




# RMUA EXHAUST FANS

(ROOF & WALL EXHAUST FANS)



RMUA Axial Exhaust Fans are suitable for roof or wall mounting in commercial ventilation applications. They are the perfect low-cost choice for areas that have little or no ductwork

### APPLICATIONS

 General ventilation	 Mechanical room exhaust	 Warehouse exhaust
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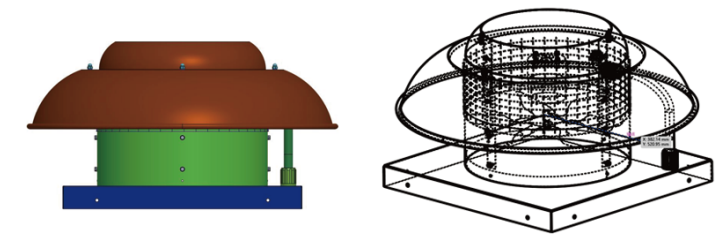
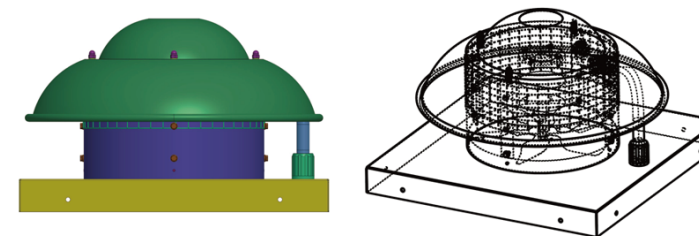
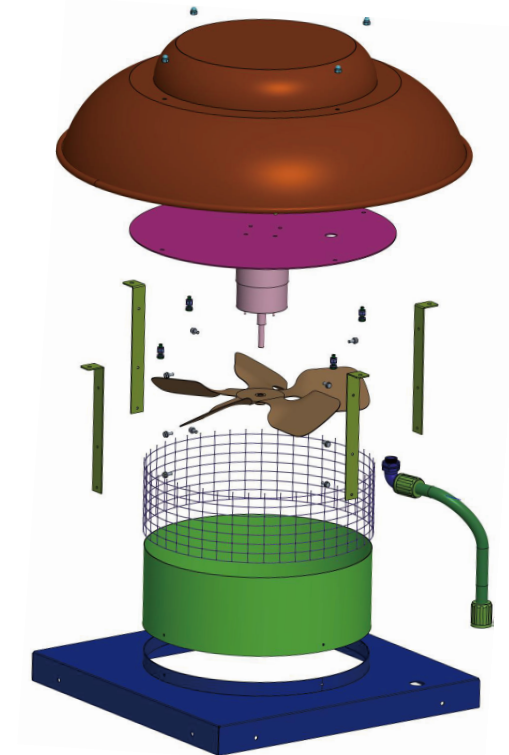
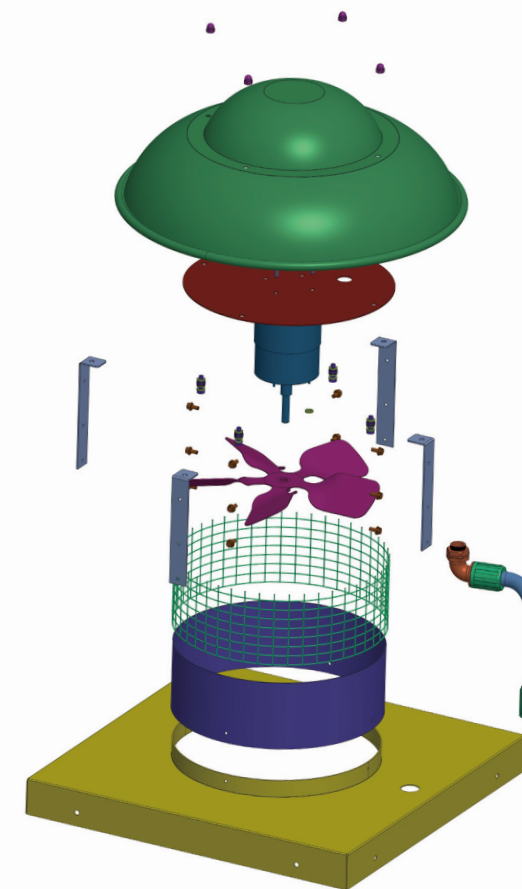
### ACCESSORIES / OPTIONS

- Gravity & motorized dampers
- Wall mount brackets
- Roof curb

### Main Features With RMD Series

- Suitable for roof or wall mounting
- Axial impellers constructed with die formed blades riveted to a steel hub
- Spun aluminum housing for weather-resistant durability
- Wire conduit provides a clear channel for electrical connections
- Bird screen
- Totally enclosed, permanently lubricated, ball bearing motor
- Disconnect switch
- 110 F max. temperature rating
- 110-120V/60Hz or 220-240V 50Hz-60Hz, single phase
- Diameters range from 10" to 18"
- Direct drive capacities to 2,400 cfm (4080CMH)

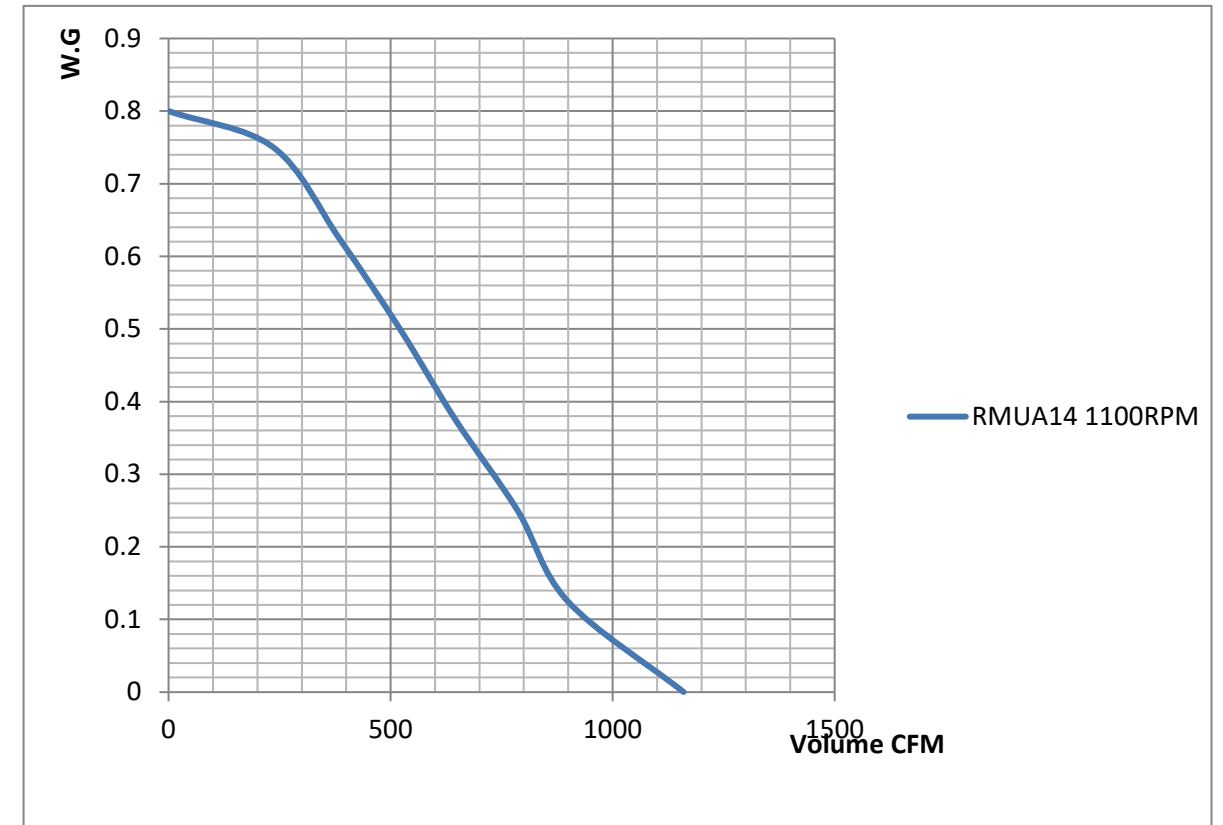
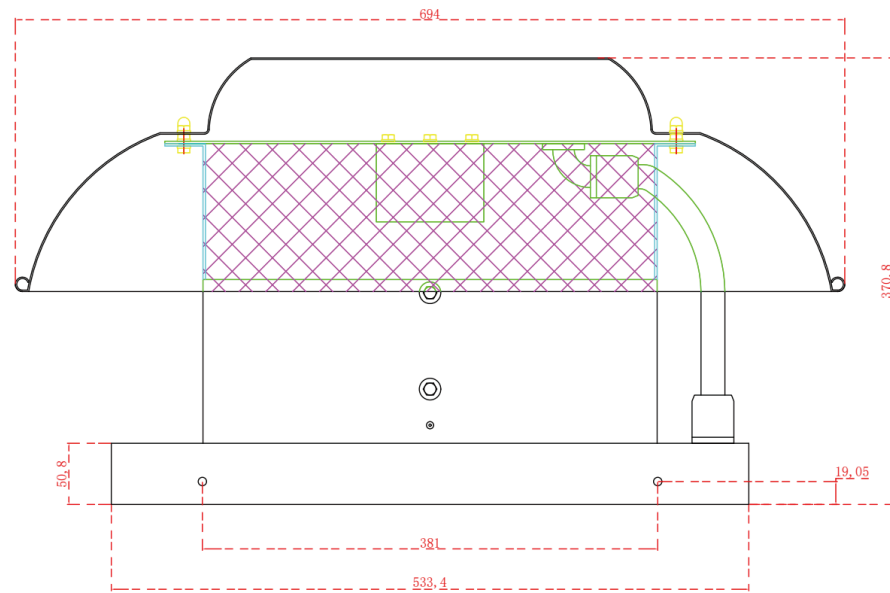
### Product three-dimensional diagram display



### Product Size

MODEL	DIMENSIONS IN INCHES*							WT (LBS)	DAMPER SQUARE
	HT	W	B	C	D	E	RO		
RMUA -10	9.8 (248.9mm)	18.3	2	19	17.5	12	13	24	12
RMUA -12	10.8 (274.3mm)	20.3	2	19	17.5	12	13	32	12
RMUA -14	12.6 (320mm)	27.3	2	21	19.5	12	16	45	15
RMUA -18	14.4 (365.7mm)	33.6	2	26	24.5	12	20	67	19

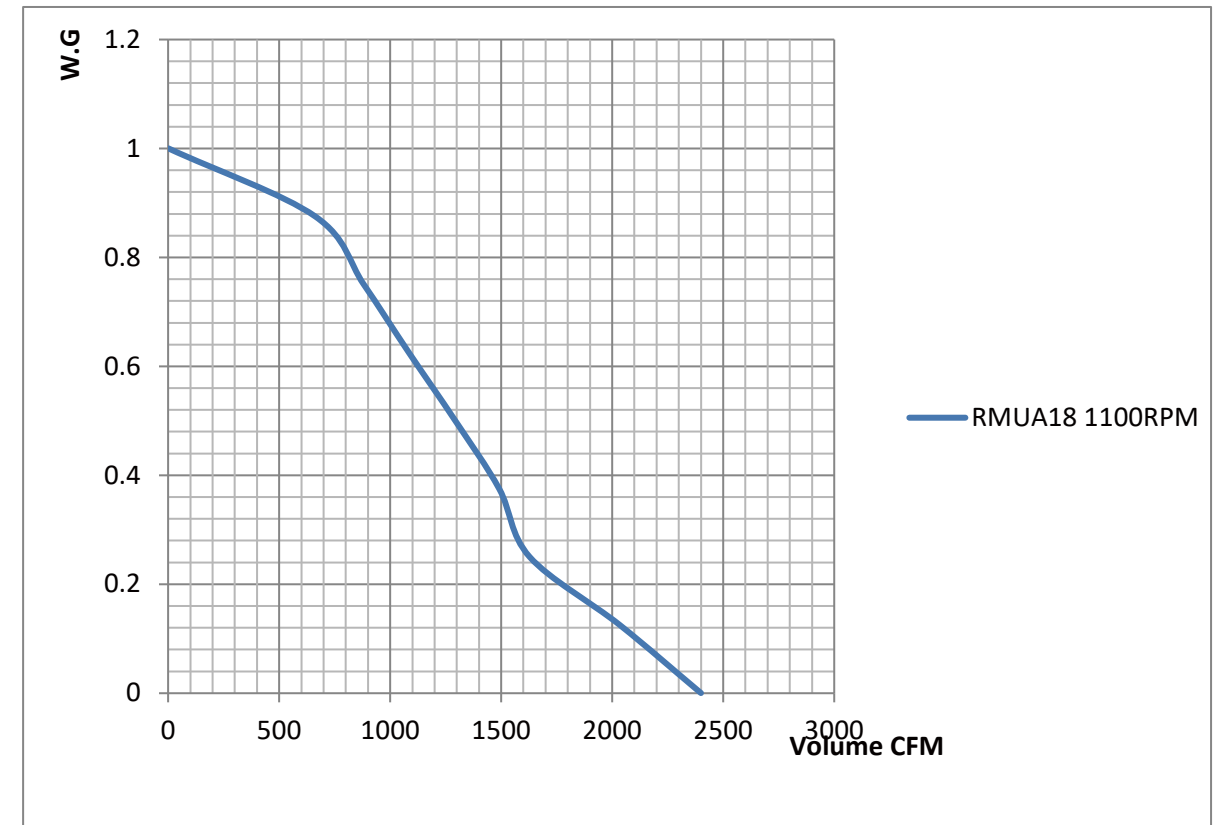
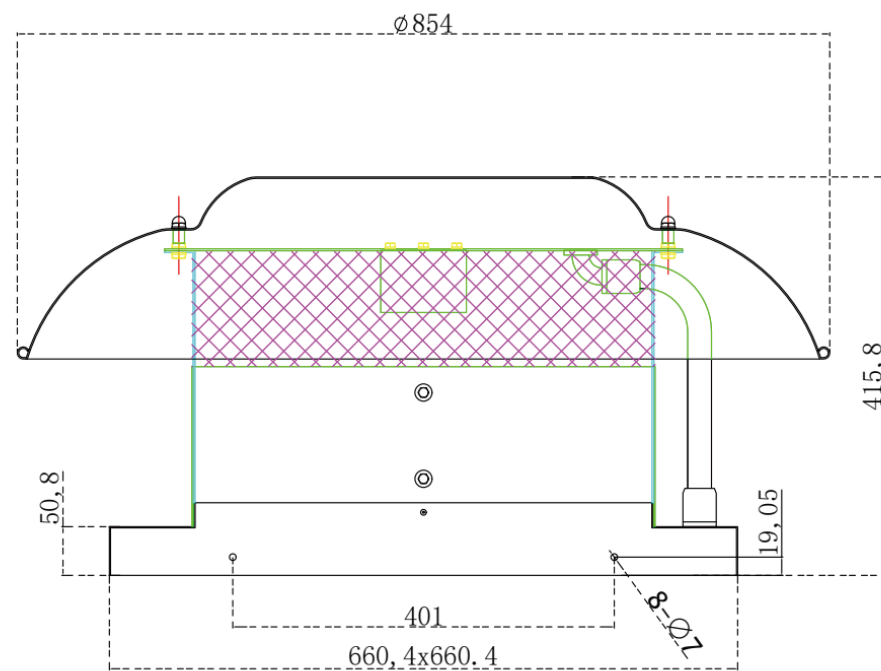
## RMUA-14 Data parameters



Model	Voltage	Current	Input Power	Rotation Speed
RMUA-14	110V/60HZ	0.51A	120W	1100RPM

MODEL	RPM	MTR HP	FLA	AIRFLOW PERFORMANCE (CFM)							
				0" SP	0.125" SP	0.25" SP	0.375" SP	0.50" SP	0.625" SP	0.75" SP	0.875" SP
RMUA -14	1100	1/6	2.2	1160	899	786	646	521	384	236	-

## RMUA-18 Data parameters



Model	Voltage	Current	Input Power	Rotation Speed
RMUA-18	110V/60HZ	0.82A	180W	1100RPM

MODEL	RPM	MTR HP	FLA	AIRFLOW PERFORMANCE (CFM)							
				0" SP	0.125" SP	0.25" SP	0.375" SP	0.50" SP	0.625" SP	0.75" SP	0.875" SP
RMUA -18	1100	1/3	4.5	2400	2034	1628	1491	1293	1084	881	662



**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, 110-120V/60Hz or 220-240V 50Hz-60Hz, single phase
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**

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 DeQng. We Adapt Iso9001quality System To Ensure Our Customers Are Using Best Products.

**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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