</u>		
12532	5200	781	12.65	859	15.13	1004	20.53	1129	25.99	1240	31.50	1433	42.66	1597	53.89	1744	65.25	<u>1878</u>	<u>76.60</u>	<u>2003</u>	<u>88.16</u>		
13496	5600	828	15.33	902	18.01	1040	23.73	1162	29.63	1270	35.48	1461	47.46	1624	59.48	1768	71.49	<u>1901</u>	<u>83.69</u>	<u>2024</u>	<u>95.87</u>		
14460	6000	877	18.46	946	21.27	1077	27.29	1196	33.61	1302	39.90	1489	52.58	1651	65.36	<u>1794</u>	<u>78.16</u>	<u>1925</u>	<u>91.10</u>	<u>2047</u>	<u>104.11</u>		
15424	6400	926	21.99	992	25.02	1116	31.32	1231	37.99	1334	44.61	1518	58.10	1679	71.71	<u>1821</u> </							

MHO | Size 923



Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3480	1200	349	0.91	<u>475</u>	<u>1.76</u>	663	3.59	809	5.52														
4640	1600	374	1.35	489	2.39	<u>669</u>	<u>4.69</u>	813	7.12	935	9.59	1142	14.90										
5800	2000	405	1.94	511	3.19	<u>679</u>	<u>5.84</u>	<u>819</u>	<u>8.75</u>	940	11.78	1144	17.90	1317	24.31								
6960	2400	439	2.71	539	4.18	697	7.24	<u>829</u>	<u>10.48</u>	<u>947</u>	<u>13.96</u>	1149	21.18	1320	28.45	1472	35.99	1609	43.78	<u>1735</u>	<u>51.90</u>		
8120	2800	476	3.70	570	5.40	721	8.91	846	12.51	<u>958</u>	<u>16.32</u>	<u>1156</u>	<u>24.47</u>	1325	32.82	1475	41.23	1611	49.79	<u>1737</u>	<u>58.65</u>	1853	67.63
9280	3200	515	4.93	604	6.88	747	10.77	868	14.86	974	18.97	<u>1164</u>	<u>27.78</u>	<u>1332</u>	<u>37.19</u>	1481	46.76	1616	56.32	<u>1740</u>	<u>65.92</u>	<u>1855</u>	<u>75.60</u>
10440	3600	558	6.51	639	8.61	777	12.98	893	17.49	996	22.08	<u>1177</u>	<u>31.47</u>	<u>1340</u>	<u>41.59</u>	<u>1487</u>	<u>52.09</u>	1621	62.79	<u>1744</u>	<u>73.41</u>	<u>1859</u>	<u>84.11</u>
11600	4000	602	8.41	676	10.65	809	15.53	920	20.38	1020	25.46	1195	35.64	<u>1351</u>	<u>46.29</u>	<u>1495</u>	<u>57.58</u>	<u>1628</u>	<u>69.26</u>	<u>1750</u>	<u>80.99</u>	<u>1864</u>	<u>92.76</u>
12760	4400	648	10.72	715	13.07	842	18.40	950	23.72	1046	29.14	1217	40.30	1367	51.56	<u>1506</u>	<u>63.44</u>	<u>1636</u>	<u>75.84</u>	<u>1757</u>	<u>88.49</u>	<u>1870</u>	<u>101.29</u>
13920	4800	695	13.47	757	15.97	877	21.68	981	27.42	1074	33.21	1240	45.23	1387	57.42	1521	69.86	<u>1646</u>	<u>82.71</u>	<u>1765</u>	<u>96.15</u>	<u>1877</u>	<u>109.84</u>
15080	5200	742	16.64	800	19.31	912	25.29	1014	31.60	1104	37.77	1266	50.66	1409	63.69	1539	76.81	<u>1660</u>	<u>90.23</u>	<u>1776</u>	<u>104.33</u>	<u>1885</u>	<u>118.58</u>
16240	5600	791	20.39	845	23.21	949	29.40	1048	36.20	1136	42.88	1293	56.44	1433	70.43	1560	84.38	<u>1678</u>	<u>98.52</u>	<u>1790</u>	<u>113.09</u>	<u>1896</u>	<u>127.90</u>
17400	6000	840	24.67	890	27.58	988	34.08	1083	41.28	1169	48.46	1322	62.82	1458	77.51	1583	92.49	<u>1699</u>	<u>107.52</u>	<u>1807</u>	<u>122.53</u>	1910	137.88
18560	6400	889	29.48	936	32.55	1028	39.28	1118	46.75	1203	54.55	1352	69.73	1485	85.18	1607	100.97	<u>1721</u>	<u>116.94</u>	<u>1827</u>	<u>132.77</u>		
19720	6800	938	34.87	983	38.17	1070	45.19	1155	52.89	1238	61.21	1383	77.20	1513	93.37	<u>1633</u>	<u>110.07</u>	<u>1744</u>	<u>126.79</u>	<u>1849</u>	<u>143.67</u>		
20880	7200	988	40.97	1031	44.50	1113	51.75	1193	59.62	1273	68.32	1416	85.43	1543	102.38	<u>1660</u>	<u>119.70</u>	<u>1769</u>	<u>137.30</u>	<u>1872</u>	<u>155.06</u>		

MAXIMUM RPM: CLASS 22 = 1623 CLASS 32 = 1910

MHA | Size 923



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3480	1200	349	0.81	473	1.61																		
4640	1600	375	1.17	<u>488</u>	<u>2.14</u>	666	4.32																
5800	2000	406	1.62	511	2.78	<u>678</u>	<u>5.32</u>	816	8.07														
6960	2400	439	2.16	540	3.58	697	6.47	<u>828</u>	<u>9.57</u>	944	12.87												
8120	2800	474	2.82	571	4.50	721	7.79	<u>845</u>	<u>11.21</u>	<u>956</u>	<u>14.85</u>	1151	22.55										
9280	3200	511	3.65	604	5.54	748	9.28	867	13.08	<u>973</u>	<u>17.03</u>	<u>1161</u>	<u>25.46</u>	1326	34.28								
10440	3600	549	4.63	638	6.72	778	10.99	893	15.19	995	19.51	<u>1175</u>	<u>28.52</u>	1335	38.10	1481	48.08						
11600	4000	589	5.82	673	8.10	809	12.85	921	17.52	1019	22.17	<u>1194</u>	<u>31.94</u>	<u>1349</u>	<u>42.19</u>	<u>1490</u>	<u>52.85</u>	<u>1621</u>	<u>63.84</u>				
12760	4400	629	7.18	710	9.73	842	14.91	951	20.09	1046	25.13	1215	35.57	<u>1365</u>	<u>46.43</u>	<u>1502</u>	<u>57.74</u>	<u>1630</u>	<u>69.53</u>	1749	81.44	1862	93.55
13920	4800	671	8.81	747	11.55	875	17.12	982	22.86	1075	28.38	1239	39.53	1385	51.12	<u>1518</u>	<u>63.03</u>	<u>1642</u>	<u>75.40</u>	<u>1758</u>	<u>88.01</u>	<u>1869</u>	<u>101.06</u>
15080	5200	714	10.71	786	13.66	910	19.65	1014	25.83	1106	31.94	1265	43.81	1407	56.09	<u>1537</u>	<u>68.73</u>	<u>1658</u>	<u>81.74</u>	<u>1771</u>	<u>94.99</u>	<u>1879</u>	<u>108.68</u>
16240	5600	758	12.91	826	16.04	945	22.43	1047	29.02	1137	35.67	1293	48.45	1432	61.52	1558	74.76	<u>1675</u>	<u>88.25</u>	<u>1786</u>	<u>102.21</u>	<u>1891</u>	<u>116.45</u>
17400	6000	802	15.39	866	18.68	981	25.51	1081	32.51	1169	39.63	1323	53.52	1458	67.23	1581	81.15	<u>1695</u>	<u>95.28</u>	<u>1804</u>	<u>109.96</u>		
18560	6400	847	18.22	907	21.64	1018	28.94	1115	36.26	1202	43.87	1353	58.77	1485	73.26	<u>1606</u>	<u>87.99</u>	<u>1718</u>	<u>102.89</u>	<u>1823</u>	<u>117.95</u>		
19720	6800	892	21.37	949	24.98	1056	32.71	1150	40.41	1235	48.34	1384	64.35	1514	79.78	<u>1632</u>	<u>95.16</u>	<u>1742</u>	<u>110.81</u>	<u>1845</u>	<u>126.59</u>		
20880	7200	937	24.87	991	28.63	1094	36.77	1186	44.96	1269	53.20	1416	70.24	1544	86.69	<u>1659</u>	<u>102.72</u>	<u>1767</u>	<u>119.09</u>	<u>1869</u>	<u>135.77</u>		

MAXIMUM RPM: CLASS 22 = 1581 CLASS 32 = 1905

MHW | Size 923



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3480	1200	361	0.93	<u>485</u>	<u>1.77</u>	668	3.67	811	5.82														
4640	1600	386	1.37	505	2.44	<u>682</u>	<u>4.72</u>	822	7.22	941	9.90	1143	15.83										
5800	2000	413	1.94	529	3.25	700	5.96	<u>836</u>	<u>8.82</u>	954	11.91	1152	18.43	1321	25.57								
6960	2400	443	2.66	555	4.23	721	7.40	854	10.68	<u>968</u>	<u>14.08</u>	1164	21.38	1331	29.18	1479	37.46	1613	46.18	<u>1736</u>	<u>55.30</u>		
8120	2800	476	3.59	582	5.38	746	9.07	875	12.80	987	16.62	<u>1179</u>	<u>24.65</u>	1343	33.12	1489	42.04	1622	51.42	<u>1744</u>	<u>61.13</u>	1858	71.24
9280	3200	511	4.75	612	6.79	771	10.92	898	15.13	1007	19.39	<u>1195</u>	<u>28.15</u>	<u>1358</u>	<u>37.47</u>	1502	47.11	1633	57.10	<u>1754</u>	<u>67.47</u>	1867	78.20
10440	3600	548	6.16	643	8.42	797	13.03	923	17.74	1030	22.47	1215	32.16	<u>1374</u>	<u>42.09</u>	<u>1516</u>	<u>52.45</u>	<u>1646</u>	<u>63.23</u>	<u>1766</u>	<u>74.31</u>	1878	85.71
11600	4000	587	7.87	676	10.35	825	15.45	949	20.66	1055	25.87	1236	36.44	1392	47.15	<u>1532</u>	<u>58.20</u>	<u>1661</u>	<u>69.79</u>	<u>1779</u>	<u>81.52</u>	1890	93.63
12760	4400	628	9.94	711	12.63	854	18.17	975	23.84	1080	29.52	1259	41.07	1413	52.75	<u>1550</u>	<u>64.47</u>	<u>1676</u>	<u>76.57</u>	<u>1794</u>	<u>89.21</u>	<u>1904</u>	<u>102.08</u>
13920	4800	670	12.38	747	15.23	885	21.27	1002	27.36	1106	33.57	1283	46.01	1435	58.67	1571	71.39	<u>1695</u>	<u>84.22</u>	<u>1810</u>	<u>97.30</u>		
15080	5200	713	15.23	785	18.26	917	24.70	1031	31.33	1132	37.92	1308	51.35	1458	64.91	1592	78.56	1714	92.17	<u>1828</u>	<u>106.07</u>		
16240	5600	757	18.52	824	21.72	950	28.62	1061	35.69	1160	42.78	1334	57.18	1482	71.54	1614	86.07	<u>1735</u>	<u>100.70</u>	<u>1848</u>	<u>115.51</u>		
17400	6000	801	22.25	865	25.72	984	32.94	1092	40.49	1189	48.09	1360	63.40	1507	78.67	<u>1638</u>	<u>94.15</u>	<u>1757</u>	<u>109.63</u>	<u>1869</u>	<u>125.42</u>		
18560	6400	846	26.51	906	30.14	1019	37.72	1124	45.76	1218	53.73	1386	69.99	1533	86.39	<u>1663</u>	<u>102.75</u>	<u>1780</u>	<u>118.99</u>	<u>1890</u>	<u>135.58</u>		
19720	6800	892	31.37																				

926

Wheel Diameter: 45.125"
Tip Speed (FPM): 11.81 x RPM

Inlet Area: 3.68 ft²
Inlet Diameter: 26³/₈" O.D.

Outlet Area: 3.69 ft²
Outlet Dimension: 22¹/₈" x 24¹³/₁₆"

MHO/R | Size 926



MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4428	1200	310	1.16	421	2.23	588	4.57	717	7.03														
5904	1600	332	1.72	433	3.04	593	5.96	721	9.07	829	12.21	1012	18.94										
7380	2000	359	2.47	453	4.06	602	7.44	726	11.13	833	14.98	1014	22.77	1168	30.98								
8856	2400	389	3.45	478	5.33	618	9.22	735	13.34	840	17.80	1019	26.99	1170	36.19	1305	45.82	1426	55.68	1538	66.05		
10332	2800	422	4.71	505	6.86	639	11.34	750	15.93	849	20.75	1024	31.07	1175	41.81	1308	52.53	1428	63.35	1539	74.53	1643	86.13
11808	3200	457	6.29	535	8.73	663	13.75	769	18.88	864	24.19	1032	35.37	1181	47.35	1312	59.39	1432	71.59	1542	83.81	1645	96.32
13284	3600	494	8.25	566	10.93	689	16.53	791	22.20	883	28.11	1043	40.01	1188	52.95	1318	66.26	1437	79.91	1546	93.42	1648	107.05
14760	4000	534	10.72	599	13.54	717	19.75	816	25.98	904	32.38	1059	45.31	1198	58.97	1325	73.23	1443	88.11	1551	103.01	1652	117.96
16236	4400	574	13.62	634	16.65	747	23.47	842	30.18	927	37.05	1079	51.32	1212	65.65	1335	80.73	1450	96.46	1557	112.50	1658	128.98
17712	4800	616	17.14	671	20.32	777	27.55	870	34.95	952	42.25	1099	57.53	1229	72.98	1348	88.84	1459	105.23	1565	122.46	1664	139.82
19188	5200	658	21.20	709	24.55	809	32.25	899	40.23	979	48.12	1122	64.42	1249	81.05	1364	97.70	1472	114.93	1574	132.68	1671	150.91
20664	5600	701	25.94	749	29.53	841	37.38	929	46.07	1007	54.56	1146	71.80	1270	89.57	1383	107.42	1488	125.51	1586	143.71	1681	162.85
22140	6000	744	31.31	789	35.11	876	43.40	960	52.53	1036	61.62	1172	79.97	1293	98.77	1403	117.63	1506	136.81	1602	155.99	1693	175.43
23616	6400	788	37.51	830	41.46	912	50.12	991	59.49	1067	69.54	1198	88.64	1316	108.31	1425	128.63	1525	148.65	1620	169.11		
25092	6800	832	44.46	871	48.51	949	57.61	1024	67.34	1097	77.81	1226	98.25	1341	118.77	1447	139.91	1546	161.37	1639	182.82		
26568	7200	876	52.20	913	56.47	987	65.94	1058	75.98	1128	86.85	1255	108.66	1368	130.35	1471	152.17	1568	174.68	1659	197.18		

MAXIMUM RPM: CLASS 22 = 1439 CLASS 32 = 1693

MHA | Size 926



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4428	1200	309	1.03	419	2.05																		
5904	1600	332	1.48	433	2.73	591	5.51																
7380	2000	359	2.05	453	3.54	601	6.77	724	10.30														
8856	2400	389	2.74	478	4.54	617	8.20	734	12.19	836	16.33												
10332	2800	420	3.59	506	5.72	639	9.91	749	14.27	847	18.87	1020	28.67										
11808	3200	453	4.64	535	7.03	663	11.81	769	16.67	863	21.71	1029	32.38	1176	43.68								
13284	3600	487	5.91	565	8.53	690	14.01	791	19.29	882	24.82	1042	36.33	1184	48.55	1313	61.20						
14760	4000	522	7.40	597	10.34	717	16.35	816	22.26	904	28.28	1058	40.60	1195	53.58	1320	67.13	1436	81.08				
16236	4400	558	9.16	629	12.37	746	18.95	843	25.57	927	31.95	1077	45.26	1210	59.09	1332	73.58	1444	88.31	1550	103.55	1650	118.92
17712	4800	595	11.23	662	14.69	776	21.82	870	29.05	953	36.12	1099	50.40	1227	64.94	1346	80.28	1456	96.04	1559	112.14	1656	128.42
19188	5200	633	13.64	697	17.40	807	25.04	899	32.89	980	40.60	1122	55.84	1247	71.34	1362	87.38	1469	103.87	1570	120.91	1665	138.15
20664	5600	671	16.36	732	20.40	838	28.57	928	36.92	1008	45.41	1146	61.63	1269	78.21	1381	95.12	1485	112.35	1583	130.02	1677	148.38
22140	6000	711	19.59	767	23.71	870	32.52	958	41.34	1036	50.40	1172	67.97	1292	85.47	1401	103.17	1503	121.36	1599	139.90		
23616	6400	750	23.11	804	27.55	902	36.78	989	46.24	1065	55.75	1199	74.73	1316	93.15	1423	111.83	1523	130.96	1616	150.11		
25092	6800	790	27.13	841	31.76	936	41.62	1020	51.52	1095	61.56	1227	81.92	1342	101.52	1446	120.94	1544	140.97	1635	160.95		
26568	7200	831	31.70	879	36.50	970	46.84	1051	57.16	1125	67.73	1255	89.34	1368	110.17	1471	130.83	1566	151.46	1656	172.54		

MAXIMUM RPM: CLASS 22 = 1402 CLASS 32 = 1699

MHW | Size 926



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4428	1200	320	1.18	430	2.25	592	4.66	719	7.41														
5904	1600	342	1.74	448	3.11	605	6.02	729	9.21	834	12.60	1013	20.13										
7380	2000	366	2.46	469	4.14	620	7.57	741	11.23	845	15.12	1021	23.45	1171	32.54								
8856	2400	393	3.40	492	5.38	639	9.41	757	13.59	858	17.91	1032	27.22	1180	37.14	1311	47.66	1430	58.79	1539	70.39		
10332	2800	422	4.57	516	6.86	661	11.52	775	16.25	874	21.09	1045	31.36	1191	42.21	1320	53.52	1438	65.46	1546	77.79	1647	90.66
11808	3200	453	6.04	542	8.62	684	13.93	796	19.26	893	24.71	1059	35.79	1203	47.59	1332	60.02	1448	72.73	1555	85.89	1655	99.52
13284	3600	486	7.85	570	10.72	707	16.61	818	22.56	913	28.60	1077	40.92	1218	53.57	1344	66.77	1459	80.45	1565	94.49	1664	108.93
14760	4000	521	10.06	599	13.16	731	19.64	841	26.26	935	32.90	1096	46.42	1234	60.01	1358	74.06	1472	88.75	1577	103.74	1675	119.07
16236	4400	557	12.68	630	16.05	757	23.12	864	30.31	958	37.65	1116	52.26	1252	67.04	1374	82.05	1486	97.50	1590	113.46	1687	129.72
17712	4800	594	15.76	662	19.37	784	27.02	888	34.80	980	42.67	1137	58.50	1272	74.65	1392	90.74	1502	107.07	1604	123.72		
19188	5200	632	19.37	696	23.26	813	31.51	914	39.87	1004	48.34	1160	65.44	1292	82.52	1411	99.93	1520	117.44	1620	134.88		
20664	5600	671	23.57	731	27.70	842	36.41	940	45.34	1028	54.40	1182	72.68	1314	91.10	1431	109.60	1538	128.15	1638	146.95		
22140	6000	710	28.31	766	32.63	872	41.88	968	51.52	1													

929

Wheel Diameter: 50.5"
Tip Speed (FPM): 13.22 x RPM

Inlet Area: 4.58 ft²
Inlet Diameter: 29⁵/₈" O.D.

Outlet Area: 4.62 ft²
Outlet Dimension: 24⁵/₈" x 27¹/₁₆"

MHO/R | Size 929



MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5544	1200	277	1.46	376	2.79	525	5.71	641	8.81														
7392	1600	296	2.14	387	3.80	530	7.47	644	11.35	741	15.30	904	23.70										
9240	2000	321	3.11	405	5.09	<u>538</u>	<u>9.32</u>	<u>649</u>	<u>13.96</u>	745	18.80	906	28.50	1043	38.72								
11088	2400	348	4.34	427	6.67	552	11.53	<u>657</u>	<u>16.72</u>	<u>750</u>	<u>22.23</u>	910	33.74	1046	45.39	1166	57.35	1274	69.68	<u>1374</u>	<u>82.65</u>		
12936	2800	377	5.90	452	8.63	571	14.20	670	19.93	<u>759</u>	<u>26.02</u>	<u>915</u>	<u>38.90</u>	1050	52.36	1169	65.81	1276	79.32	<u>1375</u>	<u>93.28</u>	1468	107.82
14784	3200	408	7.86	478	10.93	592	17.18	688	23.73	<u>772</u>	<u>30.29</u>	<u>922</u>	<u>44.26</u>	<u>1055</u>	<u>59.24</u>	1173	74.49	1280	89.73	<u>1378</u>	<u>104.97</u>	1470	120.63
16632	3600	442	10.37	506	13.70	615	20.64	707	27.83	789	35.19	<u>932</u>	<u>50.09</u>	1061	66.19	1178	83.03	1284	100.05	<u>1382</u>	<u>117.11</u>	1473	134.15
18480	4000	477	13.41	535	16.93	640	24.66	729	32.52	808	40.58	<u>947</u>	<u>56.86</u>	<u>1070</u>	<u>73.74</u>	<u>1184</u>	<u>91.70</u>	<u>1289</u>	<u>110.21</u>	<u>1386</u>	<u>129.00</u>	1476	147.65
20328	4400	513	17.07	567	20.90	667	29.33	752	37.73	828	46.34	964	64.22	1083	82.21	1193	101.11	<u>1296</u>	<u>120.87</u>	<u>1391</u>	<u>140.78</u>	1481	161.33
22176	4800	550	21.41	599	25.37	694	34.46	777	43.69	851	52.97	982	72.03	1098	91.33	1204	111.10	<u>1304</u>	<u>131.85</u>	<u>1399</u>	<u>153.19</u>	<u>1487</u>	<u>175.11</u>
24024	5200	588	26.55	634	30.82	722	40.23	803	50.32	875	60.30	1002	80.53	1116	101.47	1219	122.39	<u>1315</u>	<u>143.81</u>	<u>1406</u>	<u>165.96</u>	<u>1493</u>	<u>188.90</u>
25872	5600	626	32.42	669	36.94	752	46.91	830	57.67	900	68.37	1024	89.90	1135	112.21	1236	134.57	<u>1329</u>	<u>156.93</u>	<u>1418</u>	<u>180.25</u>	<u>1502</u>	<u>203.87</u>
27720	6000	665	39.25	705	43.96	782	54.19	858	65.82	926	77.23	1047	100.06	1155	123.56	1254	147.41	<u>1345</u>	<u>171.04</u>	<u>1431</u>	<u>195.12</u>	<u>1513</u>	<u>219.74</u>
29568	6400	704	46.95	741	51.79	814	62.54	886	74.62	953	86.97	1071	111.15	1176	135.64	1273	160.94	<u>1363</u>	<u>186.26</u>	<u>1447</u>	<u>211.49</u>		
31416	6800	743	55.58	778	60.68	847	71.89	915	84.33	980	97.37	1096	123.20	1199	149.00	<u>1293</u>	<u>175.20</u>	<u>1382</u>	<u>202.29</u>	<u>1464</u>	<u>228.66</u>		
33264	7200	782	65.18	816	70.76	881	82.31	945	95.03	1008	108.77	1121	135.91	1222	163.06	<u>1315</u>	<u>190.79</u>	<u>1401</u>	<u>218.68</u>	<u>1482</u>	<u>246.69</u>		

MAXIMUM RPM: CLASS 22 = 1286 CLASS 32 = 1513

MHA | Size 929



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5544	1200	276	1.29	375	2.58																		
7392	1600	297	1.86	387	3.42	528	6.90																
9240	2000	321	2.57	405	4.45	<u>537</u>	<u>8.48</u>	647	12.90														
11088	2400	347	3.42	427	5.68	552	10.30	656	15.27	747	20.44												
12936	2800	375	4.48	452	7.15	571	12.41	<u>669</u>	<u>17.84</u>	<u>757</u>	<u>23.64</u>	912	35.97										
14784	3200	404	5.78	478	8.80	592	14.76	687	20.86	<u>771</u>	<u>27.17</u>	<u>919</u>	<u>40.48</u>	1051	54.72								
16632	3600	435	7.39	505	10.69	616	17.50	707	24.17	788	31.07	<u>931</u>	<u>45.48</u>	1058	60.80	1173	76.58						
18480	4000	466	9.24	533	12.91	641	20.50	729	27.86	807	35.30	<u>945</u>	<u>50.77</u>	<u>1068</u>	<u>67.13</u>	<u>1180</u>	<u>84.16</u>	<u>1284</u>	<u>101.72</u>				
20328	4400	498	11.43	562	15.48	667	23.78	753	31.98	829	40.11	962	56.61	1081	73.95	1190	92.08	<u>1291</u>	<u>110.76</u>	1385	129.66	1475	149.09
22176	4800	531	14.01	592	18.44	693	27.28	778	36.46	852	45.30	982	63.11	1097	81.45	<u>1202</u>	<u>100.34</u>	<u>1301</u>	<u>120.25</u>	<u>1393</u>	<u>140.39</u>	<u>1480</u>	<u>160.89</u>
24024	5200	565	17.02	622	21.70	721	31.35	803	41.14	876	50.90	1002	69.81	1114	89.26	<u>1217</u>	<u>109.41</u>	<u>1313</u>	<u>130.17</u>	<u>1403</u>	<u>151.43</u>	<u>1488</u>	<u>173.06</u>
25872	5600	600	20.54	654	25.54	749	35.81	829	46.20	900	56.74	1024	77.18	1134	97.96	1234	119.10	<u>1327</u>	<u>140.71</u>	<u>1415</u>	<u>162.97</u>	<u>1498</u>	<u>185.61</u>
27720	6000	635	24.50	686	29.78	777	40.66	856	51.77	926	63.18	1047	85.06	1154	106.89	1252	129.23	<u>1343</u>	<u>151.96</u>	<u>1429</u>	<u>175.25</u>		
29568	6400	670	28.92	718	34.44	806	46.06	883	57.76	952	69.90	1072	93.74	1176	116.66	<u>1272</u>	<u>140.18</u>	<u>1361</u>	<u>164.02</u>	<u>1444</u>	<u>187.96</u>		
31416	6800	706	33.99	751	39.70	836	52.06	911	64.42	978	76.98	1096	102.48	1199	127.08	<u>1292</u>	<u>151.41</u>	<u>1380</u>	<u>176.65</u>	<u>1461</u>	<u>201.55</u>		
33264	7200	742	39.61	785	45.64	866	58.50	939	71.55	1005	84.75	1121	111.76	1223	138.16	<u>1314</u>	<u>163.66</u>	<u>1400</u>	<u>189.93</u>	<u>1480</u>	<u>216.17</u>		

MAXIMUM RPM: CLASS 22= 1253 CLASS 32 = 1509

MHW | Size 929



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5544	1200	286	1.48	384	2.81	529	5.84	642	9.26														
7392	1600	306	2.18	400	3.89	540	7.51	651	11.50	745	15.76	905	25.19										
9240	2000	327	3.08	419	5.18	554	9.47	<u>662</u>	<u>14.05</u>	755	18.93	913	29.42										
11088	2400	351	4.25	439	6.71	571	11.78	<u>676</u>	<u>16.98</u>	<u>767</u>	<u>22.45</u>	922	34.07	1054	46.45	1171	59.61	1277	73.48	<u>1375</u>	<u>88.10</u>		
12936	2800	377	5.72	461	8.58	590	14.38	693	20.39	781	26.41	<u>934</u>	<u>39.29</u>	1064	52.81	1180	67.09	1285	81.98	<u>1381</u>	<u>97.32</u>	1472	113.60
14784	3200	405	7.58	484	10.77	611	17.42	711	24.09	798	30.94	<u>947</u>	<u>44.91</u>	<u>1075</u>	<u>59.60</u>	1190	75.11	1294	91.10	<u>1389</u>	<u>107.43</u>	1479	124.65
16632	3600	434	9.81	509	13.40	631	20.73	731	28.26	816	35.83	962	51.18	<u>1088</u>	<u>67.00</u>	<u>1201</u>	<u>83.62</u>	<u>1304</u>	<u>100.80</u>	<u>1399</u>	<u>118.46</u>	<u>1487</u>	<u>136.43</u>
18480	4000	465	12.55	536	16.55	653	24.57	751	32.82	835	41.12	979	58.07	1103	75.21	<u>1214</u>	<u>92.86</u>	<u>1315</u>	<u>111.04</u>	<u>1409</u>	<u>129.86</u>	<u>1497</u>	<u>149.17</u>
20328	4400	498	15.90	563	20.10	677	29.02	772	37.95	856	47.13	997	65.40	1119	84.00	1228	102.79	<u>1328</u>	<u>122.14</u>	<u>1421</u>	<u>142.14</u>	<u>1508</u>	<u>162.61</u>
22176	4800	531	19.77	592	24.31	701	33.90	794	43.66	876	53.49	1016	73.26	1136	93.33	1244	113.66	<u>1342</u>	<u>134.02</u>	<u>1433</u>	<u>154.82</u>		
24024	5200	565	24.30	622	29.14	726	39.38	816	49.80	897	60.50	1036	81.81	1155	103.46	1261	125.18	<u>1358</u>	<u>146.99</u>	<u>1448</u>	<u>169.04</u>		
25872	5600	599	29.43	653	34.66	752	45.52	840	56.79	919	68.22	1056	90.95	1174	114.03	1278	137.01	<u>1375</u>	<u>160.71</u>	<u>1463</u>	<u>183.76</u>		
27720	6000	635	35.55	685	40.96	779	52.40	865	64.52	941	76.43	1077	100.96	1194	125.45	<u>1297</u>	<u>149.88</u>	<u>1392</u>	<u>174.80</u>	<u>1480</u>	<u>199.68</u>		
29568	6400	670	42.23	718	48.12	807	60.08	890	72.84	965	85.69	1098	111.57	1214	137.56	<u>1317</u>	<u>163.64</u>	<u>1410</u>	<u>189.63</u>	<u>1497</u>	<u>216.02</u>		
31416	6800	706	49.89	751	56.01																		

933

Wheel Diameter: 57.5"
Tip Speed (FPM): 15.05 x RPM

Inlet Area: 5.94 ft²
Inlet Diameter: 33³/₈" O.D.

Outlet Area: 5.99 ft²
Outlet Dimension: 28" x 31¹/₂"

MHO/R | Size 933



MHO Wheel used for Class 22.
 MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7188	1200	243	1.88	330	3.61	461	7.40	563	11.42														
9584	1600	260	2.78	340	4.94	465	9.66	566	14.74	651	19.86	794	30.73										
11980	2000	282	4.03	356	6.62	472	12.05	570	18.10	654	24.34	796	36.99	916	50.20								
14376	2400	306	5.64	375	8.64	485	14.97	577	21.68	659	28.86	799	43.70	919	58.91	1024	74.34	1119	90.37	1207	107.23		
16772	2800	331	7.64	397	11.19	501	18.35	589	25.91	666	33.64	804	50.51	922	67.85	1026	85.15	1121	102.94	1208	121.05	1289	139.69
19168	3200	358	10.16	420	14.19	520	22.29	604	30.73	678	39.26	810	57.44	926	76.67	1030	96.52	1124	116.28	1210	136.01	1291	156.38
21564	3600	388	13.42	444	17.72	540	26.74	621	36.09	693	45.63	819	65.06	932	85.87	1035	107.77	1128	129.82	1213	151.56	1293	173.65
23960	4000	419	17.40	470	21.97	562	31.95	640	42.11	709	52.46	831	73.54	940	95.68	1040	118.94	1132	142.86	1217	167.14	1297	191.74
26356	4400	451	22.19	498	27.10	586	38.06	660	48.82	728	60.28	846	83.08	951	106.53	1048	131.18	1138	156.62	1222	182.68	1301	209.30
28752	4800	483	27.75	527	33.07	610	44.78	682	56.55	747	68.57	863	93.57	965	118.66	1058	144.27	1145	170.84	1228	198.71	1306	227.04
31148	5200	516	34.34	557	39.99	634	52.14	705	65.17	768	78.03	880	104.40	980	131.50	1071	158.85	1155	186.49	1235	215.27	1312	245.34
33544	5600	550	42.08	587	47.75	660	60.69	729	74.78	790	88.49	899	116.42	997	145.56	1085	174.22	1167	203.35	1245	233.49	1319	264.23
35940	6000	584	50.88	619	56.95	687	70.31	753	85.15	813	100.03	919	129.51	1014	160.01	1101	190.94	1182	222.17	1257	253.10	1329	285.03
38336	6400	618	60.78	651	67.21	715	81.12	778	96.69	837	112.76	940	143.82	1033	175.94	1118	208.64	1197	241.45	1271	274.30		
40732	6800	653	72.21	684	78.92	744	93.24	803	109.08	861	126.37	962	159.44	1053	193.16	1136	227.39	1213	261.79	1286	296.62		
43128	7200	687	84.58	717	91.87	774	106.82	830	123.22	885	140.88	985	176.46	1073	211.27	1155	247.42	1231	283.91	1302	320.14		

MAXIMUM RPM: CLASS 22 = 1129 CLASS 32 = 1329

MHA | Size 933



Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7188	1200	243	1.68	329	3.33																		
9584	1600	261	2.42	339	4.41	464	8.96																
11980	2000	282	3.33	356	5.78	472	11.02	568	16.71														
14376	2400	305	4.44	375	7.36	485	13.37	576	19.78	656	26.50												
16772	2800	330	5.84	397	9.28	501	16.04	588	23.18	665	30.68	801	46.64										
19168	3200	355	7.51	420	11.43	520	19.14	603	27.00	677	35.21	808	52.66	923	70.94								
21564	3600	382	9.57	444	13.91	541	22.69	621	31.35	692	40.27	818	59.04	929	78.78	1030	99.24						
23960	4000	409	11.96	468	16.73	563	26.59	640	36.07	709	45.82	830	65.84	938	87.04	1036	109.00	1127	131.64				
26356	4400	438	14.83	494	20.12	586	30.86	661	41.40	728	51.99	845	73.42	950	96.05	1045	119.33	1134	143.66	1217	168.36	1295	193.11
28752	4800	467	18.23	520	23.91	609	35.43	683	47.21	748	58.67	862	81.69	963	105.45	1056	130.22	1142	155.65	1223	181.83	1300	208.68
31148	5200	497	22.17	547	28.25	633	40.60	705	53.28	769	65.90	880	90.50	979	115.94	1069	141.91	1153	168.69	1232	196.23	1307	224.44
33544	5600	527	26.63	574	33.04	657	46.25	728	59.88	791	73.72	899	99.94	996	127.02	1083	154.09	1165	182.21	1243	211.43	1316	240.84
35940	6000	558	31.81	602	38.51	682	52.62	752	67.17	813	81.82	920	110.44	1014	138.78	1100	167.73	1179	196.76	1255	227.19		
38336	6400	589	37.61	631	44.73	708	59.74	776	75.03	836	90.58	941	121.34	1033	151.33	1117	181.67	1195	212.49	1268	243.57		
40732	6800	620	44.06	660	51.57	734	67.43	800	83.49	859	99.82	963	133.03	1053	164.73	1135	196.45	1212	229.03	1283	261.23		
43128	7200	652	51.43	689	59.05	761	75.97	825	92.87	883	110.01	985	145.10	1074	179.07	1154	212.17	1229	245.91	1300	280.38		

MAXIMUM RPM: CLASS 22 = 1100 CLASS 32 = 1325

MHW | Size 933



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7188	1200	251	1.91	338	3.67	465	7.59	564	12.02														
9584	1600	269	2.84	351	5.02	474	9.72	572	14.94	655	20.50	795	32.68										
11980	2000	287	3.98	368	6.72	487	12.32	582	18.27	663	24.53	801	38.03	919	52.83								
14376	2400	308	5.49	386	8.73	502	15.32	594	22.05	674	29.16	810	44.21	926	60.29	1029	77.41	1122	95.38	1208	114.34		
16772	2800	331	7.41	405	11.13	519	18.73	609	26.48	686	34.25	820	50.89	935	68.59	1036	86.90	1128	106.12	1213	126.21	1293	147.35
19168	3200	355	9.76	425	13.95	536	22.51	625	31.31	701	40.14	831	58.08	944	77.24	1045	97.35	1136	117.97	1220	139.32	1299	161.63
21564	3600	381	12.70	447	17.36	555	26.99	642	36.63	717	46.52	845	66.38	956	87.00	1055	108.48	1145	130.60	1228	153.32	1306	176.89
23960	4000	409	16.34	470	21.35	574	31.94	660	42.64	734	53.46	860	75.33	968	97.29	1066	120.32	1155	144.00	1238	168.58	1315	193.51
26356	4400	437	20.57	494	25.99	594	37.52	678	49.20	751	60.91	876	84.90	983	108.98	1078	133.08	1166	158.21	1248	184.28	1324	210.63
28752	4800	466	25.57	520	31.53	616	44.03	697	56.52	769	69.25	892	94.88	998	121.11	1093	147.54	1179	173.93	1259	200.94		
31148	5200	496	31.46	546	37.72	638	51.15	717	64.66	788	78.50	910	106.11	1014	133.98	1107	162.08	1193	190.72	1272	219.30		
33544	5600	526	38.14	573	44.82	661	59.16	738	73.70	807	88.40	928	118.13	1031	147.81	1123	177.92	1207	208.04	1285	238.30		
35940	6000	557	45.91	601	52.94	685	68.19	760	83.76	827	99.29	946	130.94	1048	162.35	1139	194.26	1222	226.33	1300	258.99		
38336	6400	589	54.91	630	62.20	709	77.98	782	94.56	847	110.89	964	144.51	1066	178.24	1156	211.79	1238	245.65	1315	280.23		
40732	6800	620	64.66	659	72.42	734	88.89	805	106.55	869	124.05	983	159.28	1084	195.05	1174	230.76	1255	266.25				
43128	7200	652	75.81	689	83.99	760	101.05	828	119.39	891	138.08	1003	175.36	1102	212.74	1191	250.14	1272	287.70				

MAXIMUM RPM: CLASS 22 = 1137 CLASS 32 = 1330

Performance certified is for installation type B & D: Free or ducted inlet, ducted outlet.
 Power ratings (BHP) do not include transmission losses.
 Performance ratings do not include the effects of appurtenances (accessories).

Underlined figures indicate maximum static efficiency.
 Regular face type = Class 22
Bold face type = Class 32

937

Wheel Diameter: 64.375"
Tip Speed (FPM): 16.85 x RPM

Inlet Area: 7.46 ft²
Inlet Diameter: 37½" O.D.

Outlet Area: 7.51 ft²
Outlet Dimension: 31⅜" x 35⅜"



MHO/R | Size 937

MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9012	1200	217	2.36	295	4.54	412	9.29	503	14.33	581	24.84	710	38.65										
12016	1600	233	3.52	304	6.21	416	12.17	505	18.42	584	30.49	711	46.38										
15020	2000	252	5.06	318	8.30	422	15.15	509	22.67	584	30.49	711	46.38	819	63.12								
18024	2400	273	7.05	335	10.84	433	18.75	515	27.12	589	36.26	714	54.87	820	73.62	915	93.32	1000	113.46	1078	134.40		
21028	2800	295	9.51	354	13.95	448	23.08	526	32.47	595	42.20	718	63.29	824	85.21	917	106.95	1001	128.94	1079	151.76	1151	174.97
24032	3200	320	12.76	375	17.77	464	27.86	539	38.42	605	49.08	723	71.86	828	96.43	920	121.00	1004	145.79	1081	170.63	1153	195.99
27036	3600	347	16.89	397	22.28	483	33.66	555	45.32	619	57.21	731	81.38	833	107.86	924	134.91	1007	162.50	1084	190.29	1155	217.76
30040	4000	374	21.76	420	27.58	502	40.06	572	52.89	634	66.00	743	92.47	840	120.12	929	149.14	1011	179.05	1087	209.52	1158	240.08
33044	4400	403	27.85	445	34.01	523	47.60	590	61.35	650	75.48	756	104.29	849	133.35	936	164.41	1016	196.08	1092	229.34	1162	262.36
36048	4800	432	34.93	470	41.26	545	56.18	610	71.18	668	86.26	771	117.37	862	148.79	945	180.87	1023	214.35	1097	249.21	1166	284.25
39052	5200	461	43.07	497	49.97	567	65.60	630	81.81	686	97.83	786	130.87	876	165.23	956	198.76	1032	234.03	1103	269.79	1172	307.67
42056	5600	491	52.66	525	60.10	590	76.27	651	93.68	706	111.11	803	145.95	890	182.16	970	219.00	1043	255.40	1112	292.69	1178	331.15
45060	6000	522	63.91	553	71.43	614	88.30	673	106.95	726	125.30	821	162.44	906	200.78	984	239.80	1055	277.92	1123	317.50	1187	357.27
48064	6400	552	76.19	582	84.47	639	101.86	695	121.25	748	141.57	840	180.55	923	220.80	999	261.88	1069	302.55	1135	343.64		
51068	6800	583	90.38	611	98.95	665	117.12	718	137.17	769	158.38	860	200.39	940	241.73	1015	285.34	1084	328.68	1149	372.19		
54072	7200	614	106.20	640	114.93	692	134.29	741	154.24	791	176.95	880	221.36	959	265.35	1031	309.58	1099	355.40	1163	401.39		

MAXIMUM RPM: CLASS 22 = 1009 CLASS 32 = 1187

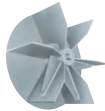


MHA | Size 937

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9012	1200	217	2.10	294	4.18																		
12016	1600	233	3.02	303	5.53	414	11.20																
15020	2000	252	4.18	318	7.24	421	13.75	507	20.90														
18024	2400	273	5.60	335	9.23	433	16.74	514	24.73	586	33.23												
21028	2800	294	7.27	355	11.67	448	20.18	525	29.03	594	38.46	715	58.36										
24032	3200	317	9.40	375	14.31	465	24.08	539	33.92	605	44.20	721	65.82	824	88.80								
27036	3600	341	11.98	396	17.36	483	28.40	555	39.37	618	50.46	730	73.82	830	98.84	920	124.41						
30040	4000	366	15.07	418	20.97	503	33.35	572	45.31	633	57.36	742	82.75	838	109.18	926	136.94	1007	165.22				
33044	4400	391	18.62	441	25.18	523	38.59	591	52.06	650	65.09	755	92.13	848	120.18	934	149.89	1013	180.16	1087	211.04	1157	242.29
36048	4800	417	22.84	464	29.88	544	44.42	610	59.16	668	73.51	770	102.43	860	132.12	943	163.13	1020	195.11	1093	228.34	1161	261.49
39052	5200	444	27.81	488	35.29	565	50.78	630	66.88	687	82.65	786	113.44	874	145.13	955	177.99	1030	215.56	1100	245.72	1167	281.07
42056	5600	471	33.44	513	41.49	587	58.03	651	75.32	706	92.20	803	125.29	890	159.43	968	193.56	1041	228.70	1110	264.87	1175	301.58
45060	6000	498	39.78	538	48.35	610	66.23	672	84.32	726	102.49	822	138.57	906	174.14	982	209.93	1053	246.60	1121	284.83		
48064	6400	526	47.11	564	56.19	633	75.10	693	94.00	747	113.68	841	152.38	923	189.90	998	227.94	1067	266.09	1133	305.69		
51068	6800	554	55.28	589	64.47	656	84.67	715	104.85	767	125.00	860	166.67	941	206.81	1014	246.42	1082	286.67	1146	327.49		
54072	7200	582	64.34	616	74.23	680	95.34	737	116.47	789	138.06	880	182.00	959	224.26	1031	266.15	1098	308.48	1161	351.32		

MAXIMUM RPM: CLASS 22= 983 CLASS 32 = 1184



MHW | Size 937

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9012	1200	224	2.39	302	4.60	415	9.49	504	15.09														
12016	1600	240	3.55	314	6.33	424	12.24	511	18.73	585	25.69	710	40.95										
15020	2000	257	5.03	329	8.44	435	15.44	520	22.92	592	30.72	716	47.78	821	66.26								
18024	2400	275	6.88	345	10.96	448	19.15	531	27.71	602	36.55	723	55.31	827	75.55	919	97.01	1002	119.51	1079	143.33		
21028	2800	296	9.33	362	13.99	463	23.40	544	33.21	613	42.99	732	63.68	835	85.94	925	108.81	1008	133.22	1084	158.46	1155	184.76
24032	3200	317	12.23	380	17.55	479	28.26	558	39.20	626	50.30	743	73.04	844	97.12	933	121.88	1015	148.03	1090	174.80	1160	202.48
27036	3600	341	16.01	400	21.89	495	33.69	574	46.06	640	58.20	755	83.29	853	108.72	942	135.85	1023	163.87	1097	192.29	1167	222.03
30040	4000	365	20.43	420	26.80	513	40.11	589	53.31	655	66.83	768	94.38	865	122.13	952	150.77	1032	180.71	1106	211.46	1174	242.25
33044	4400	390	25.71	442	32.75	531	47.15	606	61.80	671	76.43	782	106.25	878	136.61	963	166.91	1042	198.64	1115	231.20	1183	264.32
36048	4800	417	32.23	464	39.41	550	55.13	623	71.00	687	86.86	797	119.07	891	151.61	976	184.81	1053	217.99	1124	251.55		
39052	5200	443	39.43	488	47.37	570	64.16	641	81.27	704	98.47	813	133.11	906	168.13	989	203.33	1065	238.70	1136	274.82		
42056	5600	470	47.86	512	56.24	590	74.02	659	92.32	721	110.91	829	148.15	921	185.36	1003	223.00	1078	260.75	1148	298.93		
45060	6000	498	57.72	537	66.43	611	85.13	679	105.08	739	124.63	845	164.17										

941

Wheel Diameter: 71.25"
Tip Speed (FPM): 18.65 x RPM

Inlet Area: 9.16 ft²
Inlet Diameter: 41 1/2" O.D.

Outlet Area: 9.20 ft²
Outlet Dimension: 34^{13/16}" x 38^{15/16}"

MHO/R | Size 941



MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11040	1200	196	2.88	267	5.59	372	11.36	454	17.50														
14720	1600	210	4.28	274	7.55	376	14.92	456	22.52	525	30.43	641	47.24										
18400	2000	227	6.14	287	10.13	<u>381</u>	<u>18.51</u>	460	<u>27.79</u>	528	37.43	642	56.71	740	77.33								
22080	2400	247	8.67	303	13.32	392	23.10	<u>466</u>	<u>33.37</u>	<u>532</u>	<u>44.37</u>	645	67.18	741	90.24	826	114.02	903	138.76	974	164.65		
25760	2800	267	11.71	320	17.12	405	28.32	475	39.71	<u>538</u>	<u>51.81</u>	<u>649</u>	<u>77.63</u>	744	104.18	828	130.77	905	158.27	975	185.98	1040	214.38
29440	3200	289	15.61	339	21.80	420	34.32	487	47.07	547	60.25	<u>654</u>	<u>88.34</u>	<u>748</u>	<u>118.07</u>	831	148.11	907	178.53	977	209.22	1042	240.27
33120	3600	313	20.59	359	27.36	436	41.12	501	55.37	559	69.98	<u>661</u>	<u>99.94</u>	<u>752</u>	<u>131.80</u>	835	165.36	910	199.17	979	232.83	1044	267.10
36800	4000	338	26.68	379	33.66	454	49.22	517	64.86	573	80.92	671	113.12	<u>759</u>	<u>147.18</u>	<u>839</u>	<u>182.47</u>	914	219.74	983	257.37	1047	294.72
40480	4400	364	34.09	402	41.65	473	58.48	533	75.12	587	92.33	683	127.73	768	163.94	845	200.92	918	240.23	986	280.41	1050	321.51
44160	4800	390	42.69	425	50.67	492	68.65	551	87.13	603	105.38	696	143.41	779	182.39	854	221.71	<u>924</u>	<u>262.34</u>	991	305.16	1054	348.72
47840	5200	417	52.95	449	61.20	512	80.23	569	100.10	620	119.96	711	160.89	791	202.05	864	243.70	932	286.31	997	330.93	1058	375.93
51520	5600	444	64.68	474	73.46	532	93.39	589	115.23	638	136.19	726	179.15	804	223.05	876	267.91	942	312.51	1005	358.86	1065	406.43
55200	6000	471	77.97	500	87.69	555	108.31	608	130.97	656	153.54	742	199.16	819	246.34	889	293.71	954	341.31	1014	388.22		
58880	6400	499	93.48	526	103.57	577	124.56	628	148.58	675	172.79	759	221.22	834	270.54	902	320.16	966	370.80	1026	421.61		
62560	6800	527	110.88	552	121.18	601	143.59	648	167.48	695	194.19	777	245.46	850	296.86	917	349.47	979	402.14	1038	455.76		
66240	7200	555	130.27	579	141.34	625	164.32	670	189.37	715	217.06	795	271.08	866	324.53	932	379.83	993	435.43	1051	492.03		

MAXIMUM RPM: CLASS 22 = 911 CLASS 32 = 1072

MHA | Size 941

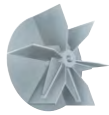


Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11040	1200	196	2.57	266	5.15																		
14720	1600	210	3.68	274	6.80	374	13.71																
18400	2000	228	5.15	287	8.85	<u>381</u>	<u>16.93</u>																
22080	2400	246	6.80	303	11.34	391	20.48	465	30.41	530	40.83												
25760	2800	266	8.94	320	14.19	405	24.76	<u>474</u>	<u>35.49</u>	<u>537</u>	<u>47.20</u>	646	71.49										
29440	3200	287	11.59	339	17.56	420	29.47	487	41.55	<u>546</u>	<u>53.96</u>	<u>652</u>	<u>80.85</u>	745	109.00								
33120	3600	308	14.66	358	21.30	437	34.93	501	48.10	558	61.69	<u>660</u>	<u>90.61</u>	<u>750</u>	<u>121.12</u>	831	152.28						
36800	4000	330	18.35	378	25.75	454	40.73	517	55.56	572	70.30	<u>670</u>	<u>101.19</u>	<u>757</u>	<u>133.68</u>	<u>836</u>	<u>167.36</u>	910	202.51				
40480	4400	353	22.76	398	30.75	473	47.41	534	63.78	587	79.63	682	112.78	<u>766</u>	<u>147.13</u>	843	183.05	915	220.52	982	258.44	1045	296.50
44160	4800	377	28.03	420	36.81	491	54.25	551	72.42	604	90.25	696	125.64	777	161.84	<u>852</u>	<u>199.83</u>	922	239.34	987	279.26	1049	320.36
47840	5200	401	34.03	441	43.25	511	62.40	569	81.84	621	101.39	710	138.88	790	178.01	<u>863</u>	<u>218.16</u>	931	259.49	994	301.14	1055	344.91
51520	5600	425	40.81	463	50.66	531	71.34	588	92.18	638	113.01	726	153.79	804	195.21	874	236.63	940	279.67	1003	324.58	1062	369.83
55200	6000	450	48.74	486	59.20	551	81.07	607	103.21	656	125.59	742	169.28	818	212.87	888	257.83	952	302.68	1013	349.10	1070	395.51
58880	6400	475	57.62	509	68.59	572	92.04	626	115.08	675	139.31	760	186.77	834	232.68	902	279.51	964	325.92	1024	374.82		
62560	6800	501	67.91	533	79.35	593	103.88	646	128.43	693	153.14	777	204.16	850	253.16	916	301.71	978	351.60	1036	401.86		
66240	7200	526	78.89	556	90.66	614	116.58	666	142.75	712	168.50	795	222.88	867	275.23	931	325.50	992	377.83	1049	430.41		

MAXIMUM RPM: CLASS 22 = 888 CLASS 32 = 1070

MHW | Size 941



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11040	1200	203	2.96	272	5.58	375	11.64	455	18.44														
14720	1600	217	4.36	284	7.78	<u>383</u>	<u>14.99</u>	461	22.85	528	31.37	642	50.28										
18400	2000	232	6.15	297	10.31	393	18.91	<u>469</u>	<u>27.93</u>	535	37.66	647	58.56	742	81.25								
22080	2400	249	8.48	311	13.34	405	23.50	<u>479</u>	<u>33.79</u>	<u>544</u>	<u>44.79</u>	654	67.99	747	92.48	830	118.70	905	146.25	975	175.65		
25760	2800	267	11.37	327	17.12	419	28.80	491	40.56	554	52.71	<u>662</u>	<u>78.24</u>	754	105.10	836	133.42	911	163.34	979	193.87		
29440	3200	287	15.08	343	21.43	433	34.67	504	47.98	566	61.74	<u>671</u>	<u>89.35</u>	<u>762</u>	<u>118.71</u>	843	149.33	917	181.30	985	214.24		
33120	3600	308	19.60	361	26.72	448	41.48	518	56.22	578	71.21	682	101.97	<u>771</u>	<u>133.34</u>	<u>851</u>	<u>166.36</u>	924	200.55	991	235.45		
36800	4000	330	25.08	380	32.97	463	48.97	533	65.62	592	81.95	694	115.67	782	149.88	<u>860</u>	<u>184.60</u>	932	221.07	999	258.82		
40480	4400	353	31.67	399	40.01	480	57.84	547	75.49	606	93.52	707	130.41	793	167.18	870	204.41	941	242.99	1007	282.88		
44160	4800	376	39.24	419	48.20	497	67.56	563	87.03	621	106.55	720	145.80	805	185.71	882	226.53	951	266.72	1016	308.57		
47840	5200	400	48.20	441	58.07	515	78.60	579	99.4														

945

Wheel Diameter: 78.25"
Tip Speed (FPM): 20.49 x RPM

Inlet Area: 11.04 ft²
Inlet Diameter: 45 1/2" O.D.

Outlet Area: 11.10 ft²
Outlet Dimension: 38 3/16" x 42 3/4"

Performance Data

MHO/R | Size 945



MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13320	1200	179	3.51	243	6.74	339	13.74	414	21.21	478	36.71	584	57.10										
17760	1600	191	5.15	250	9.16	342	17.94	416	27.33	481	45.23	585	68.57	673	92.97								
22200	2000	207	7.44	261	12.18	347	22.35	419	33.57	481	45.23	585	68.57	673	92.97								
26640	2400	225	10.47	276	16.09	357	27.89	424	40.17	484	53.40	587	80.93	675	109.01	752	137.50	822	167.27	887	198.72		
31080	2800	243	14.11	291	20.57	368	33.96	433	48.08	490	62.56	591	93.68	678	126.00	754	157.82	824	190.92	888	224.54	947	258.67
35520	3200	263	18.80	309	26.38	382	41.26	444	57.00	498	72.66	595	106.31	681	142.40	757	178.93	826	215.50	889	251.91	948	289.15
39960	3600	285	24.84	327	33.04	397	49.61	456	66.72	509	84.43	602	120.65	685	159.20	760	199.26	829	240.65	892	281.44	950	321.63
44400	4000	308	32.26	346	40.93	413	59.21	470	77.87	521	97.21	611	136.49	691	177.48	764	220.18	832	264.88	895	310.44	953	355.20
48840	4400	331	40.95	366	50.22	431	70.70	485	90.45	535	111.70	622	154.17	699	197.53	770	242.95	836	289.95	898	338.53	956	387.80
53280	4800	355	51.44	387	61.13	448	82.82	502	105.29	549	127.09	634	173.22	709	219.75	777	266.86	842	317.24	902	367.73	959	419.78
57720	5200	380	64.02	409	73.91	466	96.66	518	120.69	565	145.07	647	193.74	720	243.51	787	294.33	849	345.87	908	399.50	964	454.45
62160	5600	404	77.85	432	88.86	485	112.43	536	138.77	581	164.35	661	216.07	733	270.10	798	323.65	858	377.37	915	432.81	969	489.23
66600	6000	429	94.14	455	105.58	505	130.38	554	158.33	598	185.85	676	240.66	745	296.31	809	353.71	868	410.83	924	469.43		
71040	6400	454	112.49	479	124.97	526	150.78	572	179.40	615	208.84	691	266.76	759	325.87	822	387.22	880	447.97	934	508.29		
75480	6800	480	133.86	503	146.51	547	172.99	591	203.02	633	234.45	707	295.50	774	358.18	835	421.64	892	486.09	945	549.58		
79920	7200	505	156.80	527	170.28	569	198.12	610	228.37	651	261.80	724	327.17	789	392.20	849	458.83	904	525.00	957	593.61		

MAXIMUM RPM: CLASS 22 = 837 CLASS 32 = 976



MHA | Size 945

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13320	1200	<u>178</u>	<u>3.08</u>	242	6.19																		
17760	1600	192	4.49	<u>249</u>	<u>8.15</u>	341	16.61																
22200	2000	207	6.15	261	10.63	<u>347</u>	<u>20.44</u>	417	30.87														
26640	2400	224	8.21	276	13.70	<u>356</u>	<u>24.70</u>	<u>423</u>	<u>36.58</u>	<u>482</u>	<u>49.08</u>												
31080	2800	242	10.76	292	17.23	368	29.68	<u>432</u>	<u>42.93</u>	<u>489</u>	<u>56.95</u>	588	86.15										
35520	3200	261	13.93	309	21.24	382	35.43	443	49.98	498	65.43	<u>593</u>	<u>97.20</u>	678	131.30								
39960	3600	281	17.79	326	25.70	398	42.17	456	57.95	508	74.39	<u>601</u>	<u>109.34</u>	<u>683</u>	<u>146.18</u>	757	183.96						
44400	4000	301	22.25	344	31.01	414	49.36	471	67.13	521	84.89	<u>610</u>	<u>122.03</u>	<u>689</u>	<u>161.07</u>	<u>762</u>	<u>202.53</u>	828	243.78				
48840	4400	322	27.60	363	37.27	430	56.91	486	76.83	535	96.33	621	136.06	<u>698</u>	<u>177.89</u>	<u>768</u>	<u>221.18</u>	833	265.89	894	311.63	952	358.25
53280	4800	343	33.72	382	44.25	448	65.84	502	87.51	550	108.89	634	151.75	708	195.67	<u>776</u>	<u>241.27</u>	839	288.20	899	337.24	955	386.29
57720	5200	365	41.00	402	52.35	465	75.13	518	98.66	565	122.02	647	167.93	719	214.44	<u>785</u>	<u>262.38</u>	847	312.26	905	363.19	960	415.29
62160	5600	387	49.23	422	61.29	483	85.79	535	110.94	581	136.38	661	185.48	732	235.42	796	285.66	856	337.49	913	391.22	967	446.17
66600	6000	410	58.90	443	71.63	502	97.95	553	124.70	598	152.01	676	204.55	745	256.97	808	310.39	867	365.34	922	420.62		
71040	6400	433	69.74	464	83.02	521	111.13	570	138.81	614	167.53	692	225.29	759	280.25	821	336.80	878	393.50	932	451.61		
75480	6800	456	81.81	485	95.52	540	125.33	588	154.76	631	184.71	708	246.81	774	305.44	834	363.89	891	424.86	943	484.28		
79920	7200	479	95.18	507	109.83	559	140.56	606	171.83	649	203.91	724	268.99	789	331.45	848	393.06	903	455.40	955	518.97		

MAXIMUM RPM: CLASS 22 = 809 CLASS 32 = 974



MHW | Size 945

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13320	1200	185	3.57	<u>248</u>	<u>6.76</u>	342	14.10	415	22.36														
17760	1600	197	5.21	258	9.32	<u>349</u>	<u>18.12</u>	420	27.61	481	37.90	584	60.48										
22200	2000	211	7.39	270	12.38	358	22.85	<u>427</u>	<u>33.69</u>	487	45.39	589	70.60										
26640	2400	227	10.27	284	16.23	369	28.41	<u>436</u>	<u>40.72</u>	<u>495</u>	<u>53.93</u>	595	81.82	680	111.48	756	143.34	824	176.40	888	212.05		
31080	2800	243	13.69	298	20.71	381	34.61	447	48.90	<u>504</u>	<u>63.42</u>	<u>603</u>	<u>94.49</u>	687	127.04	761	160.82	829	196.69	892	234.34	950	272.87
35520	3200	261	18.12	313	26.03	394	41.75	459	57.91	515	74.33	<u>611</u>	<u>107.80</u>	<u>694</u>	<u>143.31</u>	768	180.44	835	218.74	897	258.57	954	298.95
39960	3600	280	23.53	329	32.33	408	50.07	472	67.97	527	86.25	621	123.02	<u>702</u>	<u>160.84</u>	<u>775</u>	<u>200.79</u>	842	242.51	903	284.66	960	328.05
44400	4000	300	30.11	346	39.77	422	59.26	485	79.00	539	98.84	632	139.60	712	180.78	<u>783</u>	<u>222.65</u>	849	267.05	910	312.62	966	358.20
48840	4400	321	38.05	363	48.14	437	69.75	498	91.03	552	112.95	643	156.78	722	201.63	793	247.38	857	293.33	917	341.36	973	390.35
53280	4800	343	47.60	382	58.36	452	81.21	512	104.61	565	128.24	656	176.22	733	224.05	803	273.18	866	321.85	925	372.13		
57720	5200	365	58.52	401	69.76	469	94.86	527	119.87	579	145.40	669	196.86	745	248.12	814	300.90	876	352.59	934	405.40		
62160	5600	387	70.91	421	82.98	486	109.80	542	136.31	593	163.77	682	218.94	758	274.27	825	329.38	887	385.55	945	442.57		
66600	6000	410	85.47	442	98.31	503	126.05	558	154.78	608	184.22	695	242.45	771	301.84	837	359.95	898	419.39	955	479.44		
71040	6400	433	101.83	463	115.27	521	144.46	575	175.53	623	206.03	708	267.31	784	331.08	850	393.14	910	455.54	966	518.71		
75480	6800	456	120.08	485	134.77	540	165.26	592	197.85	639	230.29	722	294.70	797	361.98	863	427.99	923	494.55	978	560.55		
79920	7200																						

949

Wheel Diameter: 85.25"
Tip Speed (FPM): 22.32 x RPM

Inlet Area: 13.09 ft²
Inlet Diameter: 49½" O.D.

Outlet Area: 13.17 ft²
Outlet Dimension: 41½" x 46⅝"

MHO/R | Size 949



MHO Wheel used for Class 22.
MHR Wheel used for Class 32.

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15804	1200	164	4.14	223	7.99	311	16.28	380	25.17														
21072	1600	176	6.18	229	10.81	314	<u>21.31</u>	381	32.21	439	43.63	536	67.73										
26340	2000	190	8.83	240	14.53	<u>319</u>	<u>26.64</u>	<u>384</u>	<u>39.64</u>	441	53.48	537	81.38	618	110.45								
31608	2400	206	12.33	253	19.02	327	32.88	<u>389</u>	<u>47.60</u>	444	63.25	539	96.13	620	129.61	691	163.68	755	198.87	814	235.66		
36876	2800	223	16.73	267	24.39	338	40.37	397	56.86	<u>449</u>	<u>73.85</u>	<u>542</u>	<u>110.87</u>	622	149.27	692	187.19	756	226.23	815	266.35	869	306.68
42144	3200	242	22.48	283	31.10	351	49.11	407	67.37	457	86.15	<u>546</u>	<u>126.05</u>	<u>625</u>	<u>168.90</u>	695	212.45	<u>758</u>	<u>255.52</u>	816	298.90	871	344.09
47412	3600	262	29.61	300	39.15	364	58.67	419	79.42	467	100.06	<u>552</u>	<u>142.72</u>	<u>629</u>	<u>189.12</u>	698	236.84	<u>761</u>	<u>285.63</u>	818	333.02	872	381.63
52680	4000	283	38.40	317	48.30	379	70.21	432	92.79	478	115.19	561	162.10	<u>634</u>	<u>210.34</u>	<u>702</u>	<u>262.08</u>	<u>764</u>	<u>314.68</u>	821	367.67	875	421.83
57948	4400	304	48.69	336	59.63	395	83.51	446	107.93	491	132.49	571	183.01	641	233.73	707	288.56	<u>767</u>	<u>343.58</u>	824	401.30	877	459.37
63216	4800	326	61.14	355	72.41	411	98.13	460	124.31	504	150.88	582	205.61	651	261.02	713	316.39	<u>772</u>	<u>375.17</u>	<u>828</u>	<u>436.44</u>	<u>881</u>	<u>499.37</u>
68484	5200	348	75.46	375	87.43	428	114.92	476	143.70	518	171.55	594	230.04	662	289.12	722	348.70	<u>779</u>	<u>409.95</u>	<u>833</u>	<u>473.28</u>	<u>885</u>	<u>539.53</u>
73752	5600	371	92.53	396	105.03	445	133.27	492	164.69	533	194.71	607	256.75	671	319.35	732	383.30	<u>787</u>	<u>446.86</u>	840	513.81	890	581.61
79020	6000	394	111.92	418	125.63	463	154.20	508	187.32	549	220.68	620	284.91	684	351.88	743	420.44	<u>797</u>	<u>488.00</u>	848	556.77	896	625.82
84288	6400	417	133.78	439	147.64	482	178.04	525	212.86	565	248.49	634	316.16	697	387.23	754	458.57	<u>807</u>	<u>530.11</u>	857	602.48		
89556	6800	440	158.25	461	173.09	502	205.19	542	240.31	581	278.19	649	350.75	710	424.23	<u>766</u>	<u>499.49</u>	<u>818</u>	<u>575.21</u>	867	651.24		
94824	7200	464	186.67	483	201.19	522	234.75	560	271.14	597	309.83	664	387.29	724	465.00	<u>779</u>	<u>543.86</u>	<u>830</u>	<u>623.50</u>	878	703.38		

MAXIMUM RPM: CLASS 22 = 757 CLASS 32 = 896

MHA | Size 949

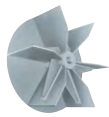


Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15804	1200	164	3.70	222	7.34																		
21072	1600	176	5.31	<u>229</u>	<u>9.73</u>	313	19.71																
26340	2000	190	7.30	240	12.68	<u>318</u>	<u>24.14</u>	383	36.70														
31608	2400	206	9.80	253	16.19	327	29.37	<u>388</u>	<u>43.32</u>	443	58.47												
36876	2800	222	12.75	268	20.44	338	35.29	397	51.13	<u>449</u>	<u>67.65</u>	540	102.39										
42144	3200	240	16.62	283	25.04	351	42.18	407	59.48	<u>457</u>	<u>77.59</u>	<u>545</u>	<u>115.78</u>	622	155.55								
47412	3600	258	21.13	293	30.43	365	49.91	419	68.99	467	88.68	<u>552</u>	<u>129.99</u>	627	173.52	695	218.44						
52680	4000	276	26.32	316	36.89	380	58.57	432	79.49	478	100.60	<u>560</u>	<u>144.88</u>	<u>633</u>	<u>191.65</u>	<u>699</u>	<u>239.88</u>	<u>760</u>	<u>289.26</u>				
57948	4400	295	32.58	333	44.16	395	67.70	446	91.12	491	114.27	570	161.46	<u>641</u>	<u>211.41</u>	<u>705</u>	<u>262.53</u>	<u>765</u>	<u>316.00</u>	821	370.33	874	425.35
63216	4800	315	40.09	351	52.68	411	78.02	461	104.00	504	128.58	582	180.14	650	232.33	<u>712</u>	<u>285.97</u>	<u>770</u>	<u>341.85</u>	<u>825</u>	<u>399.91</u>	877	459.03
68484	5200	335	48.65	369	62.13	427	89.27	476	117.48	519	145.14	594	199.41	660	254.52	<u>721</u>	<u>311.94</u>	<u>778</u>	<u>371.31</u>	<u>831</u>	<u>431.46</u>	<u>881</u>	<u>492.50</u>
73752	5600	355	58.32	387	72.55	443	101.58	491	131.61	533	161.58	607	220.41	672	279.51	731	339.48	<u>786</u>	<u>400.93</u>	<u>838</u>	<u>464.19</u>	<u>887</u>	<u>528.38</u>
79020	6000	376	69.72	406	84.63	460	115.67	507	147.47	548	179.52	621	243.34	684	305.18	742	368.85	<u>795</u>	<u>432.22</u>	<u>846</u>	<u>498.60</u>		
84288	6400	397	82.49	426	98.61	478	131.71	523	164.55	564	199.27	635	267.14	697	333.03	<u>753</u>	<u>398.75</u>	<u>806</u>	<u>467.12</u>	<u>855</u>	<u>535.01</u>		
89556	6800	418	96.71	445	113.24	495	148.15	540	183.95	579	219.01	649	291.74	710	361.79	<u>766</u>	<u>432.63</u>	<u>817</u>	<u>502.62</u>	<u>866</u>	<u>575.55</u>		
94824	7200	440	113.23	465	130.04	513	166.72	556	203.66	595	241.14	664	318.44	724	393.00	<u>778</u>	<u>465.79</u>	<u>829</u>	<u>540.71</u>	877	616.74		

MAXIMUM RPM: CLASS 22 = 743 CLASS 32 = 894

MHW | Size 949



Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15804	1200	169	4.18	<u>228</u>	<u>8.06</u>	314	16.75	381	26.54														
21072	1600	181	6.20	237	11.08	<u>320</u>	<u>21.44</u>	386	32.88	442	45.13	536	71.75										
26340	2000	194	8.82	248	14.73	328	26.96	<u>392</u>	<u>39.99</u>	447	53.86	541	83.95	620	116.23								
31608	2400	208	12.12	260	19.11	338	33.50	401	48.61	<u>454</u>	<u>63.84</u>	546	97.01	625	132.82	694	170.15	757	209.88	815	251.56		
36876	2800	223	16.24	273	24.43	350	41.17	410	57.90	463	75.44	<u>553</u>	<u>111.83</u>	630	150.33	699	191.24	761	233.47	818	277.31	872	323.81
42144	3200	240	21.62	287	30.79	362	49.68	421	68.57	473	88.36	<u>561</u>	<u>128.04</u>	<u>637</u>	<u>170.04</u>	705	214.16	766	259.12	<u>823</u>	<u>306.43</u>	<u>876</u>	<u>355.15</u>
47412	3600	257	27.92	302	38.37	374	59.18	433	80.52	483	101.89	570	145.98	<u>645</u>	<u>191.43</u>	<u>712</u>	<u>238.91</u>	<u>772</u>	<u>286.82</u>	<u>829</u>	<u>337.97</u>	<u>881</u>	<u>389.04</u>
52680	4000	276	35.98	317	46.93	387	70.13	445	93.64	495	117.47	580	165.56	653	213.99	<u>719</u>	<u>264.52</u>	<u>779</u>	<u>316.54</u>	<u>835</u>	<u>370.60</u>	<u>887</u>	<u>425.50</u>
57948	4400	295	45.32	333	57.03	401	82.70	457	107.95	507	134.28	591	186.79	663	239.57	<u>727</u>	<u>292.47</u>	<u>787</u>	<u>348.56</u>	<u>842</u>	<u>405.49</u>	<u>893</u>	<u>463.03</u>
63216	4800	315	56.57	350	68.88	415	96.45	470	124.16	519	152.52	602	208.97	673	266.08	737	324.08	<u>795</</u>					

954

Wheel Diameter: 93.75"
Tip Speed (FPM): 24.54 x RPM

Inlet Area: 15.89 ft²
Inlet Diameter: 54 5/8" O.D.

Outlet Area: 15.93 ft²
Outlet Dimension: 45 1/2" x 51 1/8"



MHO | Size 954

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19116	1200	149	5.00	203	9.70	283	19.73	345	30.30														
25488	1600	160	7.47	208	13.03	<u>285</u>	<u>25.63</u>	347	39.15	399	52.70	487	81.72										
31860	2000	173	10.72	218	17.52	<u>290</u>	<u>32.20</u>	350	48.29	401	64.68	488	98.24	562	133.62								
38232	2400	187	14.84	230	22.98	298	40.03	<u>354</u>	<u>57.71</u>	<u>404</u>	<u>76.65</u>	490	116.18	563	156.11	628	197.65	686	239.97				
44604	2800	203	20.31	243	29.57	308	49.14	361	68.76	<u>409</u>	<u>89.79</u>	<u>493</u>	<u>134.22</u>	565	179.96	630	227.21	688	274.28				
50976	3200	220	27.17	258	37.91	319	59.30	370	81.42	416	104.53	<u>497</u>	<u>152.92</u>	<u>568</u>	<u>203.93</u>	632	256.99	689	308.69				
57348	3600	238	35.70	273	47.46	331	70.96	381	96.05	425	121.31	<u>502</u>	<u>172.67</u>	<u>572</u>	<u>228.78</u>	635	286.86	692	345.46				
63720	4000	257	46.26	288	58.26	345	85.19	393	112.37	435	139.65	510	195.91	<u>577</u>	<u>255.05</u>	<u>638</u>	<u>316.47</u>						
70092	4400	276	58.60	305	71.74	359	100.85	405	129.99	446	159.73	519	221.06	583	282.87	643	349.18						
76464	4800	296	73.61	323	87.73	374	118.94	419	151.12	458	182.13	529	248.36	592	315.75	649	383.82						
82836	5200	317	91.74	341	105.74	389	138.78	433	173.99	471	207.43	540	278.01	601	349.56	657	422.64						
89208	5600	337	117.54	360	126.93	405	161.60	447	198.67	485	235.97	552	310.59	611	386.12	666	464.37						
95580	6000	358	135.04	380	151.82	421	186.47	462	226.65	499	266.54	564	344.98	622	425.63	676	509.35						
101952	6400	379	161.54	399	178.30	439	216.36	477	256.79	513	299.18	577	383.35	634	468.77	686	555.51						
108324	6800	400	191.23	419	209.03	457	249.00	493	290.89	528	335.84	590	423.88	646	513.99								
114696	7200	422	225.86	440	244.64	475	284.51	509	327.49	543	375.00	604	468.89	658	561.50								

MAXIMUM RPM: CLASS 22 = 692

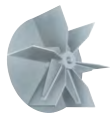


MHA | Size 954

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19116	1200	149	4.46	202	8.89																		
25488	1600	160	6.41	208	11.73	284	23.68																
31860	2000	173	8.87	218	15.29	<u>289</u>	<u>29.15</u>																
38232	2400	187	11.79	230	19.57	297	35.40	348	44.29														
44604	2800	202	15.45	244	24.82	307	42.54	361	61.83	<u>408</u>	<u>81.65</u>	491	123.81										
50976	3200	218	20.03	258	30.52	319	50.93	370	71.88	<u>415</u>	<u>93.46</u>	<u>495</u>	<u>139.54</u>	566	188.53								
57348	3600	234	25.36	272	36.85	332	60.42	381	83.43	424	106.76	<u>502</u>	<u>157.26</u>	<u>570</u>	<u>209.71</u>	632	264.22						
63720	4000	251	31.84	287	44.45	345	70.50	393	96.26	435	121.95	<u>509</u>	<u>174.99</u>	<u>575</u>	<u>231.06</u>	<u>636</u>	<u>290.65</u>						
70092	4400	269	39.73	303	53.51	359	81.75	406	110.56	446	137.75	518	194.92	<u>582</u>	<u>254.53</u>	<u>641</u>	<u>317.41</u>						
76464	4800	286	48.26	319	63.61	374	94.56	419	125.60	459	156.22	529	217.59	591	280.91	<u>648</u>	<u>346.76</u>						
82836	5200	305	59.05	335	74.78	388	107.73	433	142.24	472	175.60	540	240.99	600	307.60	656	377.93						
89208	5600	323	70.65	352	87.81	403	123.01	447	159.72	485	195.81	552	266.62	611	337.93	665	411.12						
95580	6000	342	84.39	369	102.19	419	140.60	461	178.32	499	218.01	564	293.22	622	369.14								
101952	6400	361	99.76	387	118.91	434	158.57	476	199.54	513	241.19	577	322.37	634	403.17								
108324	6800	380	116.87	405	137.30	450	179.03	491	222.42	527	265.62	591	354.35	646	438.32								
114696	7200	400	136.82	423	157.45	467	202.30	506	246.92	542	293.17	604	385.51	659	476.71								

MAXIMUM RPM: CLASS 22= 674



MHW | Size 954

Fan Efficiency Grade = FEG67

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19116	1200	154	5.09	<u>207</u>	<u>9.71</u>	285	20.15	346	31.98														
25488	1600	165	7.56	216	13.50	<u>291</u>	<u>25.93</u>	351	39.77	402	54.61	488	87.10										
31860	2000	176	10.59	226	17.93	299	32.85	<u>357</u>	<u>48.59</u>	407	65.40	492	101.56	564	140.73								
38232	2400	189	14.63	237	23.28	308	40.78	<u>364</u>	<u>58.48</u>	<u>413</u>	<u>77.31</u>	497	117.69	568	160.36	631	205.72	688	253.44				
44604	2800	203	19.71	248	29.46	318	49.66	373	70.13	421	91.23	<u>503</u>	<u>135.37</u>	573	181.94	635	230.62	692	282.37				
50976	3200	218	26.06	261	37.25	329	59.99	383	83.04	430	106.79	<u>510</u>	<u>154.74</u>	<u>579</u>	<u>205.41</u>	641	258.94						
57348	3600	234	33.90	274	46.09	340	71.52	394	97.58	440	123.90	518	176.23	<u>586</u>	<u>230.92</u>	<u>647</u>	<u>288.37</u>						
63720	4000	251	43.52	289	57.20	352	84.88	405	113.55	450	141.96	527	199.78	594	259.09	<u>654</u>	<u>320.22</u>						
70092	4400	268	54.66	303	69.11	364	99.49	416	130.97	461	162.38	537	225.40	603	289.92	662	355.22						
76464	4800	286	68.11	319	83.89	378	117.24	428	150.82	472	184.54	547	252.17	612	321.86	670	391.66						
82836	5200	304	83.46	335	100.39	391	135.67	440	172.20	483	208.33	558	281.95	622	356.41	679	431.07						
89208	5600	323	101.77	352	119.73	405	156.83	453	196.44	495	235.12	569	313.83	632	392.38	689	473.57						
95580	6000	342	122.46	369	141.19	420	181.13	466	222.51	507	263.66	580	347.79	643	432.15								
101952	6400	361	145.67	387	166.15	435	207.53	480	252.03	520	295.70	591	383.76	654	474.35								
108324	6800	380	171.53	405	193.70	450	236.06	494	283.75	533	329.87	603	423.74	665	518.99								
114696	7200	400	201.71	423	223.95	467	270.17	508	317.74														

960

Wheel Diameter: 104.25"
Tip Speed (FPM): 27.29 x RPM

Inlet Area: 19.62 ft²
Inlet Diameter: 60⁵/₈" O.D.

Outlet Area: 19.70 ft²
Outlet Dimension: 50³/₄" x 57"



MHO | Size 960

Fan Efficiency Grade = FEG71

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23640	1200	134	6.18	182	<u>11.88</u>	254	24.26	311	37.74														
31520	1600	144	9.26	187	16.10	257	31.95	312	48.39	359	65.27	438	101.09										
39400	2000	155	13.11	196	21.65	261	39.91	<u>314</u>	<u>59.29</u>	361	80.24	439	121.62	505	164.85								
47280	2400	169	18.62	207	28.49	268	49.51	<u>318</u>	<u>71.13</u>	<u>363</u>	<u>94.54</u>	441	144.02	507	193.86	565	244.74	617	296.89				
55160	2800	182	24.88	219	36.80	277	60.78	325	85.32	<u>367</u>	<u>110.32</u>	<u>443</u>	<u>165.59</u>	509	223.74	566	280.17	618	338.03				
63040	3200	198	33.68	232	46.87	287	73.44	333	100.92	374	129.16	<u>447</u>	<u>189.18</u>	<u>511</u>	<u>252.49</u>	568	317.22	620	382.48				
70920	3600	214	44.13	245	58.33	298	88.05	343	119.16	382	149.79	452	214.33	<u>514</u>	<u>282.28</u>	<u>571</u>	<u>354.66</u>	622	426.59				
78800	4000	231	57.12	259	72.05	310	105.09	353	138.46	391	172.44	459	242.85	<u>518</u>	<u>313.79</u>	<u>574</u>	<u>391.89</u>						
86680	4400	249	73.17	275	89.41	323	124.89	364	160.48	401	197.41	467	273.85	525	351.25	578	<u>431.28</u>						
94560	4800	267	91.86	291	109.08	336	146.65	376	185.69	412	225.43	476	307.68	532	389.64	583	473.10						
102440	5200	285	113.35	307	131.19	350	171.88	389	214.52	424	257.32	486	344.62	541	433.56	591	523.11						
110320	5600	303	137.85	324	157.33	364	199.49	402	245.71	436	291.50	496	383.15	550	478.89	599	574.48						
118200	6000	322	167.07	342	188.19	379	231.32	416	281.35	449	330.18	507	426.12	560	528.17	607	627.05						
126080	6400	341	200.06	359	220.82	395	267.99	429	317.64	462	371.58	519	474.38	570	579.26	617	687.26						
133960	6800	360	237.03	377	258.89	411	307.98	443	358.87	475	415.77	531	525.43	581	635.81								
141840	7200	379	278.20	395	300.94	427	351.42	458	405.68	488	462.84	543	579.30	592	695.31								

MAXIMUM RPM: CLASS 22 = 622



MHA | Size 960

Fan Efficiency Grade = FEG80

CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23640	1200	134	5.52	<u>181</u>	<u>10.88</u>																		
31520	1600	144	7.95	<u>187</u>	<u>14.49</u>	256	29.49																
39400	2000	156	11.06	196	18.89	<u>260</u>	<u>36.09</u>	313	54.79														
47280	2400	168	14.53	207	24.26	267	43.73	<u>318</u>	<u>65.23</u>	362	87.26												
55160	2800	182	19.21	219	30.51	277	53.13	<u>324</u>	<u>76.01</u>	<u>367</u>	<u>101.05</u>	442	153.58										
63040	3200	196	24.75	232	37.74	287	63.07	333	89.10	<u>373</u>	<u>115.39</u>	<u>445</u>	<u>172.39</u>	509	233.16								
70920	3600	211	31.61	245	45.79	299	75.04	343	103.51	382	132.75	<u>451</u>	<u>193.91</u>	<u>512</u>	<u>258.44</u>	568	326.14						
78800	4000	226	39.52	258	54.91	311	87.81	353	118.61	391	150.59	<u>458</u>	<u>216.77</u>	<u>517</u>	<u>285.60</u>	<u>572</u>	<u>359.54</u>						
86680	4400	242	49.18	272	65.81	323	101.24	365	136.60	401	170.24	466	241.31	<u>524</u>	<u>315.87</u>	<u>576</u>	<u>391.62</u>						
94560	4800	258	60.24	287	78.76	336	116.58	377	155.57	413	193.50	476	269.54	531	346.44	<u>583</u>	<u>429.39</u>						
102440	5200	274	72.80	302	93.15	349	133.31	389	175.37	424	216.43	486	298.71	540	381.29	590	467.53						
110320	5600	291	87.85	317	109.05	363	152.85	402	197.53	436	241.88	496	328.90	549	416.85	598	508.33						
118200	6000	308	104.80	332	126.55	377	174.14	415	221.20	449	270.06	507	362.18	559	455.61	607	552.28						
126080	6400	325	123.77	348	147.01	391	197.15	428	246.65	461	297.61	519	398.91	570	498.18								
133960	6800	342	144.86	364	169.49	405	221.92	441	274.02	474	328.62	531	437.01	581	542.21								
141840	7200	360	169.59	380	194.09	420	250.22	455	305.25	487	361.61	543	476.28	592	587.63								

MAXIMUM RPM: CLASS 22 = 607



MHW | Size 960

Fan Efficiency Grade = FEG87

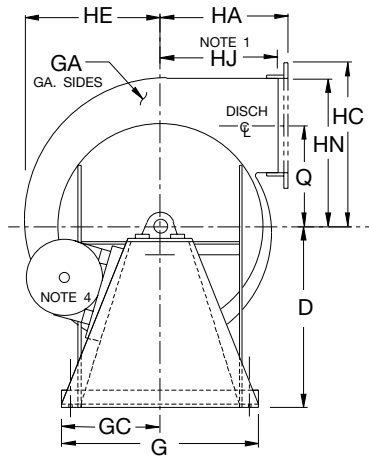
CFM	OV	1" SP		2" SP		4" SP		6" SP		8" SP		12" SP		16" SP		20" SP		24" SP		28" SP		32" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23640	1200	139	6.36	<u>186</u>	<u>11.97</u>	256	24.83	311	39.49														
31520	1600	148	9.27	194	16.63	<u>262</u>	<u>32.18</u>	315	48.88	361	67.25	439	107.82										
39400	2000	159	13.28	203	22.09	269	40.68	<u>321</u>	<u>60.07</u>	366	80.87	442	125.21	507	173.83								
47280	2400	170	18.10	213	28.74	277	50.44	<u>328</u>	<u>72.76</u>	<u>372</u>	<u>96.06</u>	447	145.60	511	198.54	567	253.80	619	313.85				
55160	2800	183	24.55	223	36.42	286	61.44	336	87.17	379	113.18	<u>452</u>	<u>167.02</u>	515	224.61	571	285.12	622	348.68				
63040	3200	196	32.20	235	46.23	296	74.29	345	103.21	387	132.37	<u>459</u>	<u>191.81</u>	<u>521</u>	<u>254.47</u>	576	319.47	627	388.70				
70920	3600	210	41.66	247	57.41	306	88.65	354	120.35	395	152.43	466	218.17	<u>527</u>	<u>285.59</u>	<u>582</u>	<u>356.90</u>						
78800	4000	225	53.31	259	70.01	317	105.41	364	140.17	405	175.98	474	247.17	534	320.09	<u>588</u>	<u>395.72</u>						
86680	4400	241	67.58	273	85.95	328	123.78	374	161.83	415	201.43	483	278.88	542	358.00	595	438.56						
94560	4800	257	84.03	287	103.88	340	145.07	385	186.66	424	227.46	492	312.01	550	397.24	603	485.49						
102440	5200	274	103.90	301	123.82	352	168.32	396	213.46	435	258.78	502	349.08	559	439.91	611	534.09						
110320	5600	291	126.53	316	147.28	365	195.21	407	242.25	445	290.47	512	388.80	569	486.91	619	583.91						
118200	6000	308	152.08	332	174.85	378	224.52	419	275.04	456	326.18	522	431.13	578	533.75								
126080	6400	325	180.72	348	205.42	391	256.27	431	310.24	468	366.55	532	475.97	588	586.21								
133960	6800	342	212.62	364	239.12	405	292.61	444	350.31	479	407.12	542	523.24	598	641.73								
141840	7200	360	250.02	380	276.07	420	334.18	457	393.35	492	455.58	553	575.94	608	700.18								

MAXIMUM RPM: CLASS 22 = 627

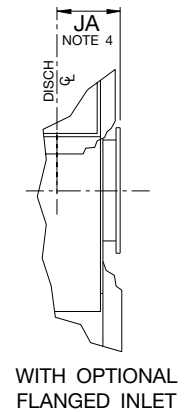
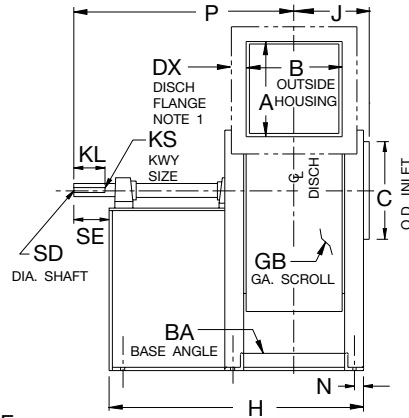
Performance certified is for installation type B & D: Free or ducted inlet, ducted outlet.
Power ratings (BHP) do not include transmission losses.
Performance ratings do not include the effects of appurtenances (accessories).

Underlined figures indicate maximum static efficiency.
Regular face type = Class 22
Bold face type = Class 32

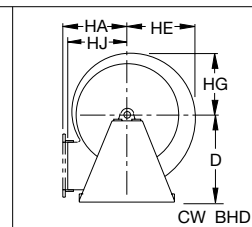
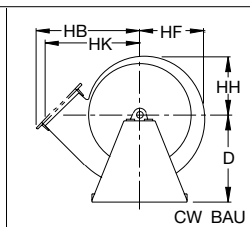
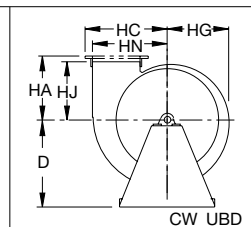
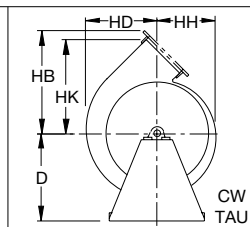
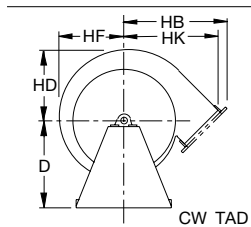
MHO, MHA, & MHW, Arr. 9A & 9B, Class 22



CW THD ROTATABLE

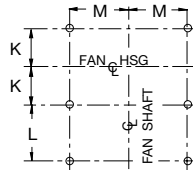


WITH OPTIONAL FLANGED INLET



FOUNDATION PLAN

SIX 'BH' DIA. BASE HOLES



NOTES:

- Outlet flanges are optional. Flanges are punched per drawing R1004926.
- CW rotation is shown. CCW rotation is similar but opposite.
- For 'DBD' (downblast) see drawing R1004904.
- Motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame.
- Optional flanged inlet per drawing R1004927.

FAN SIZE	A	B	BA	BH	C	D		DX	FR		G	GA	GB	GC
						9A	9B		9A	9B				
907	6.81	6.06	1.50 x 1.50	0.44	7.00	18.50	21.50	1.25	184T	215T	14.25	12	12	7.13
909	8.63	7.69	1.50 x 1.50	0.44	9.00	18.50	24.50	1.25	184T	256T	17.75	12	12	8.88
911	10.56	9.44	2.00 x 2.00	0.56	11.00	21.50	25.00	1.50	215T	256T	20.25	10	10	10.13
913	12.44	11.13	2.00 x 2.00	0.56	13.00	21.75	27.75	1.50	215T	286T	23.25	10	10	11.63
915	14.31	12.81	2.50 x 2.50	0.56	15.00	25.25	28.25	1.50	256T	286T	26.25	10	10	13.13
917	16.25	14.50	2.50 x 2.50	0.56	17.00	28.25	32.00	1.50	256T	326T	29.50	10	10	14.75
919	18.06	16.13	2.50 x 2.50	0.56	19.00	31.25	35.50	2.00	286T	365T	31.25	10	10	15.63

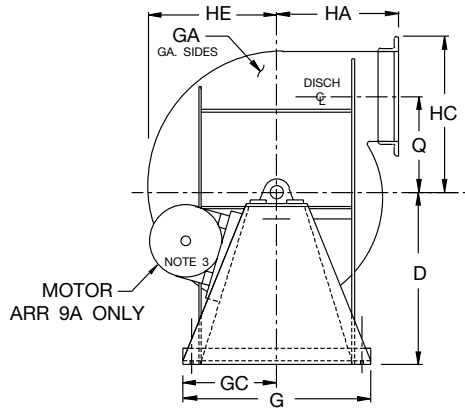
FAN SIZE	H		HA	HB	HC	HD	HE	HF	HG	HH	HJ	HK	HN	J	JA
	9A	9B													
907	24.81	28.44	8.81	14.63	11.81	10.13	9.69	9.25	8.81	8.38	8.31	13.38	10.56	4.69	5.69
909	26.44	34.94	11.13	18.31	14.75	12.94	12.38	11.81	11.25	10.69	10.63	17.06	13.50	5.50	6.50
911	32.81	37.69	13.50	22.25	17.94	15.75	15.06	14.38	13.69	13.00	13.00	20.88	16.44	6.88	8.38
913	34.50	41.75	15.88	26.06	20.94	18.63	17.81	17.00	16.19	15.38	15.38	24.63	19.44	7.69	9.19
915	42.06	44.44	18.25	29.81	23.88	21.44	20.50	19.56	18.63	17.69	17.75	28.38	22.38	9.06	10.06
917	43.75	48.63	20.63	33.63	26.88	24.31	23.25	22.19	21.13	20.06	20.13	32.19	25.38	9.88	10.88
919	47.75	51.75	22.94	37.63	30.25	27.06	25.88	24.69	23.50	22.31	22.44	35.88	28.25	10.69	11.69

FAN SIZE	K	KL	KS	L		M	N	P		Q	SD	SE	WHEEL DIAMETER
				9A	9B			9A	9B				
907	4.06	4.50	0.38 x 0.19	15.19	18.81	6.38	0.63	24.88	28.50	7.19	1.437	4.75	12.25
909	4.88	5.00	0.38 x 0.19	15.19	23.69	8.13	0.63	26.44	34.94	9.19	1.437	5.50	15.63
911	6.00	5.00	0.38 x 0.19	18.81	23.69	9.13	0.88	31.44	36.31	11.19	1.687	5.50	19.13
913	6.81	5.50	0.38 x 0.19	18.88	26.13	10.63	0.88	32.81	40.06	13.25	1.687	6.00	22.63
915	7.94	5.50	0.50 x 0.25	23.69	26.06	11.88	1.13	39.00	41.38	15.25	2.187	6.00	26.13
917	8.75	6.00	0.50 x 0.25	23.75	28.63	13.50	1.13	40.88	45.75	17.25	2.187	7.00	29.63
919	9.56	7.00	0.50 x 0.25	26.13	30.13	14.38	1.13	44.56	48.56	19.25	2.187	7.50	33.00

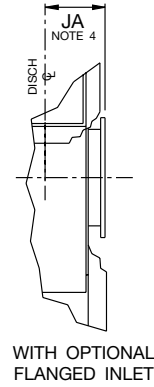
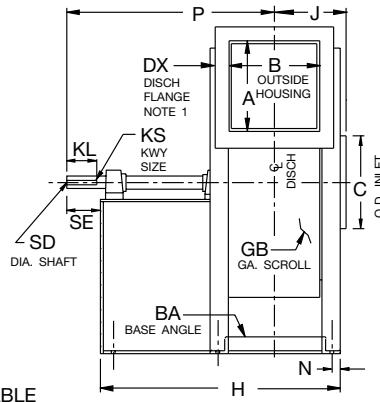
Dimensions are not to be used for construction. Certified drawings are available upon request.

R1004902

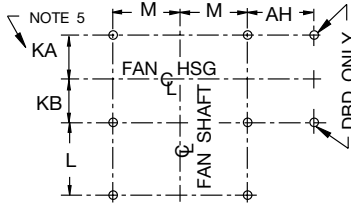
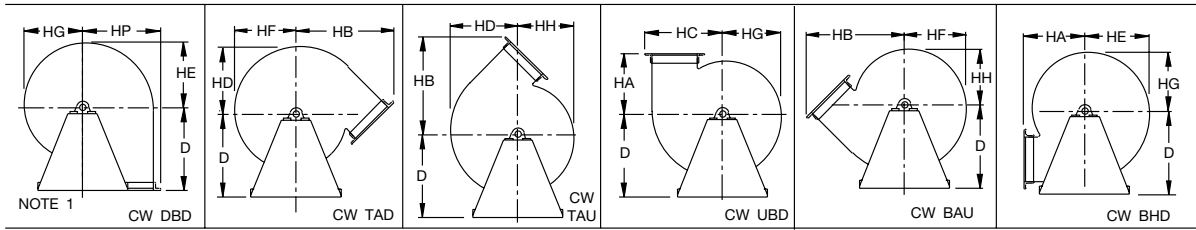
MHO, MHA, & MHW, Arr. 1 & 9A, Class 22



CW THD
NON-ROTATABLE



WITH OPTIONAL
FLANGED INLET



SIX 'BH' DIA. BASE HOLES
(EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

NOTES:

1. Outlet flanges punched per drawing R1004926 except 'DBD' is punched per foundation plan. 'DBD' "punched" outlet is per drawing R1004928.
2. CW rotation is shown. CCW rotation is similar but opposite.
3. Arrangement 9 motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9A.
4. Optional flanged inlet per drawing R1004927.
5. Use dimension 'KB' for 'DBD'.

FAN SIZE	A	AH	B	BA	BH	C	D	DX	FR (9A)	G	GA	GB
921	20.00	15.75	17.81	3.00 x 3.00	0.81	21.00	34.50	2.00	326T	37.25	10	10
923	22.00	17.31	19.63	3.00 x 3.00	0.81	23.00	37.50	2.00	326T	40.25	7	7
926	24.81	19.38	22.13	3.00 x 3.00	0.81	26.00	41.75	2.50	365T	44.75	7	7
929	27.69	21.56	24.63	3.00 x 3.00	0.81	29.00	46.50	2.50	365T	49.75	7	7

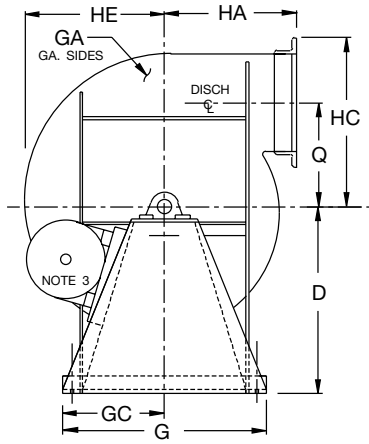
FAN SIZE	GC	H	HA	HB	HC	HD	HE	HF	HG	HH	HP	J	JA
921	18.63	52.88	23.50	40.19	33.25	29.88	28.50	27.13	25.75	24.38	34.25	12.13	13.13
923	20.13	54.69	26.50	44.44	36.31	32.81	31.25	29.75	28.19	26.69	37.31	13.00	14.00
926	22.38	58.69	29.00	49.63	41.13	36.94	35.25	33.56	31.88	30.19	41.63	14.25	15.25
929	24.88	61.19	31.75	54.88	45.81	41.38	39.50	37.56	35.69	33.75	46.31	15.50	16.50

FAN SIZE	KA	KB	KL	KS	L	M	N	P	Q	SD	SE	WHEEL DIAMETER
921	10.75	10.56	7.00	0.63 x 0.31	28.56	17.13	1.38	48.75	21.25	2.437	8.00	36.50
923	11.63	11.44	7.00	0.63 x 0.31	28.63	18.63	1.38	49.69	23.31	2.437	8.00	40.00
926	12.88	12.69	8.00	0.75 x 0.38	30.13	20.88	1.38	53.44	26.25	2.937	9.00	45.13
929	14.13	13.94	8.00	0.88 x 0.44	30.13	23.38	1.38	55.19	29.50	3.437	9.50	50.50

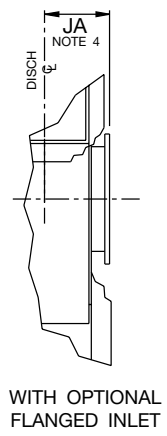
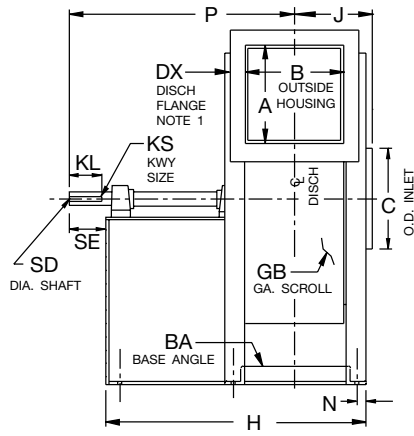
R1004912

Dimensions are not to be used for construction. Certified drawings are available upon request.

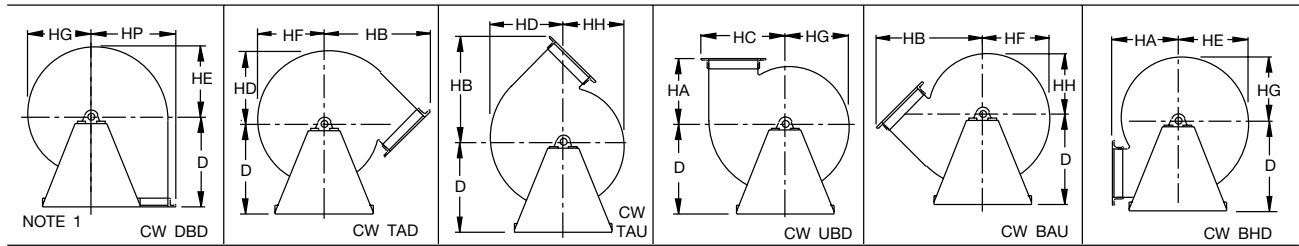
MHO, MHA, & MHW, Arr. 9B, Class 22



CW THD
NON-ROTATABLE



WITH OPTIONAL
FLANGED INLET



NOTE 1

CW DBD

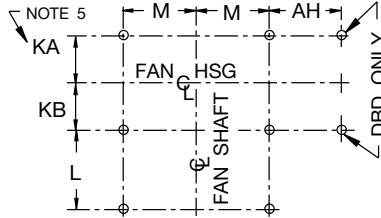
CW TAD

CW TAU

CW UBD

CW BAU

CW BHD



SIX 'BH' DIA. BASE HOLES
(EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

NOTES:

- Outlet flanges punched per drawing R1004926 except angles on 'DBD' punched per foundation plan.
- CW rotation is shown. CCW rotation is similar but opposite.
- Motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9B.
- Optional flanged inlet per drawing R1004927.
- Use dimension 'KB' for 'DBD'.

FAN SIZE	A	AH	B	BA	BH	C	D	DX	FR (9B)	G	GA	GB
921	20.00	15.75	17.81	3.00 x 3.00	0.81	21.00	41.25	2.00	365T	37.25	10	10
923	22.00	17.31	19.63	3.00 x 3.00	0.81	23.00	41.25	2.00	365T	40.25	7	7
926	24.81	19.38	22.13	3.00 x 3.00	0.81	26.00	41.75	2.50	405T	44.75	7	7
929	27.69	21.56	24.63	3.00 x 3.00	0.81	29.00	46.50	2.50	405T	49.75	7	7

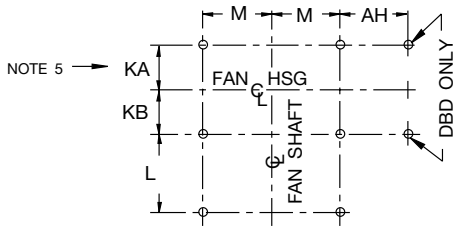
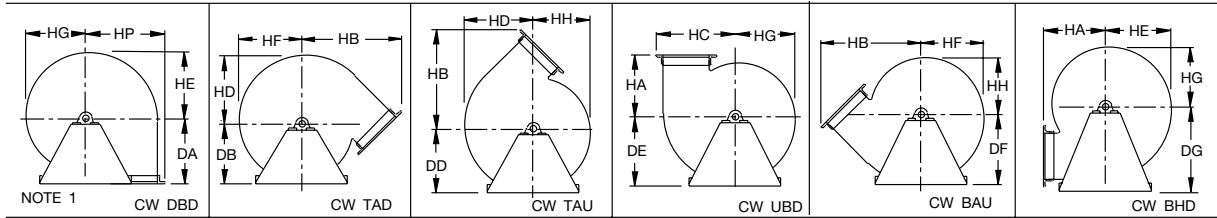
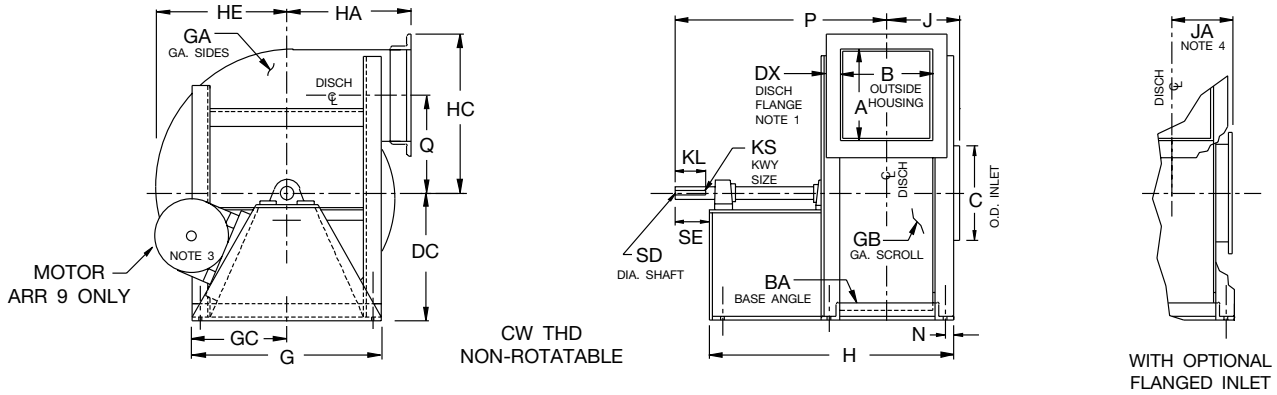
FAN SIZE	GC	H	HA	HB	HC	HD	HE	HF	HG	HH	HP	J	JA
921	18.63	54.38	23.50	40.19	33.25	29.88	28.50	27.13	25.75	24.38	34.25	12.13	13.13
923	20.13	56.19	26.50	44.44	36.31	32.81	31.25	29.75	28.19	26.69	37.31	13.00	14.00
926	22.38	63.69	29.00	49.63	41.13	36.94	35.25	33.56	31.88	30.19	41.63	14.25	15.25
929	24.88	66.19	31.75	54.88	45.81	41.38	39.50	37.56	35.69	33.75	46.31	15.50	16.50

FAN SIZE	KA	KB	KL	KS	L	M	N	P	Q	SD	SE	WHEEL DIAMETER
921	10.75	10.56	7.00	0.63 x 0.31	30.06	17.13	1.38	50.25	21.25	2.437	8.00	36.50
923	11.63	11.44	7.00	0.63 x 0.31	30.13	18.63	1.38	51.19	23.31	2.437	8.00	40.00
926	12.88	12.69	8.00	0.75 x 0.38	35.13	20.88	1.38	58.44	26.25	2.937	9.00	45.13
929	14.13	13.94	8.00	0.88 x 0.44	35.13	23.38	1.38	60.19	29.50	3.437	9.50	50.50

R1004913

Dimensions are not to be used for construction. Certified drawings are available upon request.

MHO, MHA, & MHW, Arr. 1 & 9, Class 22



SIX 'BH' DIA. BASE HOLES (EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

- NOTES:**
1. Outlet flanges punched per drawing R1004926 except 'DBD' is punched per foundation plan. 'DBD' "punched" outlet is per drawing R1004928.
 2. CW rotation is shown. CCW rotation is similar but opposite.
 3. Arr. 9 motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9.
 4. Optional flanged inlet per drawing R1004927.
 5. Use dimension 'KB' for 'DBD'.

FAN SIZE	A	AH	B	BA	BH	C	DA	DB	DC	DD	DE	DF	DG	DX
933	31.50	25.88	28.00	3.00 x 4.00	0.81	33.00	43.00	43.00	43.00	45.00	47.00	49.50	52.50	2.50
937	35.19	28.75	31.50	3.00 x 4.00	0.81	37.00	47.88	47.88	47.88	50.50	53.00	55.75	58.50	2.50
941	38.94	32.63	34.81	3.50 x 5.00	0.81	41.00	52.75	52.75	52.75	55.25	58.25	61.00	64.25	2.50
945	42.75	35.50	38.19	4.00 x 6.00	0.81	45.00	59.00	59.00	59.00	62.00	65.00	68.00	72.00	3.00
949	46.63	34.88	41.50	4.00 x 6.00	0.81	49.00	64.00	64.00	64.00	67.00	69.75	74.00	80.00	3.00
954	51.13	37.69	45.50	4.00 x 6.00	0.81	54.63	70.25	70.25	70.25	73.50	77.00	81.00	86.00	3.00
960	57.00	41.94	50.75	4.00 x 6.00	0.81	60.63	78.00	78.00	78.00	81.75	85.50	90.00	96.00	3.00

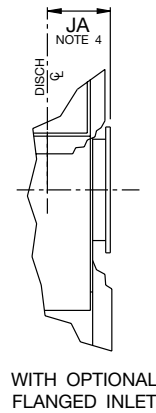
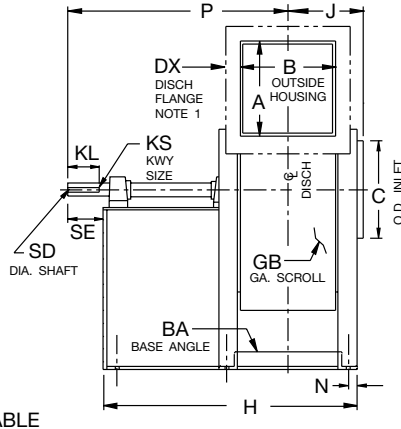
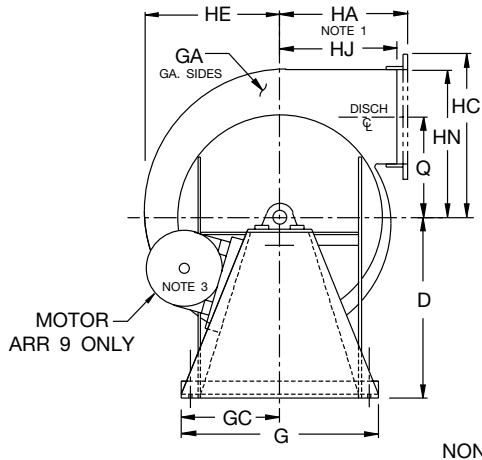
FAN SIZE	FR (ARR. 9)	G	GA	GB	GC	H	HA	HB	HC	HD	HE	HF	HG	HH	HP
933	405T	54.00	0.19	0.19	27.00	71.63	36.50	62.44	51.75	47.06	44.88	42.69	40.50	38.31	53.25
937	405T	60.00	0.25	0.19	30.00	75.13	40.75	69.56	57.63	52.69	50.25	47.81	45.38	42.94	59.13
941	405T	65.50	0.25	0.19	32.75	80.44	48.50	79.25	63.50	58.31	55.63	52.94	50.25	47.56	66.00
945	405T	73.00	0.25	0.19	36.50	85.81	49.81	84.69	69.88	63.94	61.00	58.06	55.13	52.19	72.88
949	405T	86.50	0.25	0.25	43.25	89.13	54.25	92.13	76.00	69.75	66.56	63.31	60.13	56.88	79.00
954	405T	94.50	0.31	0.31	47.25	93.19	59.25	100.50	82.81	76.31	72.81	69.31	65.81	62.31	85.81
960	405T	104.88	0.31	0.31	52.44	98.44	66.19	112.06	92.25	85.31	81.38	77.44	73.50	69.56	95.25

FAN SIZE	J	JA	KA	KB	KL	KS	L	M	N	P	Q	SD	SE	WHEEL DIAMETER
933	18.25	19.25	16.38	16.13	8.00	0.88 x 0.44	35.13	25.50	1.88	63.13	33.50	3.44	9.50	57.50
937	20.00	21.00	18.13	17.88	8.00	0.88 x 0.44	35.13	28.50	1.88	64.88	37.56	3.44	9.50	64.38
941	22.69	23.69	20.31	20.06	8.00	1.00 x 0.50	35.06	31.00	2.38	67.50	41.56	3.94	9.50	71.25
945	25.38	26.38	22.50	22.25	8.00	1.00 x 0.50	35.06	34.50	2.88	70.19	45.56	3.94	9.50	78.25
949	27.00	28.00	24.13	23.88	8.00	1.00 x 0.50	35.13	41.25	2.88	71.88	49.69	4.44	9.50	85.25
954	29.06	30.06	26.19	25.88	8.00	1.25 x 0.63	35.13	45.25	2.88	73.94	54.25	5.44	9.50	93.75
960	31.69	32.69	28.81	28.50	8.00	1.50 x 0.75	35.13	50.44	2.88	76.56	60.75	5.94	9.50	104.25

Dimensions are not to be used for construction. Certified drawings are available upon request.

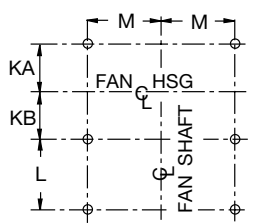
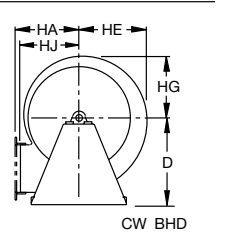
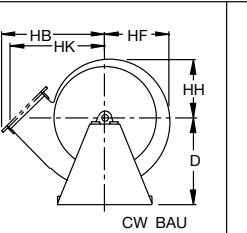
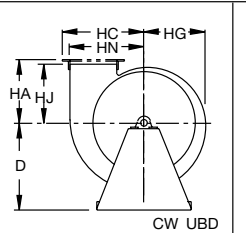
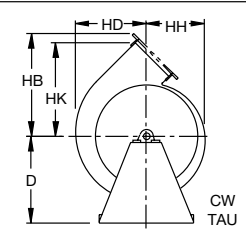
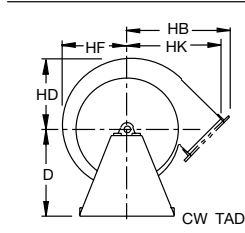
R1004919

MHO, MHA, & MHW, Arr. 1 & 9, Class 32



CW THD
NON-ROTATABLE

WITH OPTIONAL
FLANGED INLET



SIX 'BH' DIA. BASE HOLES
(EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

NOTES:

- Outlet flanges are optional. Flanges are punched per drawing R1004930.
- CW rotation is shown. CCW rotation is similar but opposite.
- Arr. 9 motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9.
- Optional flanged inlet per drawing R1004927.
- For 'DBD' (downblast) see drawing R1004908 .

FAN SIZE	A	B	BA	BH	C	D		DX	FR (ARR. 9)	G	GA	GB	GC
						ARR. 1	ARR. 9						
911	10.69	9.56	2.00 x 2.00	0.56	11.00	18.75	27.75	1.50	256T	20.25	7	7	10.13
913	12.56	11.25	2.00 x 2.00	0.56	13.00	21.75	32.00	1.50	286T	23.25	7	7	11.63
915	14.44	12.94	2.50 x 2.50	0.56	15.00	25.25	32.00	1.50	286T	26.25	7	7	13.13
917	16.38	14.63	2.50 x 2.50	0.81	17.00	28.25	36.00	1.50	326T	29.50	7	7	14.75
919	18.19	16.25	2.50 x 2.50	0.81	19.00	31.25	41.25	2.00	365T	31.25	7	7	15.63

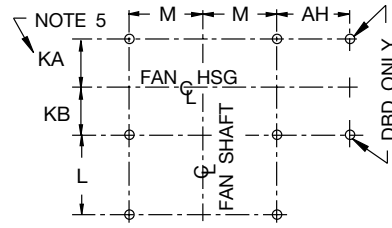
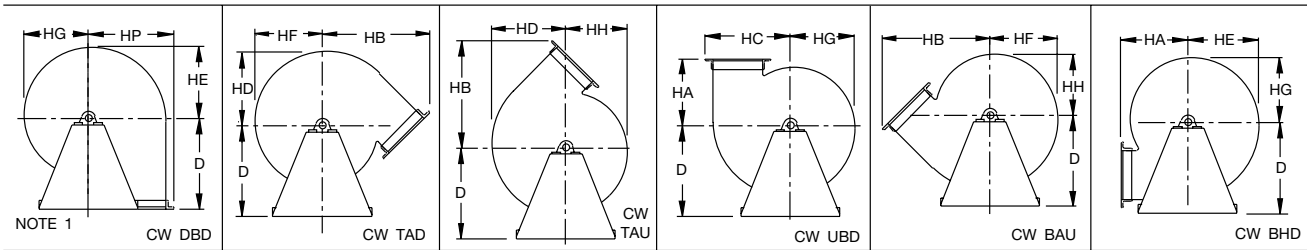
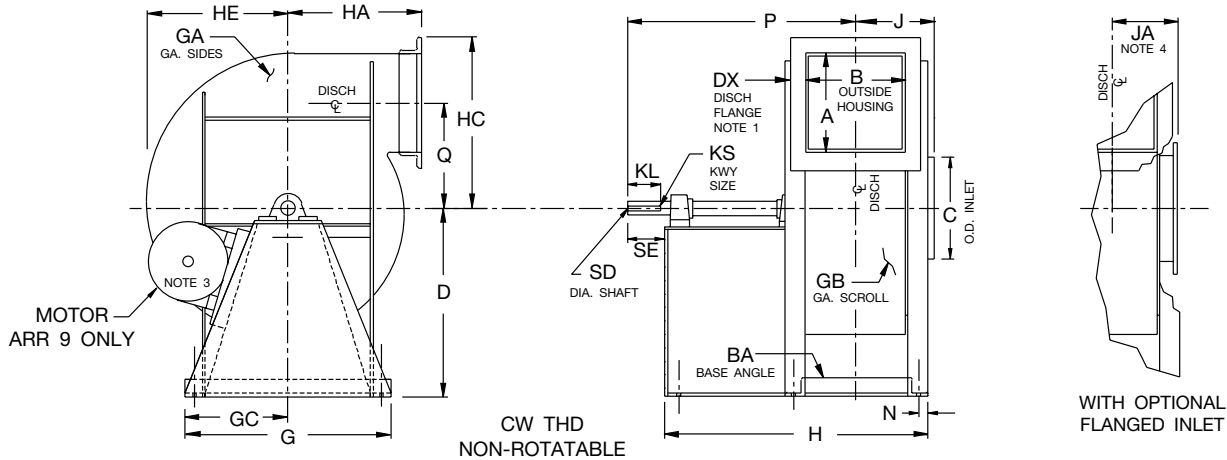
FAN SIZE	H		HA	HB	HC	HD	HE	HF	HG	HH	HJ	HK	HN	J	JA
	ARR. 1	ARR. 9													
911	28.44	40.31	13.50	22.31	18.00	15.81	15.13	14.44	13.75	13.06	13.00	20.88	16.50	7.00	8.50
913	31.38	43.75	15.88	26.13	21.00	18.69	17.88	17.06	16.25	15.44	15.38	24.69	19.50	7.81	9.31
915	38.31	47.19	18.25	29.88	23.94	21.50	20.56	19.63	18.69	17.75	17.75	28.44	22.44	9.19	10.19
917	42.00	50.38	20.63	33.69	26.94	24.38	23.31	22.25	21.19	20.13	20.13	32.25	25.44	10.00	11.00
919	46.13	57.50	22.94	37.69	30.31	27.13	25.94	24.75	23.56	22.38	22.44	35.94	28.31	10.81	11.81

FAN SIZE	K	KL	KS	L		M	N	P		Q	SD	SE	WHEEL DIAMETER
				ARR. 1	ARR. 9			ARR. 1	ARR. 9				
911	6.13	5.38	0.50 x 0.25	14.19	26.06	9.13	0.88	27.44	39.31	11.19	1.94	6.00	19.13
913	6.94	6.00	0.50 x 0.25	15.50	27.88	10.63	0.88	30.31	42.69	13.25	1.94	6.75	22.63
915	8.06	6.00	0.63 x 0.31	19.69	28.56	11.88	1.13	35.88	44.75	15.25	2.44	6.75	26.13
917	8.88	6.63	0.63 x 0.31	21.75	30.13	13.50	1.13	39.63	48.00	17.25	2.44	7.63	29.63
919	9.69	8.00	0.75 x 0.38	24.25	35.63	14.38	1.13	44.44	55.81	19.25	2.94	9.13	33.00

R1004906

Dimensions are not to be used for construction. Certified drawings are available upon request.

MHA, MHO, MHP, & MHW, Arr. 1 & 9, Class 32



SIX 'BH' DIA. BASE HOLES
(EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

NOTES:

1. Outlet flanges punched per drawing R1004930 except 'DBD' is punched per foundation plan. 'DBD' "punched" outlet is per drawing R1004931.
2. CW rotation is shown. CCW rotation is similar but opposite.
3. Arr. 9 motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9.
4. Optional flanged inlet per drawing R1004927.
5. Use dimension 'KB' for 'DBD'.

FAN SIZE	A	AH	B	BA	BH	C	D		DX	FR (ARR. 9)	G	GA	GB
							ARR. 1	ARR. 9					
921	20.13	15.81	17.94	3.00 x 3.00	0.81	21.00	34.50	41.25	2.00	365T	37.25	7	7
923	22.00	17.31	19.75	3.00 x 3.00	0.81	23.00	37.50	41.25	2.00	365T	40.25	0.25	7
926	24.94	19.44	22.25	3.00 x 3.00	0.81	26.00	41.75	41.75	2.50	405T	44.75	0.25	0.25
929	27.81	21.63	24.75	3.00 x 3.00	0.81	29.00	46.50	46.50	2.50	405T	49.75	0.25	0.25

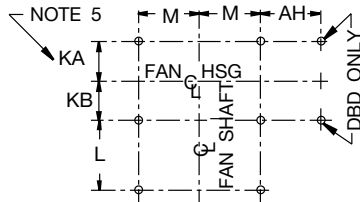
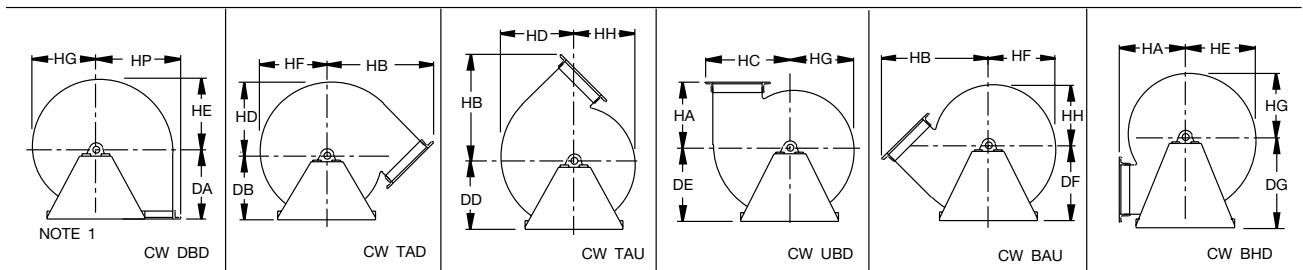
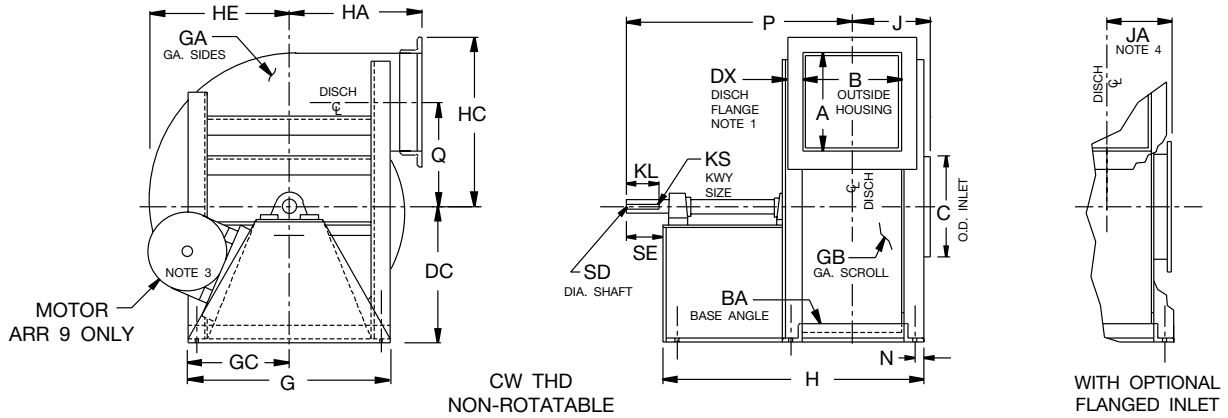
FAN SIZE	GC	H		HA	HB	HC	HD	HE	HF	HG	HH	HP	J	JA	KA
		ARR. 1	ARR. 9												
921	18.63	49.63	60.00	23.50	40.19	33.31	29.94	28.56	27.19	25.81	24.44	34.31	12.19	13.19	10.81
923	20.13	53.00	61.88	26.50	44.44	36.31	32.81	31.25	29.75	28.19	26.69	37.31	13.13	14.13	11.75
926	22.38	56.50	64.38	29.00	49.69	41.19	37.00	35.31	33.63	31.94	30.25	41.69	14.38	15.38	13.00
929	24.88	60.00	66.88	31.75	54.94	45.88	41.44	39.56	37.63	35.75	33.81	46.38	15.63	16.63	14.25

FAN SIZE	K	KL	KS	L		M	N	P		Q	SD	SE	WHEEL DIAMETER
				ARR. 1	ARR. 9			ARR. 1	ARR. 9				
921	10.63	8.00	0.75 x 0.38	25.19	35.56	17.13	1.38	46.56	56.94	21.25	2.937	9.13	36.50
923	11.50	8.00	0.88 x 0.44	26.75	35.63	18.63	1.38	49.13	58.00	23.31	3.437	9.25	40.00
926	12.75	8.00	0.88 x 0.44	27.75	35.63	20.88	1.38	51.38	59.25	26.19	3.437	9.25	45.13
929	14.00	8.00	1.00 x 0.50	28.75	35.63	23.38	1.38	53.75	60.63	29.50	3.937	9.38	50.50

R1004915

Dimensions are not to be used for construction. Certified drawings are available upon request.

MHA, MHR, & MHW, Arr. 1 & 9, Class 32



SIX 'BH' DIA. BASE HOLES
(EIGHT HOLES ON 'DBD')
FOUNDATION PLAN

NOTES:

1. Outlet flanges punched per drawing R1004930 except 'DBD' is punched per foundation plan. 'DBD' "punched" outlet is per drawing R1004931.
2. CW rotation is shown. CCW rotation is similar but opposite.
3. Arr. 9 motor location is 'left' for 'CW' rotation and 'right' for 'CCW' rotation. Dimension 'FR' is Max. Motor Frame on Arr. 9
4. Optional flanged inlet per drawing R1004927.
5. Use dimension 'KB' for 'DBD'.

FAN SIZE	A	AH	B	BA	BH	C	DA	DB	DC	DD	DE	DF	DG	DX
933	31.63	25.94	28.13	3.00 x 4.00	0.81	33.00	43.00	43.00	43.00	45.00	47.00	49.50	52.50	2.50
937	35.31	28.81	31.50	3.00 x 4.00	0.81	37.00	47.88	47.88	47.88	50.50	53.00	55.75	58.50	2.50
941	39.06	32.69	34.81	3.50 x 5.00	0.81	41.00	52.75	52.75	52.75	55.25	58.25	61.00	64.25	2.50
945	42.88	35.56	38.19	4.00 x 6.00	0.81	45.00	59.00	59.00	59.00	62.00	65.00	68.00	72.00	3.00
949	46.63	34.88	41.50	4.00 x 6.00	0.81	49.00	64.00	64.00	64.00	67.00	69.75	74.00	80.00	3.00

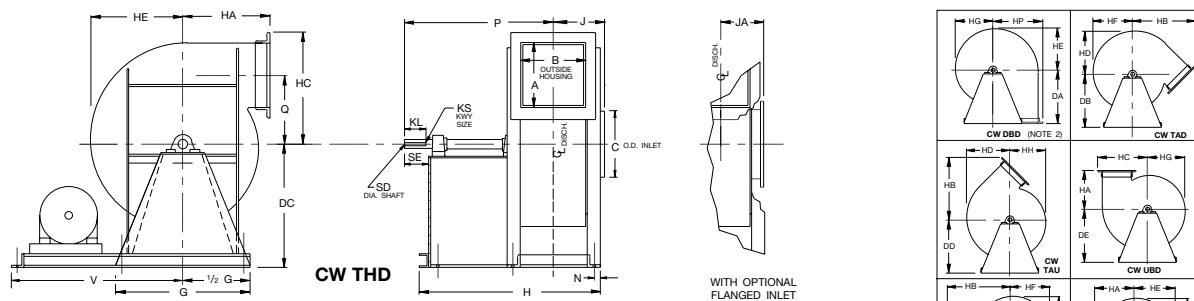
FAN SIZE	FR (ARR. 9)	G	GA	GB	H	HA	HB	HC	HD	HE	HF	HG	HH	HP
933	405T	54.00	0.25	0.25	71.75	36.50	62.50	51.81	47.13	44.94	42.75	40.56	38.38	53.31
937	405T	60.00	0.25	0.25	75.13	40.75	69.63	57.69	52.75	50.31	47.88	45.44	43.00	59.19
941	405T	65.50	0.25	0.25	80.50	48.50	79.25	63.56	58.38	55.69	53.00	50.31	47.63	66.06
945	405T	73.00	0.25	0.25	85.88	49.81	84.69	69.94	64.00	61.06	58.13	55.19	52.25	72.94
949	405T	86.50	0.25	0.25	89.13	54.25	92.13	76.00	69.75	66.56	63.31	60.13	56.88	79.00

FAN SIZE	J	JA	KA	KB	KS	L	M	N	P	Q	SD	SE	WHEEL DIAMETER
933	18.31	19.31	16.44	16.19	1.00 x 0.50	35.13	25.50	1.88	62.81	33.50	3.937	9.38	57.50
937	20.00	21.00	18.13	17.88	1.25 x 0.63	35.13	28.50	1.88	64.63	37.56	4.937	9.50	64.38
941	22.75	23.75	20.31	20.06	1.25 x 0.63	35.13	31.00	2.38	67.31	41.56	4.937	9.50	71.25
945	25.44	26.44	22.50	22.25	1.25 x 0.63	35.13	34.50	2.88	70.00	45.56	4.937	9.50	78.25
949	27.06	28.06	24.13	23.88	1.25 x 0.63	35.13	41.25	2.88	71.63	49.69	5.437	9.50	85.25

R1004921

Dimensions are not to be used for construction. Certified drawings are available upon request.

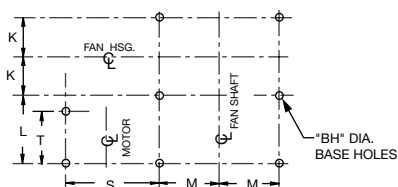
Arr. 9F, Class 32



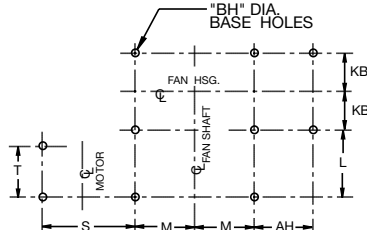
NOTES:

1. Clockwise (CW) rotation shown. Counterclockwise (CCW) rotation is similar but opposite.
2. Sizes 911 through 919 are rotatable. Sizes 921 through 949 are non-rotatable.
3. Optional flanged inlet is shown. See page 38 for dimensional data.
4. Punched outlet flange is optional on sizes 911 through 919 and standard on sizes 921 through 949. See page 38 for dimensional data.
5. Standard Arr. 9F motor location is on the left for CW rotation units, and on the right for CCW rotation units (unless otherwise specified.)
6. Use dimension KB in place of KA for DBD.

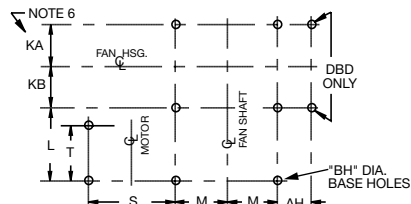
**SIZES 911 - 919
(ALL DISCHARGES EXCEPT DBD)**



**SIZES 911 - 919
(DBD ONLY)**



**SIZES 921 - 949
(ALL DISCHARGES)**



FAN SIZE	A	AH	B	BH	C	DA	DB	DC	DD	DE	DF	DG	G	H		HA
	DBD		OTHERS													
911	10.69	8.50	9.56	0.56	11.00	18.75	18.75	18.75	18.75	18.75	18.75	18.75	20.25	38.56	38.94	13.50
913	12.56	10.00	11.25	0.56	13.00	21.75	21.75	21.75	21.75	21.75	21.75	21.75	23.25	42.69	43.06	15.88
915	14.44	11.94	12.94	0.56	15.00	25.25	25.25	25.25	25.25	25.25	25.25	25.25	26.25	45.44	45.81	18.25
917	16.38	13.31	14.63	0.81	17.00	28.25	28.25	28.25	28.25	28.25	28.25	28.25	29.50	48.69	49.06	20.63
919	18.19	15.31	16.25	0.81	19.00	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	57.56	57.94	22.94
921	20.13	15.81	17.94	0.81	21.00	34.50	34.50	34.50	34.50	34.50	34.50	34.50	37.25	60.50	60.50	23.50
923	22.00	17.31	19.75	0.81	23.00	37.50	37.50	37.50	37.50	37.50	37.50	37.50	40.25	67.94	67.94	26.50
926	24.94	19.44	22.25	0.81	26.00	41.75	41.75	41.75	41.75	41.75	41.75	41.75	44.75	70.44	70.44	29.00
929	27.81	21.63	24.75	0.81	29.00	46.50	46.50	46.50	46.50	46.50	46.50	46.50	49.75	72.94	72.94	31.75
933	31.63	25.94	28.13	0.81	33.00	43.00	43.00	43.00	45.00	47.00	49.50	52.50	54.00	78.31	78.31	36.50
937	35.31	28.81	31.50	0.81	37.00	47.88	47.88	47.88	50.50	53.00	55.75	58.50	60.00	81.69	81.69	40.75
941	39.06	32.69	34.81	0.81	41.00	52.75	52.75	52.75	55.25	58.25	61.00	64.25	65.50	90.44	90.44	48.50
945	42.88	35.56	38.19	0.81	45.00	59.00	59.00	59.00	62.00	65.00	68.00	72.00	73.00	94.81	94.81	49.81
949	46.63	34.88	41.50	0.81	49.00	64.00	64.00	64.00	67.00	69.75	74.00	80.00	86.50	98.06	98.06	54.25

FAN SIZE	HB	HC	HD	HE	HF	HG	HH	HP	J	JA	K	KA	KB	KL	KS
911	22.31	18.00	15.81	15.13	14.44	13.75	13.06	18.50	7.00	8.50	6.13	—	—	5.38	0.50 x 0.25
913	26.13	21.00	18.69	17.88	17.06	16.25	15.44	21.50	7.81	9.31	6.94	—	—	6.00	0.50 x 0.25
915	29.88	23.94	21.50	20.56	19.63	18.69	17.75	24.94	9.19	10.19	8.06	—	—	6.00	0.63 x 0.31
917	33.69	26.94	24.38	23.31	22.25	21.19	20.13	27.94	10.00	11.00	8.88	—	—	6.63	0.63 x 0.31
919	37.69	30.31	27.13	25.94	24.75	23.56	22.38	30.81	10.81	11.81	9.69	—	—	8.00	0.75 x 0.38
921	40.19	33.31	29.94	28.56	27.19	25.81	24.44	34.31	12.19	13.19	—	10.81	10.63	8.00	0.75 x 0.38
923	44.44	36.31	32.81	31.25	29.75	28.19	26.69	37.31	13.13	14.13	—	11.75	11.50	9.25	0.88 x 0.44
926	49.63	41.19	37.00	35.31	33.63	31.94	30.25	41.69	14.38	15.38	—	13.00	12.75	9.25	0.88 x 0.44
929	54.88	45.88	41.44	39.56	37.63	35.75	33.81	46.38	15.63	16.63	—	14.25	14.00	9.25	1.00 x 0.50
933	62.44	51.81	47.13	44.94	42.75	40.56	38.38	53.31	18.31	19.31	—	16.44	16.19	9.25	1.00 x 0.50
937	69.63	57.69	52.75	50.31	47.88	45.44	43.00	59.19	20.00	21.00	—	18.13	17.88	9.25	1.25 x 0.63
941	79.25	63.56	58.38	55.69	53.00	50.25	47.63	66.06	22.75	23.75	—	20.31	20.06	9.25	1.25 x 0.63
945	84.75	70.00	64.00	61.06	58.13	55.19	52.25	73.00	25.44	26.44	—	22.50	22.25	9.25	1.25 x 0.63
949	92.13	76.00	69.75	66.56	63.31	60.13	56.88	79.00	27.06	28.06	—	24.13	23.88	9.25	1.25 x 0.63

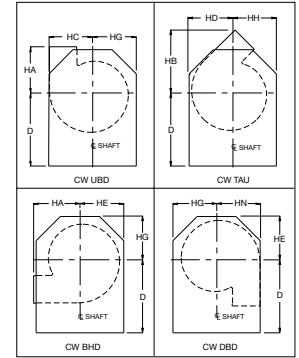
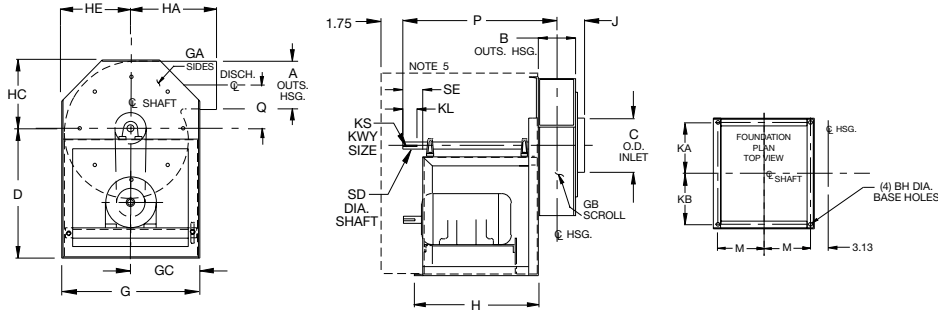
FAN SIZE	L		M	N	P		Q	S	SD	SE	T		V		MAX. MOTOR FRAME SIZE
	DBD	OTHERS			DBD	OTHERS					DBD	OTHERS	DBD	OTHERS	
911	23.25	23.38	9.13	0.88	36.44	36.63	11.19	30.50	1.94	6.00	21.00	21.13	41.00	41.00	286T
913	25.75	25.75	10.63	0.88	40.38	40.56	13.25	34.75	1.94	6.75	23.50	23.50	46.75	46.75	326T
915	25.75	25.75	11.88	1.13	41.75	41.94	15.25	35.00	2.44	6.75	23.25	23.25	48.25	48.25	326T
917	27.38	27.38	13.50	1.13	45.06	45.25	17.25	39.13	2.44	7.63	24.88	24.88	54.00	54.00	365T
919	34.50	34.50	14.38	1.13	54.50	54.69	19.25	44.25	2.94	9.13	32.00	32.00	60.00	60.00	405T
921	34.50	34.50	17.13	1.38	55.88	55.88	21.25	44.50	2.94	9.13	31.75	31.75	63.00	63.00	405T
923	40.13	40.13	18.63	1.38	63.75	63.75	23.31	48.00	3.44	10.50	37.38	37.38	68.00	68.00	445T
926	40.13	40.13	20.88	1.38	65.00	65.00	26.25	48.00	3.44	10.50	37.38	37.38	70.25	70.25	445T
929	40.13	40.13	23.38	1.38	66.38	66.38	29.50	48.00	3.94	10.63	37.38	37.38	72.75	72.75	445T
933	40.13	40.13	25.50	1.88	69.06	69.06	33.50	48.00	3.94	10.63	36.88	36.88	74.88	74.88	445T
937	40.13	40.13	28.50	1.88	70.88	70.88	37.56	48.00	4.94	10.75	36.88	36.88	77.88	77.88	445T
941	43.50	43.50	31.00	2.38	76.94	76.94	41.56	48.25	4.94	10.75	39.75	39.75	80.63	80.63	445T
945	42.50	42.50	34.50	2.88	78.63	78.63	45.50	48.50	4.94	10.75	38.25	38.25	84.38	84.38	445T
949	42.50	42.5	41.25	2.88	80.25	80.25	49.63	48.50	5.44	10.75	38.25	38.25	91.13	91.13	445T

R1004908 R1004907 R1004916 R1004922

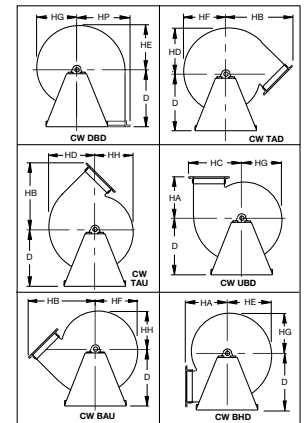
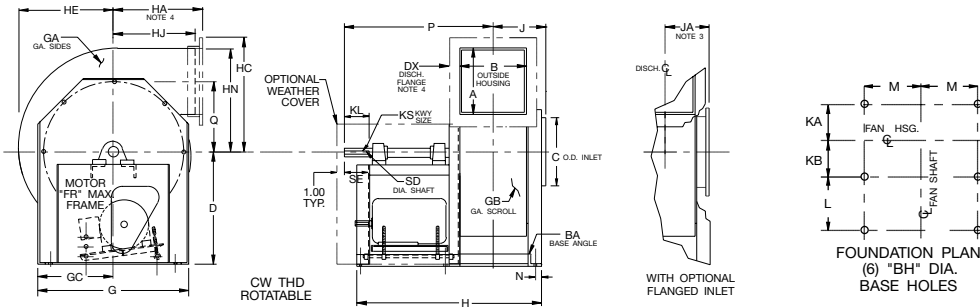
DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION. CERTIFIED DRAWINGS AVAILABLE ON REQUEST.

Arrangement 10

Size 905



Sizes 907 - 919



NOTES:

1. Clockwise (CW) rotation shown, counterclockwise (CCW) rotation is similar but opposite.
2. All sizes are rotatable.
3. Optional flanged inlet shown on sizes 907 through 919. An optional flanged inlet is available on all Arrangement 10 sizes, including size 905. See page 38 for dimensional data.
4. Punched outlet flange is optional on all sizes. See page 38 for dimensional data.
5. Weather cover is optional.
6. All Arrangement 10 fans are available as Class 22 only.

FAN SIZE	A	B	BH	C	D	G	GC	H	HA	HB	HC	HD	HE	HF	HG	HH
905	4.88	4.50	0.44	5.00	14.50	16.00	8.00	13.38	9.00	11.75	8.00	8.00	8.00	—	8.00	8.00
907	6.81	6.06	0.44	7.00	17.63	16.00	8.00	28.63	9.56	15.13	11.81	10.13	9.69	9.25	8.81	8.38
909	8.63	7.69	0.44	9.00	19.38	19.00	9.50	32.00	11.13	18.31	14.75	12.94	12.38	11.81	11.25	10.69
911	10.56	9.44	0.56	11.00	21.88	25.00	12.50	39.00	14.25	22.75	17.94	15.75	15.06	14.38	13.69	13.00
913	12.44	11.13	0.56	13.25	25.50	27.25	13.63	40.69	15.88	26.06	20.94	18.63	17.81	17.00	16.19	15.38
915	14.31	12.81	0.56	15.25	30.50	33.00	16.50	45.13	18.25	29.81	23.88	21.50	20.50	19.56	18.63	17.69
917	16.25	14.50	0.56	17.25	27.50	36.13	18.06	46.81	20.63	33.63	26.88	24.31	23.25	22.19	21.13	20.06
919	18.06	16.13	0.56	19.25	30.00	38.88	19.44	51.94	22.94	37.63	30.25	27.06	25.88	24.69	23.50	22.31

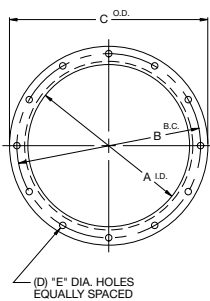
FAN SIZE	HN	J	JA	KA	KB	KL	KS	L	M	N	P	Q	SD	SE	MAX. MTR.
905	8.00	3.88	—	6.75	6.75	2.00	0.25 x 0.13	—	6.00	—	17.13	5.13	1.00	2.75	145T
907	10.56	4.69	5.69	4.06	4.94	2.00	0.38 x 0.19	18.50	7.31	0.63	24.81	7.19	1.44	2.75	184T
909	13.50	5.50	6.50	4.88	5.75	2.63	0.38 x 0.19	20.25	8.81	0.63	28.06	9.19	1.44	3.38	215T
911	16.44	6.88	8.38	6.00	6.75	3.25	0.38 x 0.19	24.75	10.88	0.88	34.25	11.19	1.69	4.00	256T
913	19.44	7.69	9.19	6.81	8.19	3.25	0.38 x 0.19	23.88	11.13	0.88	35.13	13.25	1.69	4.00	256T
915	22.38	9.06	10.06	7.94	9.06	3.63	0.50 x 0.25	26.13	12.13	1.13	38.88	15.25	2.19	4.63	286T
917	25.38	9.88	10.88	8.75	10.44	3.63	0.50 x 0.25	25.38	12.38	1.13	39.81	17.25	2.19	4.63	286T
919	28.25	10.69	11.69	9.56	11.25	4.50	0.50 x 0.25	28.88	14.13	1.13	44.75	19.25	2.19	5.25	326T

R1004925

DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION. CERTIFIED DRAWINGS AVAILABLE ON REQUEST.

Inlet & Outlet Flanges

Inlet Flange

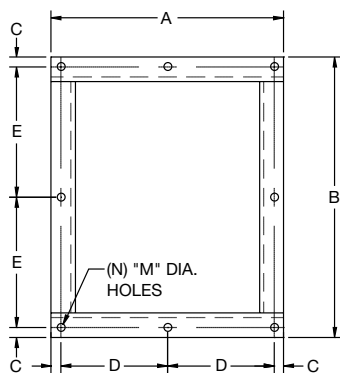


FAN SIZE	A	B	C	D	E
905	5.06	6.31	7.06	6	0.28
907	7.13	8.50	9.38	6	0.38
909	9.13	10.63	11.63	6	0.44
911	11.13	12.75	13.88	6	0.44
913	13.13	14.81	16.06	12	0.44
915	15.13	16.81	18.06	12	0.44
917	17.13	18.81	20.19	12	0.44
919	19.13	20.81	22.19	12	0.44
921	21.13	22.81	24.19	16	0.56
923	23.13	24.81	26.19	16	0.56

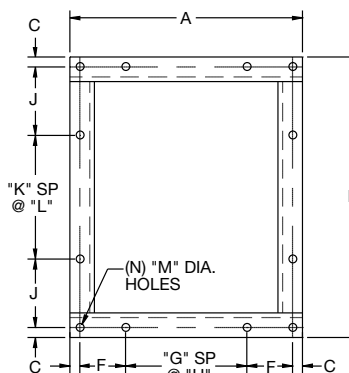
FAN SIZE	A	B	C	D	E
926	26.13	28.50	30.13	16	0.56
929	29.13	31.50	33.13	16	0.56
933	33.13	35.50	37.13	24	0.56
937	37.13	39.50	41.13	24	0.56
941	41.13	43.50	45.13	32	0.56
945	45.13	47.50	49.13	32	0.56
949	49.13	51.50	53.13	32	0.56
954	54.63	57.38	59.63	32	0.81
960	60.63	63.38	65.63	32	0.81

R1004927

Outlet Flange



SIZES 905 - 917



SIZES 919 - 960

Class 22

FAN SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	ANGLE SIZE
905	7.00	7.38	0.50	—	—	—	—	—	—	—	—	0.38	4	1.25 x 1.25
907	8.56	9.31	0.50	—	—	—	—	—	—	—	—	0.38	4	1.25 x 1.25
909	10.19	11.13	0.50	4.59	5.06	—	—	—	—	—	—	0.38	8	1.25 x 1.25
911	12.44	13.56	0.63	5.59	6.16	—	—	—	—	—	—	0.44	8	1.50 x 1.50
913	14.13	15.44	0.63	6.44	7.09	—	—	—	—	—	—	0.44	8	1.50 x 1.50
915	15.81	17.31	0.63	7.28	8.03	—	—	—	—	—	—	0.44	8	1.50 x 1.50
917	17.50	19.25	0.63	8.13	9.00	—	—	—	—	—	—	0.44	8	1.50 x 1.50
919	20.13	22.06	0.88	—	—	6.13	1	6.13	6.66	1	7.00	0.56	12	2.00 x 2.00
921	21.81	24.00	0.88	—	—	6.69	1	6.69	7.44	1	7.38	0.56	12	2.00 x 2.00
923	23.63	26.00	0.88	—	—	7.31	1	7.25	8.06	1	8.13	0.56	12	2.00 x 2.00
926	27.13	29.81	1.13	—	—	8.31	1	8.25	6.91	2	6.88	0.56	14	2.50 x 2.50
929	29.63	32.69	1.13	—	—	9.13	1	9.13	7.59	2	7.63	0.56	14	2.50 x 2.50
933	33.00	36.50	1.13	—	—	7.69	2	7.69	8.63	2	8.50	0.56	16	2.50 x 2.50
937	36.50	40.19	1.13	—	—	8.56	2	8.56	9.47	2	9.50	0.56	16	2.50 x 2.50
941	39.81	43.94	1.13	—	—	9.41	2	9.38	11.09	2	9.75	0.56	16	2.50 x 2.50
945	44.19	48.75	1.38	—	—	8.34	3	8.25	10.25	3	8.50	0.56	20	3.00 x 3.00
949	47.50	52.63	1.38	—	—	8.88	3	9.00	10.69	3	9.50	0.56	20	3.00 x 3.00
954	51.50	57.13	1.38	—	—	9.75	3	9.75	9.19	4	9.00	0.56	22	3.00 x 3.00
960	56.75	63.00	1.38	—	—	10.88	3	10.75	10.13	4	10.00	0.56	22	3.00 x 3.00

R1004926

Class 32

FAN SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	ANGLE SIZE
911	12.56	13.69	0.63	5.66	6.22	—	—	—	—	—	—	0.44	8	1.50 x 1.50
913	14.25	15.56	0.63	6.50	7.16	—	—	—	—	—	—	0.44	8	1.50 x 1.50
915	15.94	17.44	0.63	7.34	8.09	—	—	—	—	—	—	0.44	8	1.50 x 1.50
917	17.63	19.38	0.63	8.19	9.06	—	—	—	—	—	—	0.44	8	1.50 x 1.50
919	20.25	22.19	0.88	—	—	6.19	1	6.13	6.66	1	7.13	0.56	12	2.00 x 2.00
921	21.94	24.13	0.88	—	—	6.72	1	6.75	7.44	1	7.50	0.56	12	2.00 x 2.00
923	23.75	26.00	0.88	—	—	7.31	1	7.38	8.06	1	8.13	0.56	12	2.00 x 2.00
926	27.25	29.94	1.13	—	—	8.31	1	8.38	6.91	2	6.94	0.56	14	2.50 x 2.50
929	29.75	32.81	1.13	—	—	9.13	1	9.25	7.66	2	7.63	0.56	14	2.50 x 2.50
933	33.13	36.63	1.13	—	—	7.69	2	7.75	8.63	2	8.56	0.56	16	2.50 x 2.50
937	36.50	40.31	1.13	—	—	8.56	2	8.56	9.53	2	9.50	0.56	16	2.50 x 2.50
941	39.81	44.06	1.13	—	—	9.28	2	9.50	11.16	2	9.75	0.56	16	2.50 x 2.50
945	44.19	48.88	1.38	—	—	8.25	3	8.31	9.94	3	8.75	0.56	20	3.00 x 3.00
949	47.50	52.63	1.38	—	—	8.88	3	9.00	9.94	3	10.00	0.56	20	3.00 x 3.00

R1004930

DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION. CERTIFIED DRAWINGS AVAILABLE UPON REQUEST.

Fans shall be Model MHO/MHR/MHW/MHA/MHP Industrial Fans, as manufactured by Aerovent, Minneapolis, Minnesota.

PERFORMANCE — Fans shall be tested in accordance with AMCA 210 test code for air moving devices and shall be guaranteed by the manufacturer to deliver rated published performance levels.

MHO, MHR, MHW and MHA fans shall be licensed to bear the AMCA certified ratings seal for air and fan efficiency grade (FEG).

HOUSING — Housings shall be continuously welded heavy gauge steel, suitably braced to prevent pulsation. Housings with lock seams or partially welded construction are not acceptable. Class 22 housings shall be constructed of a minimum 12 gauge through 0.31" steel. Class 32 housings shall be constructed of at least 7 gauge through 0.31" steel. Units having wheel diameters of 33" (size 919) and smaller shall be built with adjustable discharge housings which can be field rotated to any of the eight standard positions. Fans with wheel diameters larger than 33" shall be built with a fixed discharge housing and have a flanged type discharge to provide unit rigidity.

WHEEL — All class 22 fan wheels shall be constructed of a minimum 10 gauge through 0.75" thick steel. Class 32 fan wheels shall be constructed of a minimum 7 gauge through 0.75" steel. The spider hubs for MHO wheels shall be fabricated steel or cast steel material. All industrial fan wheels shall be continuously welded.

SHAFT — Shafts shall be AISI 1040 or 1045 hot rolled steel, accurately turned, ground, polished, and ring gauged for accuracy. Shafts shall be sized for the first critical speed of at least 1.43 times the maximum speed.

BEARINGS — Bearings shall be heavy duty, grease lubricated, anti-friction ball or roller, self-aligning, pillow block type and selected for a minimum average bearing life (AFBMA L-50) in excess of 200,000 hours at the maximum fan RPM.

V-BELT DRIVE — Fan and motor sheaves shall be cast iron fixed pitched drives for service over 10 HP. Small drives may use variable pitch cast iron motor sheaves. The minimum belt service factor shall be 1.4 when measured against motor horsepower.

FINISH AND COATING — The entire fan assembly, excluding the shaft, shall be thoroughly degreased and deburred before application of a rust-preventative primer. After the fan is completely assembled, a finish coat of paint shall be applied to the entire assembly. The fan shaft shall be coated with a petroleum-based rust protectant. Aluminum components shall be unpainted.

ACCESSORIES — When specified, accessories such as inlet vanes, outlet dampers, companion inlet and outlet flanges, inlet bells, inlet boxes, shaft guards, and wheel and scroll liners shall be provided by Aerovent to maintain one source responsibility.

FACTORY RUN TEST — All fans prior to shipment shall be completely assembled and test run as a unit at the specified operating speed or maximum RPM allowed for the particular construction type. Each wheel shall be statically and dynamically balanced in accordance with ANSI/AMCA 204-96 "Balance Quality and Vibration Levels for Fans" to Fan Application Category BV-3, Balance Quality Grade G6.3. Balance readings shall be taken by electronic type equipment in the axial, vertical, and horizontal directions on each of the bearings. Records shall be maintained and a written copy shall be available upon request.

GUARANTEE — The manufacturer shall guarantee the workmanship and materials for its fans for at least one (1) year from startup or eighteen (18) months from shipment, whichever occurs first.



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