

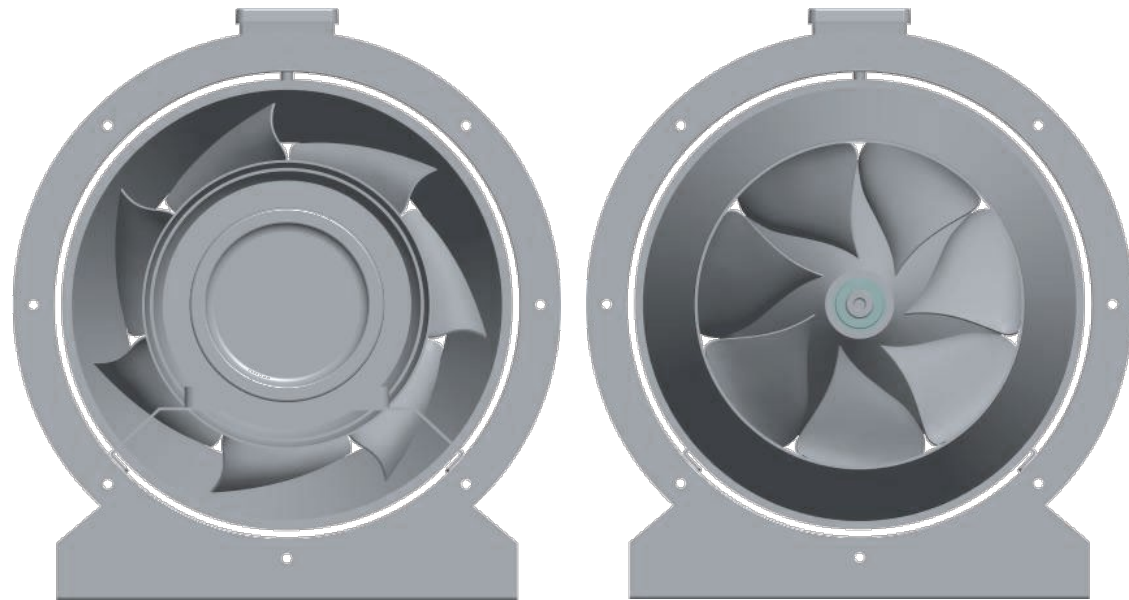
VMD-A Ultra-efficient Axial Fan



CE CB



Cks Fan Is China Based Business Owned And Operated By Its Management Team. We Specialize In Air Movement And Have Experience Gained More Than Ten Years Of Operation With Worldwide Predecessors. We Service The Ventilation Equipment Needs Of Customers Ranging From Hvac Through Mining, Manufacturing, Construction, And Agriculture As Well As Retail End Users Include Tianjin And Suzhou Retail Stores. We Build Our Products In State Of The Art Facilities In Guangzhou, Wuhan And Deqing. We Adapt Iso9001 quality System To Ensure Our Customers Are Using Best Products.



Main features with TMK Series

- All mold design construction. Housings are manufactured with Nylon and Steel
- Mix type of impeller with high efficiency
- The fan is compact, so it is easy to installation and repair.
- It is designed for direct connection in line with standard diameter circular ducting.

Application areas include:

Each Hybrid Fan Undergoes Freedom Vibration Analysis Before Leaving The Factory.



Laboratory ventilation



Low noise industry



Purification and filtration supporting

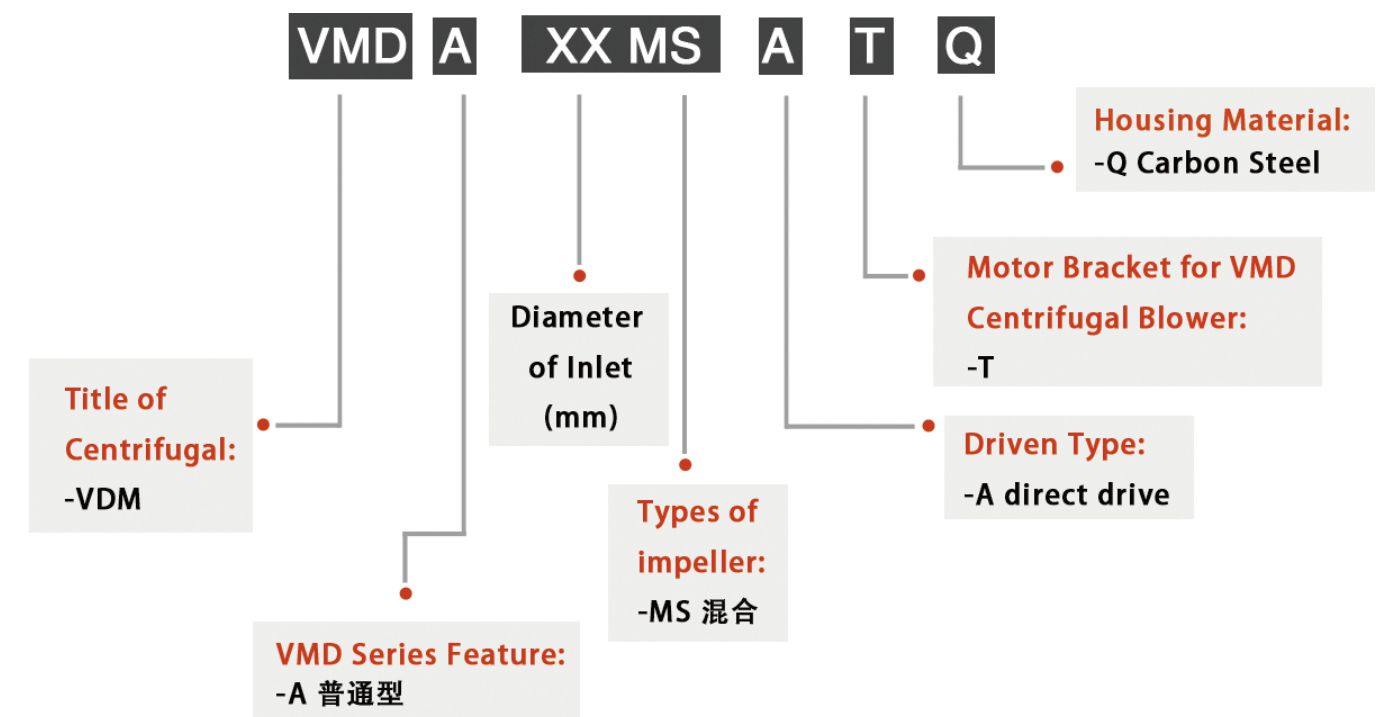


Kitchen special matching

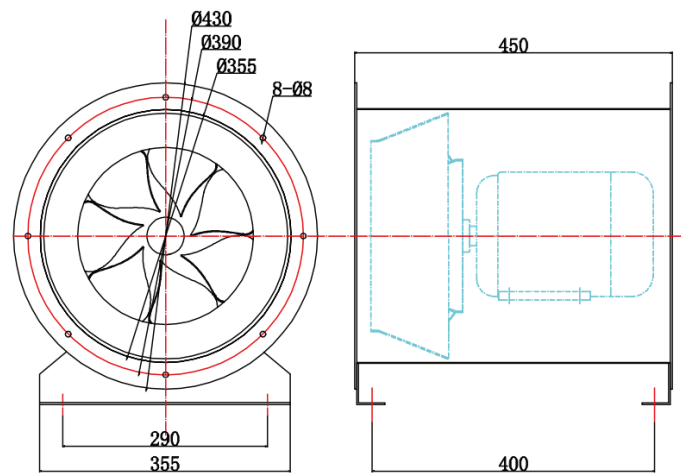
Safe and reliable

- It is suitable for exhaust systems with constant or variable volume, and the fan occupies a very small space.
- The casing is separated from the motor, and the belt drive and bearings are located outside the contaminated airflow.
- The fan shaft bearing life (L10) is at least 80,000 hours.
- The inspection and maintenance of fan drive components are safe and convenient.

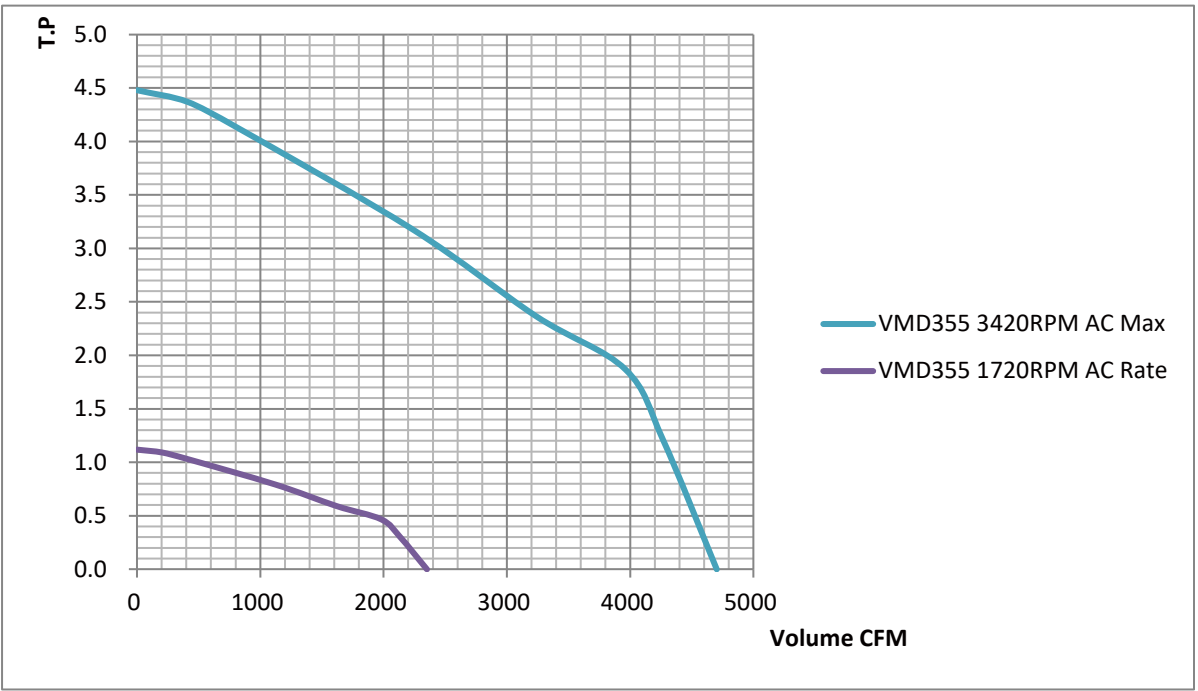
Hybrid fan series product code:



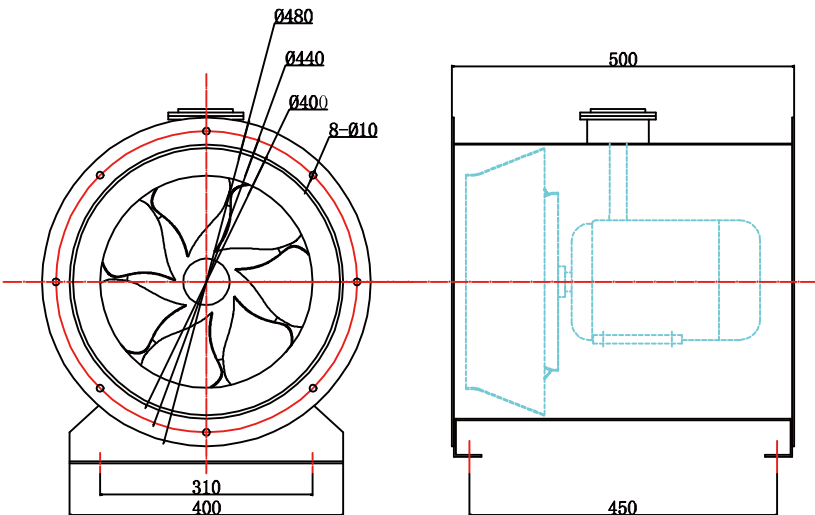
VMD-A-355MS



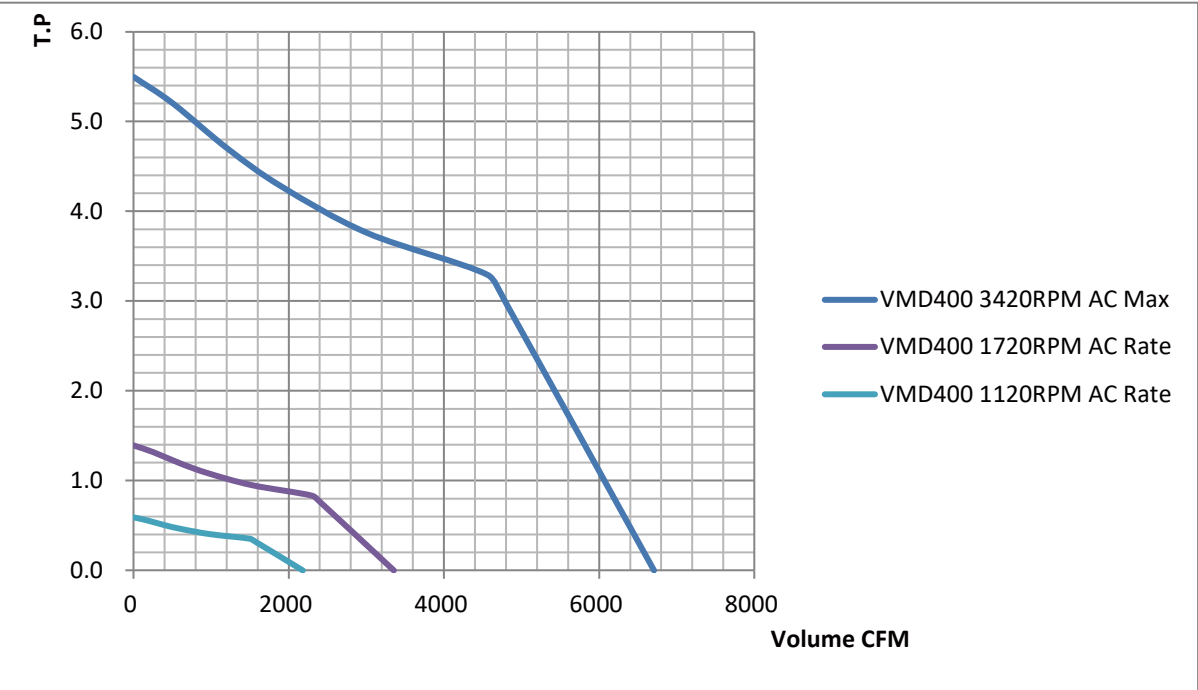
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD355	3420	2HP	380V/60Hz	4703	0.0
				4268	1.2
				3962	1.9
				3235	2.4
				2241	3.2
				817	4.1
				412	4.4
				0	4.5
	1720	0.25HP	380V/60Hz 220V/60Hz	2352	0.0
				2134	0.3
				1981	0.5
				1618	0.6
				1121	0.8
				409	1.0
				206	1.1
				0	1.1



VMD-A-400MS

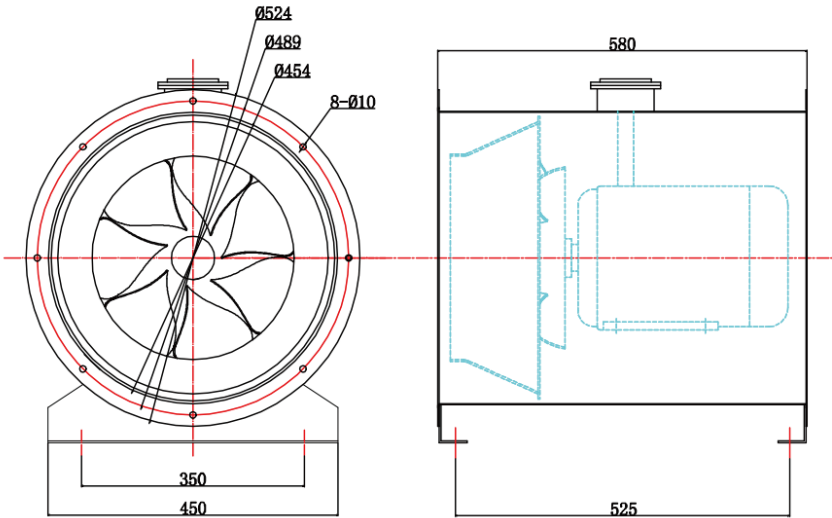


Model	RPM	Power	Voltage	CFM	Total Pressure
VMD400	3420	4HP	380V/60Hz	6706	0.0
				4814	3.0
				4563	3.3
				3020	3.8
				1906	4.3
				1211	4.7
				505	5.2
				0	5.5
	1720	0.75HP	380V/60Hz 220V/60Hz	3353	0.0
				2421	0.7
				2295	0.8
				1519	0.9
				959	1.1
				609	1.2
				254	1.3
				0	1.4

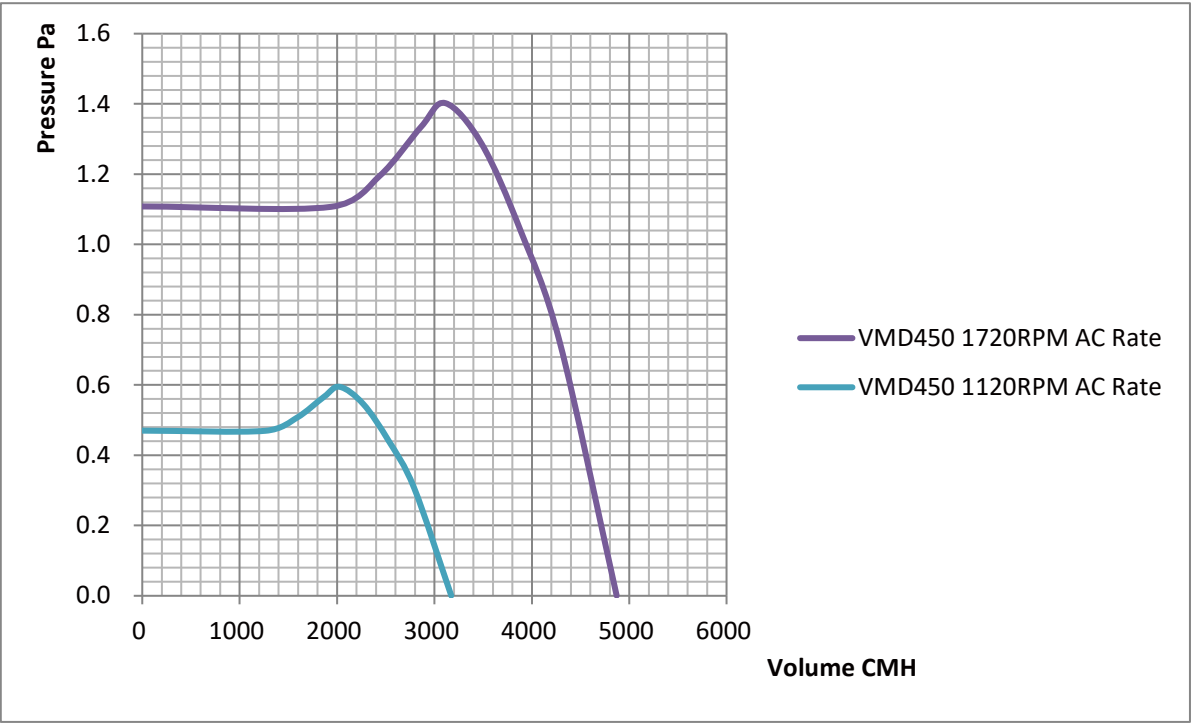


*Dimensions and parametric data are subject to change without notice.

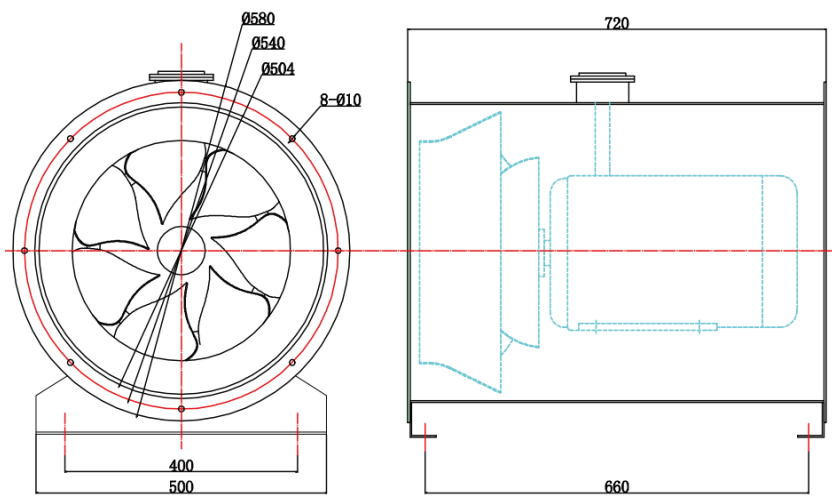
VMD-A-450MS



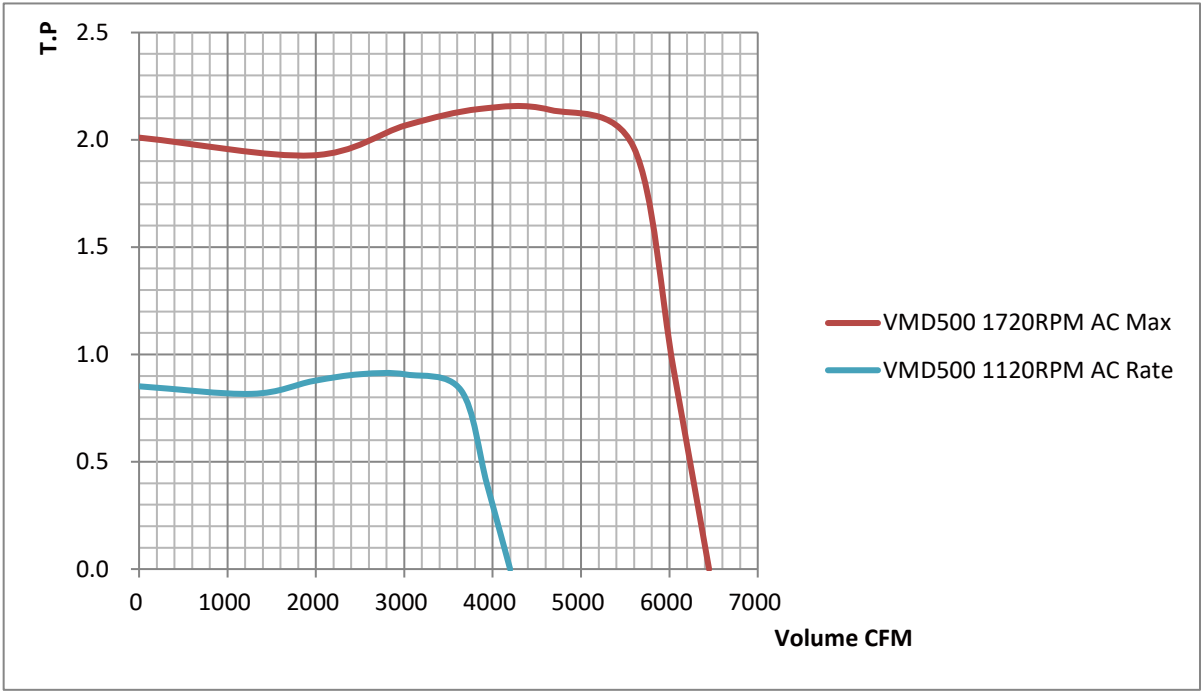
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD450	1720	1HP	380V/60Hz 220V/60Hz	4871	0.0
				4285	0.7
				3882	1.0
				3483	1.3
				3112	1.4
				2864	1.3
				2436	1.2
				1937	1.1
				3172	0.0
	1120	0.75HP	380V/60Hz	2790	0.3
				2528	0.4
				2268	0.5
				2026	0.6
				1865	0.6
				1586	0.5
				1261	0.5



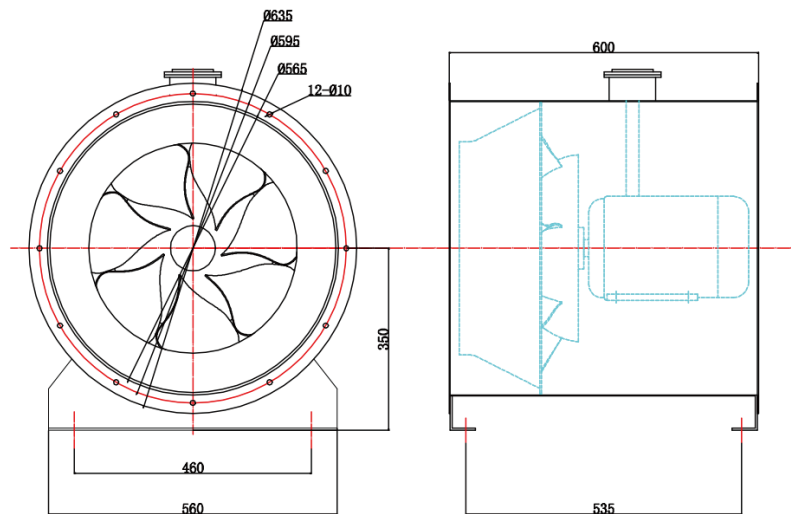
VMD-A-500MS



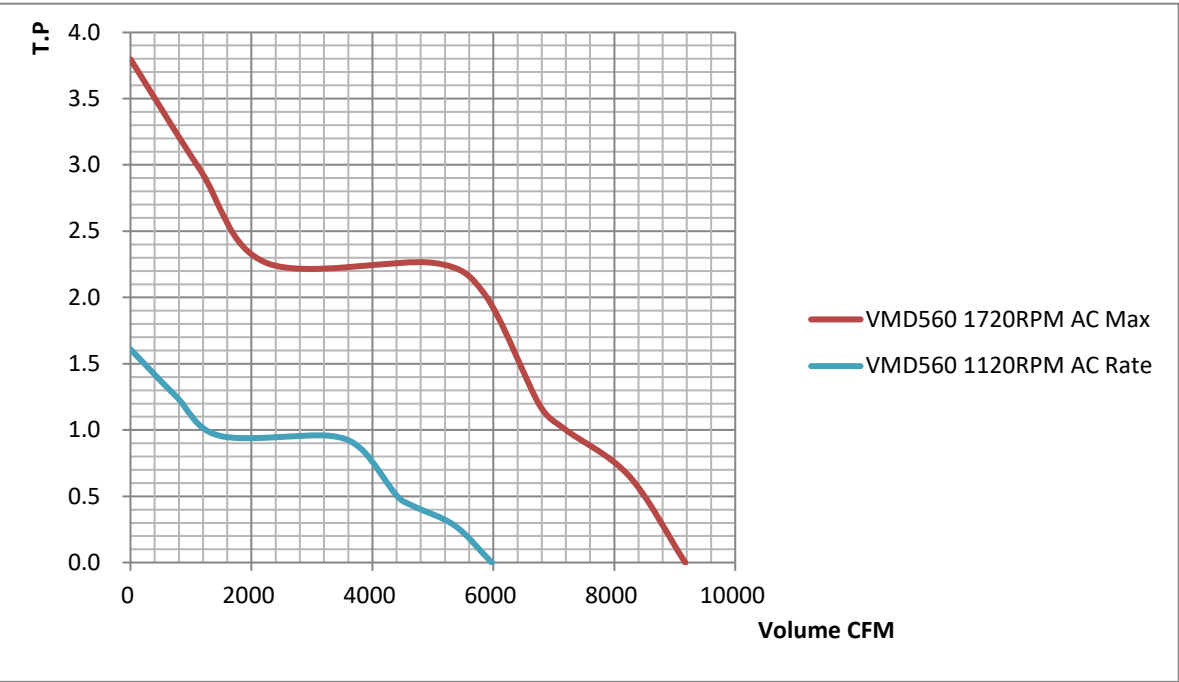
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD500	1720	2HP	380V/60Hz 220V/60Hz	0	2.0
				1955	1.9
				3025	2.1
				3852	2.1
				4643	2.1
				5594	2.0
				6044	0.9
				6447	0.0
	1120	1HP	380V/60Hz	0	0.9
				1273	0.8
				1970	0.9
				2508	0.9
				3023	0.9
				3642	0.8
				3936	0.4
				4198	0.0



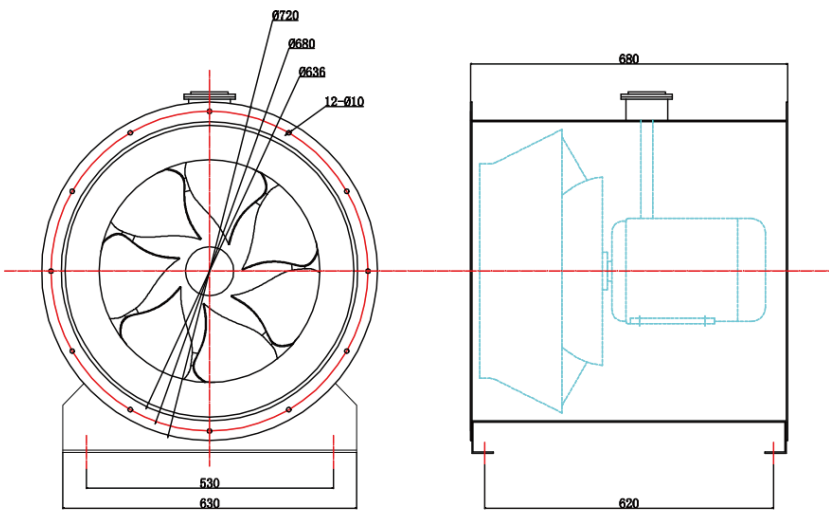
VMD-A-560MS



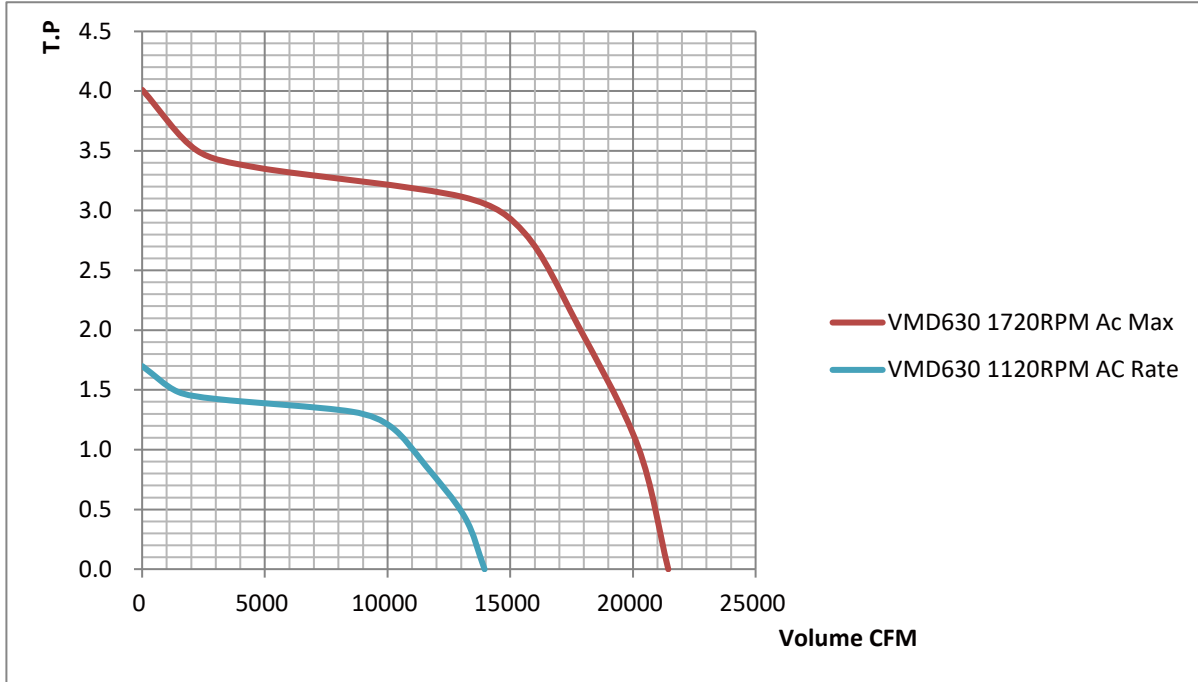
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD560	1720	3HP	380V/60Hz	1135	3.0
				2251	2.3
				5020	2.3
				5860	2.0
				6764	1.2
				7184	1.0
				8246	0.7
				9176	0.0
	1120	1.5HP	380V/60Hz	739	1.3
				1466	1.0
				3269	1.0
				3816	0.9
				4404	0.5
				4678	0.4
				5370	0.3
				5975	0.0



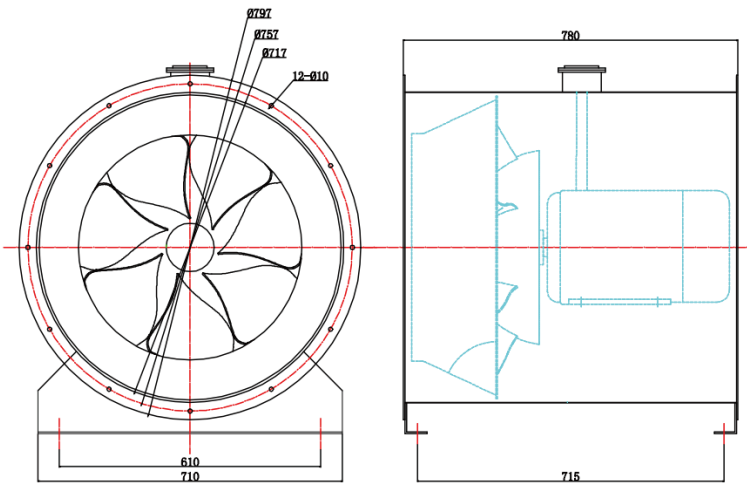
VMD-A-630MS



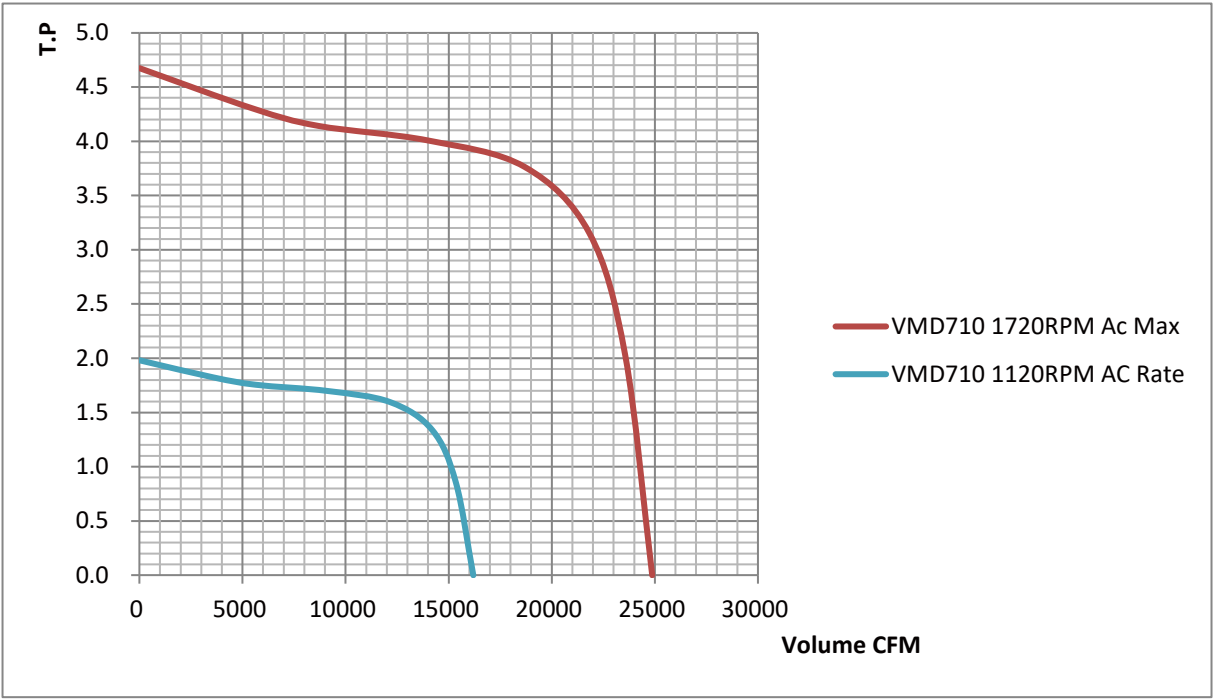
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD630	1720	5.5HP	380V/60Hz	21437	0.0
				20198	1.0
				17748	2.0
				15586	2.8
				13076	3.1
				4728	3.4
				2218	3.5
				0	4.0
	1120	3HP	380V/60Hz	13959	0.0
				13152	0.4
				11557	0.9
				10149	1.2
				8515	1.3
				3079	1.4
				1445	1.5
				0	1.7



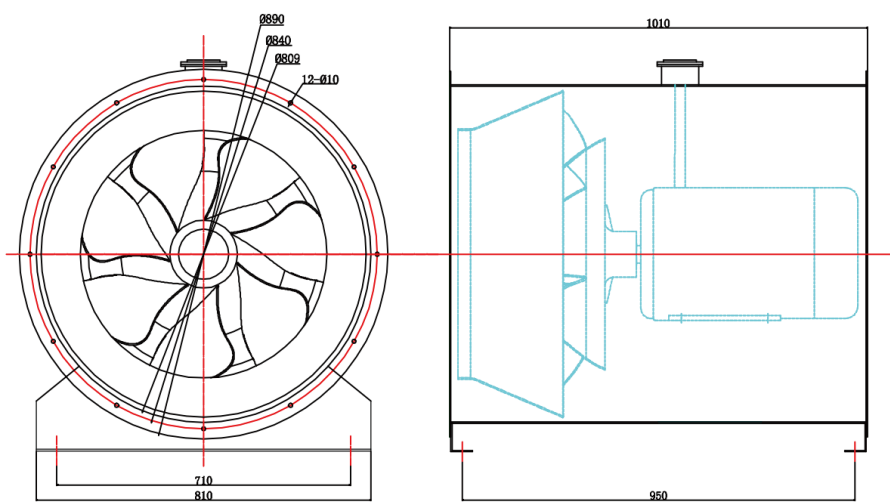
VMD-A-710MS



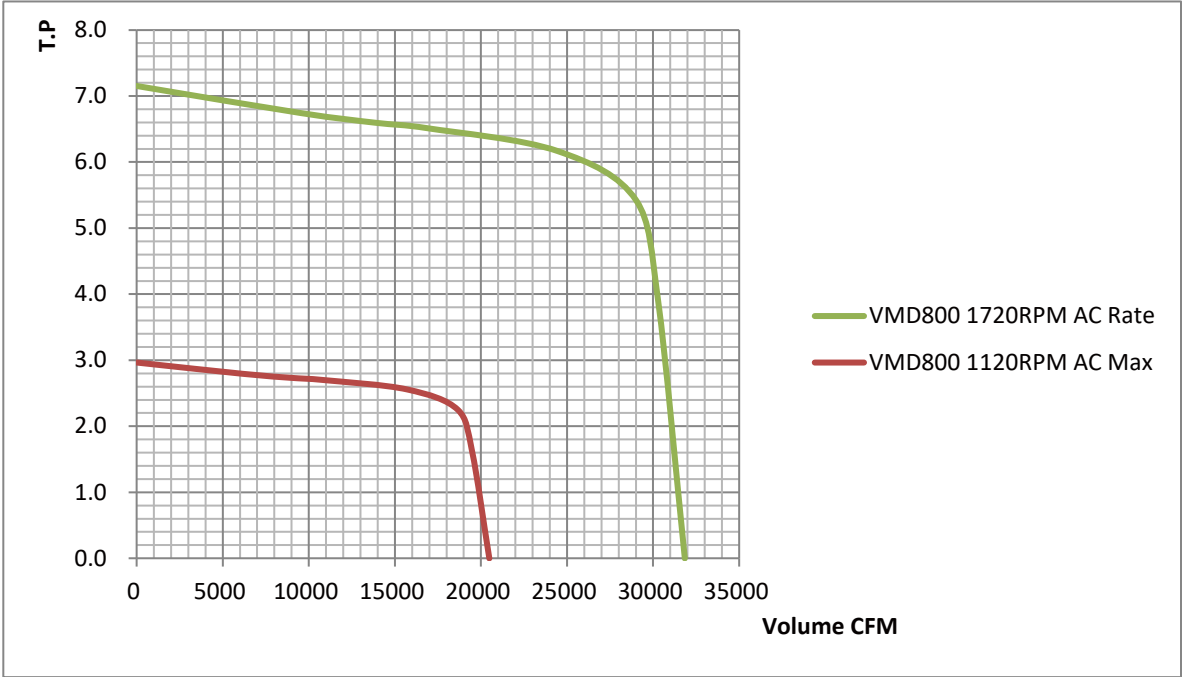
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD710	1720	15HP	380V/60Hz	0	4.7
				5488	4.3
				8670	4.1
				14004	4.0
				18676	3.8
				21815	3.2
				23562	2.0
				24866	0.0
	1120	5.5HP	380V/60Hz	0	2.0
				3574	1.8
				5646	1.8
				9119	1.7
				12161	1.6
				14205	1.3
				15343	0.9
				16192	0.0



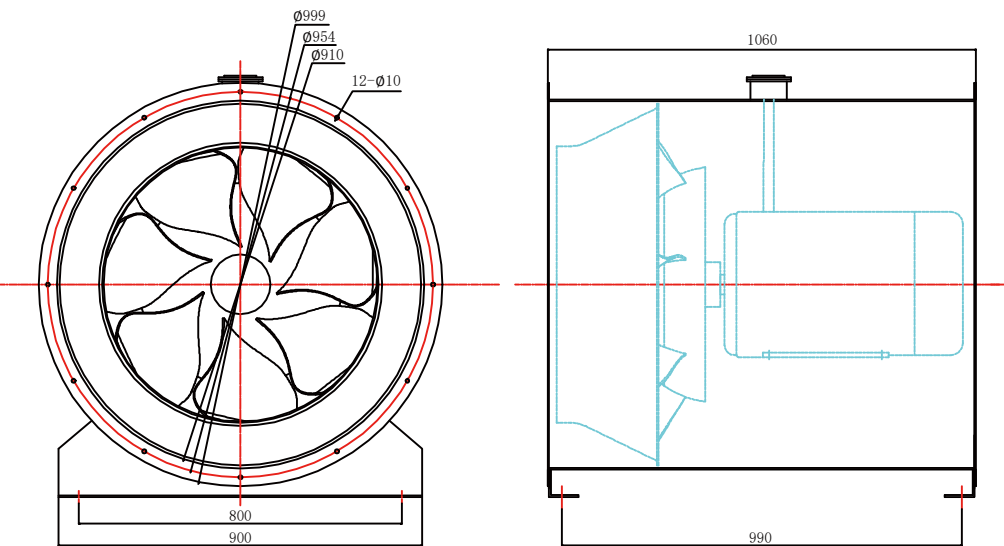
VMD-A-800MS



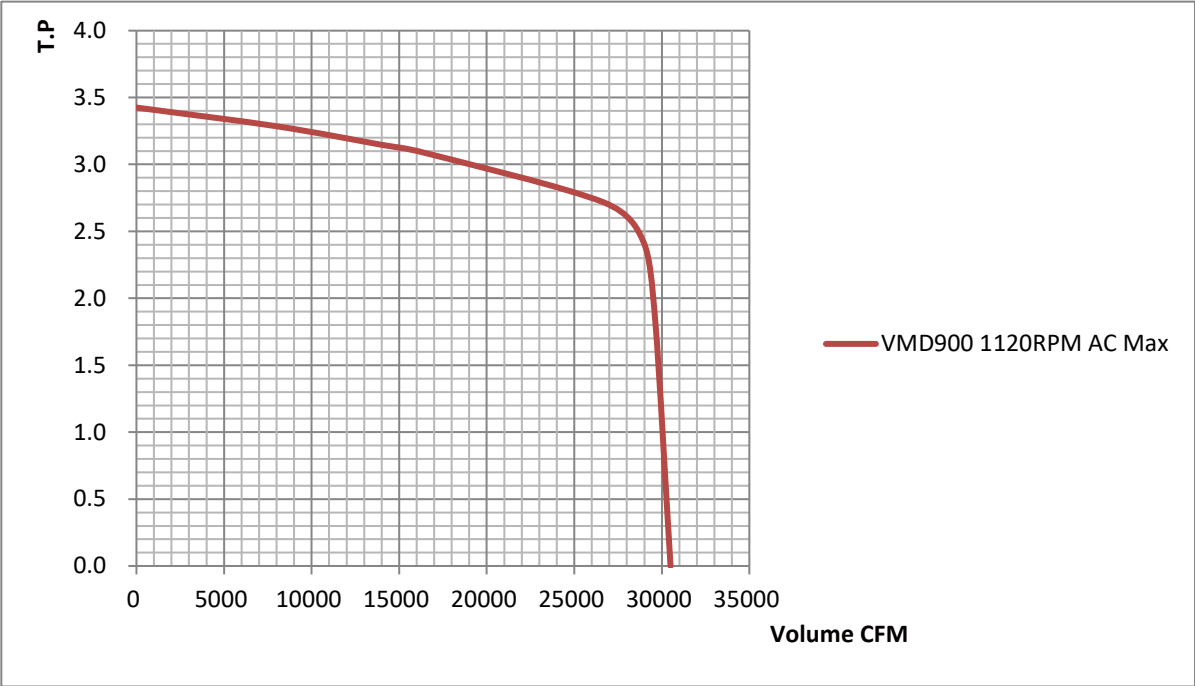
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD800	1720	25HP	380V/60Hz	0	7.2
				9568	6.7
				13879	6.6
				16913	6.5
				24432	6.2
				29000	5.4
				30282	3.9
				31835	0.0
	1120	10HP	380V/60Hz	0	3.0
				6159	2.8
				8933	2.7
				10887	2.7
				15726	2.6
				18667	2.2
				19492	1.6
				20492	0.0



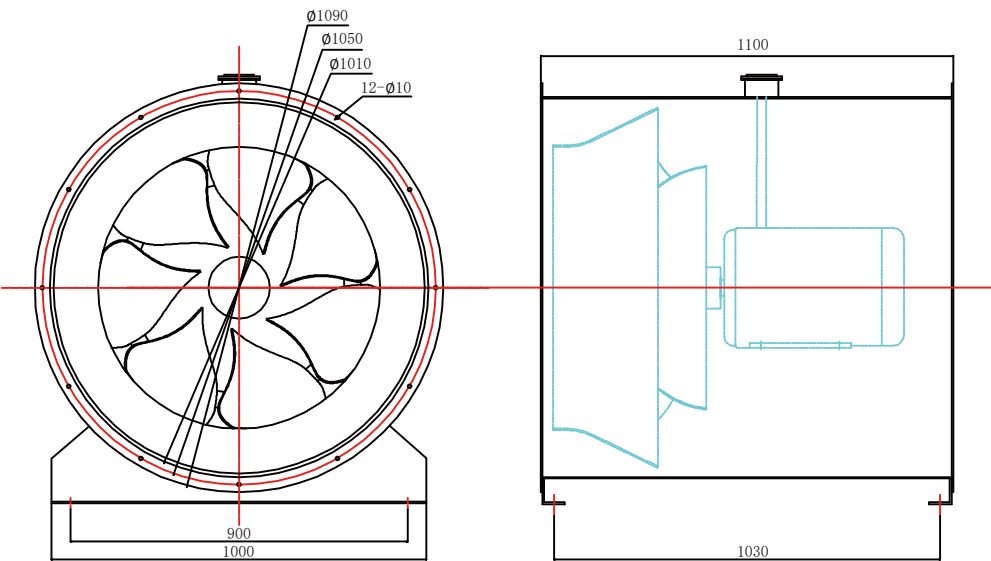
VMD-A-900MS



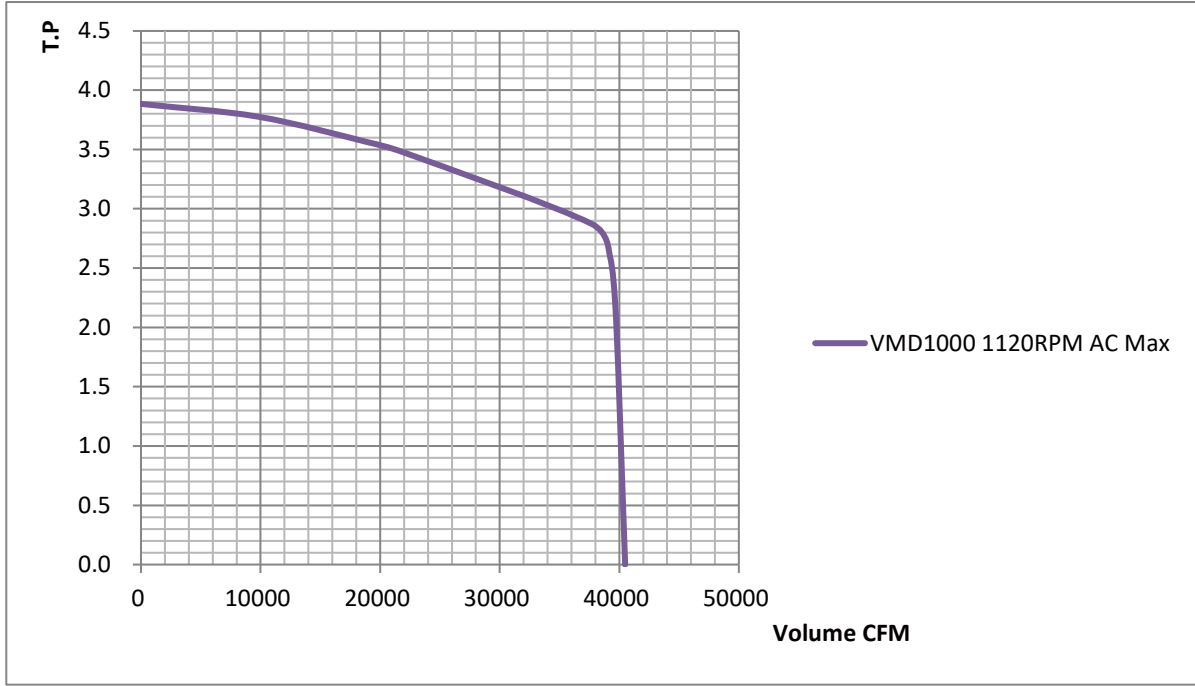
Model	RPM	Power	Voltage	CFM	Total Pressure
VMD900	1120	15HP	380V/60Hz	0	3.4
				7982	3.3
				13963	3.1
				16440	3.1
				26712	2.7
				28951	2.4
				29613	1.8
				30488	0.0



VMD-A-1000MS



Model	RPM	Power	Voltage	CFM	Total Pressure
VMD1000	1120	20HP	380V/60Hz	0	3.9
				9806	3.8
				18992	3.6
				21994	3.5
				37698	2.9
				39234	2.6
				39734	2.0
				40484	0.0



Usage Description

- 1. The Fan Is Mainly Use In Delivering The Clean Air Without The Place That With Easy Burning Materials, Explosive Materials And Powder
- 2. If The Fan Is Fed With External Rotor Machine And Sealed Ball Bearing. It Is Free Maintenance.
- 3. If The Fan Install In The Damping And Sobering Area, Continuous Operation Is Required For The Fan.
- 4. The Fan Can Be Installed In The Outdoor Or Damp Environment With Drainage System.
- 5. All The Fans Are Feeding With International Standard Motors, Which Are Single Phase 120v, 60hz Or 220v, 50hz And Three Phases 380v, 50hz
- 6. Installation Is Available In Any Areas

Installation

- 1. Must Be Install According To The Air Flow Marking
- 2. Must Be Connect To The Piping Or Equip With Safety Accessories
- 3. Must Be Installing In A Proper Way And Make Sure The Outlet Is Without Any Unusual Materials.
- 4. Try To Installing The Fan As Easy As For The Maintenance Purpose
- 5. Fan Required Flanges In Order To Avoid The Piping Damage When Vibrated
- 6. Speed Controller Or Transformer Is Available To Connect To The Fan
- 7. Wiring Diagram Is In The Package.
- 8. Wiring Must Be Strictly Following The Wiring Diagram.
- 9. Electrical Installation Must Be Done By Professional Technicians.
- 10. Electrical Installation Must Be Connecting In The Special Control Box.

Operation

- Before Operation, Please Make Sure
- 1. The Real Maximum Current Cannot Be Exceed The National Standard Index:+5%.
 - 2. The Voltage Pulsation Is Between +6% --+10%
 - 3. No Exceptional Noise Produce When Operation.
 - 4. The Rotating Direction For Three Phase Motor Is The Same As The Marking.

Maintenance

- 1. Before Repair Or Maintenance The Fan, Please Make Sure The Fan Is Stop And The Fan Is Not Working In Overload Condition
- 2. When Disassemble The Larger Fan, Please Care For The Weight To Avoid Blocking And Scratching
- 3. Cleaning The Fan Once A Year, So That It Can Keep The Function And Avoid The Unnecessary Damage.
- 4. Ball Bearing Is Free Maintenance Except For The Necessary Updates.
- 5. When Cleaning The Fan, Please Do Not Use The High Pressure Washer Or Strong Solvent, And Do Not Take Out The Damaging Impeller
- 6. Make Sure The Fan Is Operating Without Any Noise

Failure Detection

- 1. Make Sure The Fan Is In The Load Condition.
- 2. Verify The Impeller Is Without Block.
- 3. Please Do Check With The Heat-variable Switch And Motor Protector. If The Switch Is Not In Connected, Please Do Check It. If Its Need To Restart Makes Sure The Power Supply Is Cut Off In A Few Minutes Until The Rated Current Is Not Higher Than 1.6a. If The Motor Has The Heat Protector, It Will Automatically Reset After Cool Down.
- 4. Make Sure The Capacitor Is Connected According To The Wiring Diagram.
- 5. Please Change The Capacitor At The First Time When The Fan Is Not Work.
- 6. Please Contact The Distributor If The Fan Is Still Not Work
- 7. When Send Back The Fan To The Distributor, Please Clean It And Make Sure The Cables Are

Guarantee

The Guarantee Is Valid Only With The Guideline Of This Manual.

Noise Level Test Method

1m/45° Free Zone, Without Connect The Ducting Noise Data

Company Introduction

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Certification:



Capabilities And Services

- 1 Fan And Blower Design And Manufacture
- 2 Fully Performance Tested Products And Published Data
- 3 In-house Design Engineering Team
- 4 Scale And Capacity To Handle Any Size Project
- 5 Servicing Overseas Markets With Built Products And Oem Supply
- 6 Sales And After Sales Support Teams

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