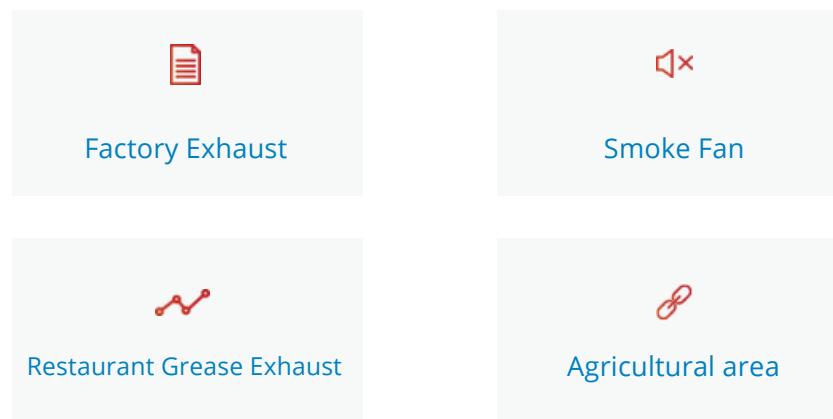




Upblast Roof Fans Are Designed To Provide Efficient And Reliable Operation For Commercial And Kitchen Exhaust Purpose. Our Products Are Manufactured With State Of The Art Laser, Forming, Spinning And Welding Equipment And Ensure Our Quality Control Testing To Ensure Trouble Free Start-up. Our Roof Blowers Are Including Industry Leading Design Features To Ensure Your Ventilation Equipment Has The Latest Technologies Available

EVERY RCU HAS BEEN TEST FOR THREE DIFFERENT PLANES BEFORE PACKAGE.

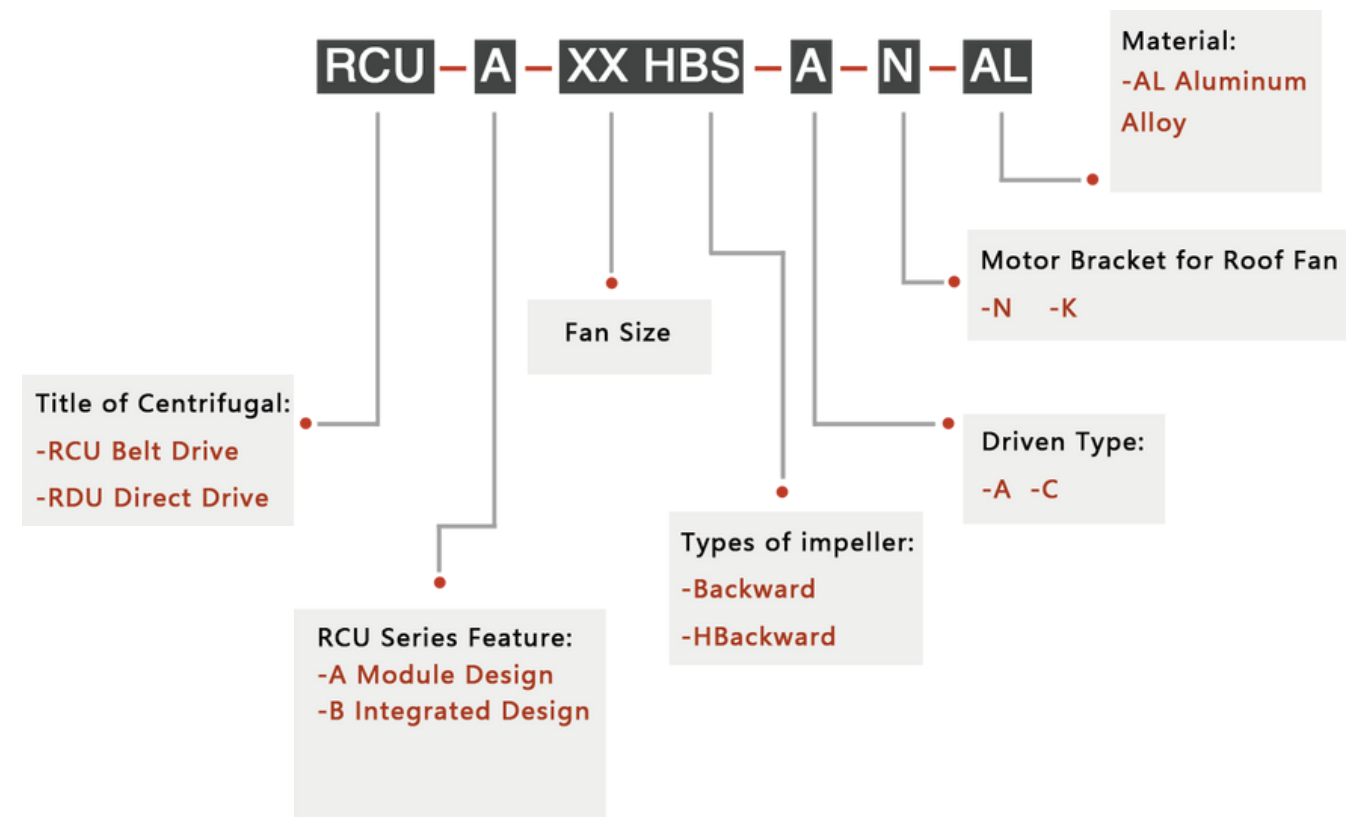
Typical application includes:



Main Features With RCU Series

- This Fan Can Be Used As Smoke Fan
- Working In High Temperature Environment
- Full Mold, Aluminum Alloy Structure
- Most Advanced Motor Cooling Of Blower In Its Class
- Direct Drive And Belt Drive Are Available
- Anti-explored Type Is Available
- UL705 And UL762 Test Grant
- ISO9001:2018 Controllable Standard
- The Highest Working Environment Temperature Is 320F improve The Configuration, The Maximum Working Environment Temperature Can Reach To 572F.

Mixed Fan Model Number Code



RCU Structure

Rcu Series: The Product Is Made In Aluminum Alloy, Which Is Cutting, By Laser To Ensure High-precision Mold Line. The Base Is Aluminum Alloy For One-time Stretch. Driven Cavity Cover Adopt Galvanized Material, Which Can Open With Hands, And Convenient To Daily Cleaning Maintenance. Different Ways Of Motor With Different Transmission Need To Select Different Motor Bracket. The Impeller Adopts Laser Cutting Technology And Die Stretch Forming. A Different Work Environment Needs To Adopt Different Impeller Material. Carbon Steel, Stainless Steel And Aluminum Alloy Impeller Are Optional. The Surface Of The Impeller Adopts Industrial Spraying. Impeller Balance Test Grades Are In Strict Accordance With The G4.0 ISO1940, And Meet Its Requirements. In This Series, Roof Blower Use Aluminum Alloy Wheel.

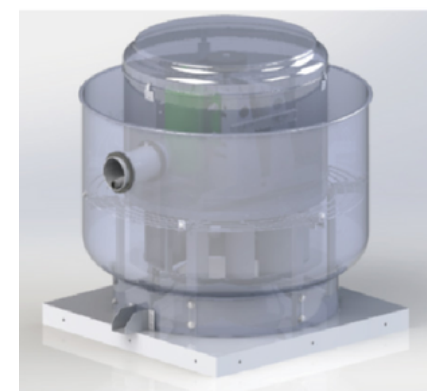


Figure 1 Module Design

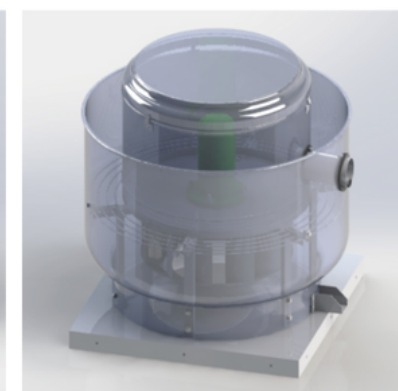
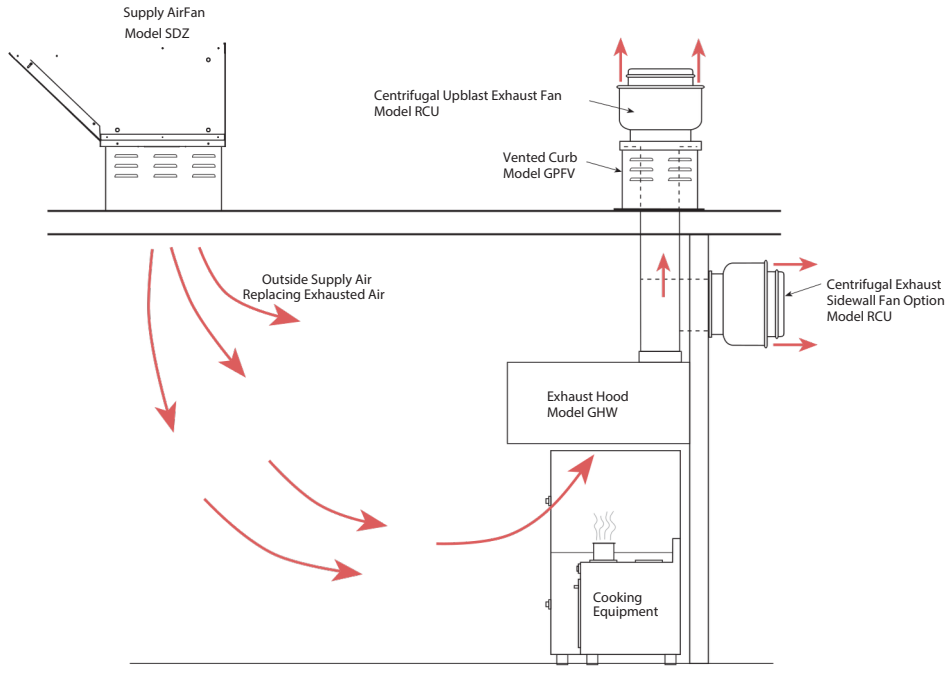


Figure 2 Integrated Design

Commercial Kitchen Ventilation

This Drawing Shows A Typical Commercial Kitchen Ventilation System That Consists Of A Roof Mounted Upblast Exhaust Fan And A Supply Fan.Exhaust Fan Variations Include Sidewall Exhaust Fan (Also Shown) When Penetrating The Roof Is Not Practical. A Utility Blower Is Recommended When Higher Static Pressure Capability Is Required To Pull Exhaust Through Long Duct Runs (Typically 3 Stories Or More))



Fan Sizing

Exhaust

When Not Specified By Local Codes,the Following Guidelines May Be Usedto Determine The Minimum Kitchen Hood Exhaust Cfm. Some Local Codes Require100 CFM/ft 2 Of Hood Area For Wall Style Hoods.

Supply

Recommended Supply Airflow Is 80% Of Exhaust Cfm. The Remaining 20% Of Supply Air Will Be Drawn From Areas Adjacent To The Kitchen, Which Helps Prevent Undesirable Kitchen Odors From Drifting Into Areas Such As The Dining Room.

NFPA Considerations

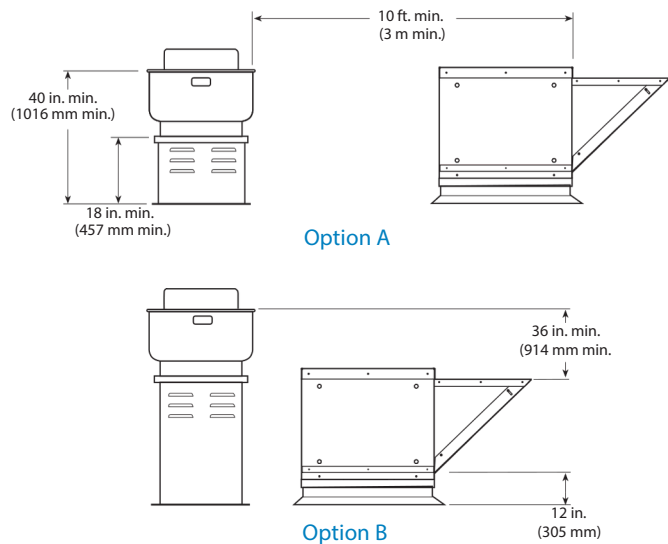
The National Fire Protection Association Specifies Minimum Distance Criteria For Restaurant Exhaust And Supply Fans:

Option A

- 1.Roof Deck To Top Of Exhaust Fan Windband: 40 inches (1016 Mm) minimum
- 2.Roof Deck To Top Of Curb: 18 Inches (457 mm) minimum
- 3.Supply Fan Intake: 10 Feet (3048 Mm Minimum From All Exhaust Fans

Option B

ForApplications Where The 10 Feet (3048 Mm) Horizontal Distance Cannot Be Met, Vertical Separation Between Exhaust And Supply Must Be At Least 36 Inches (914 Mm) .



PRODUCT ACESSORIES



Grease Collector

Prevent Blockage Of The Drainage System Effectively Separate And Remove Grease From Abandoned Kitchens Or Other Oily Water



Hinge Kit

Convenient Cleaning And Maintenance,strong Corrosion Resistance.



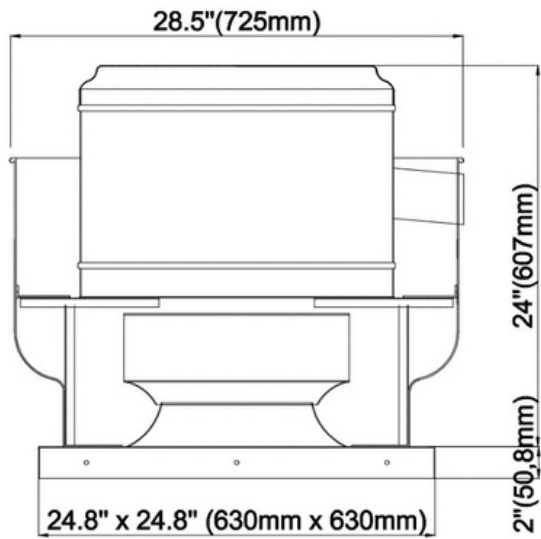
Baffle Hood Filter

Multi-angle Cleaning For Easy Maintenance

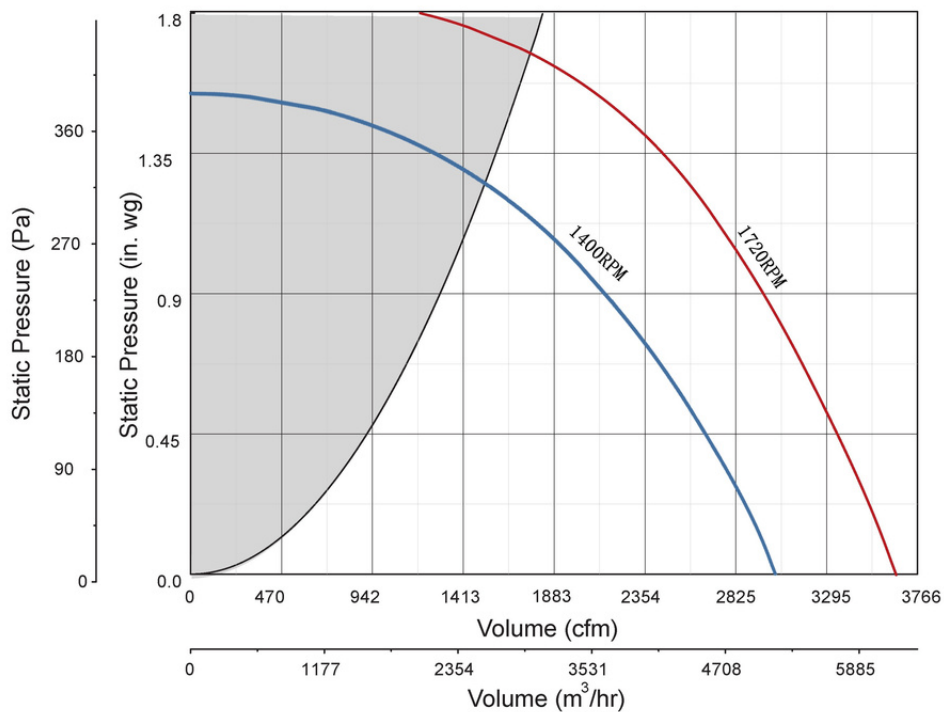




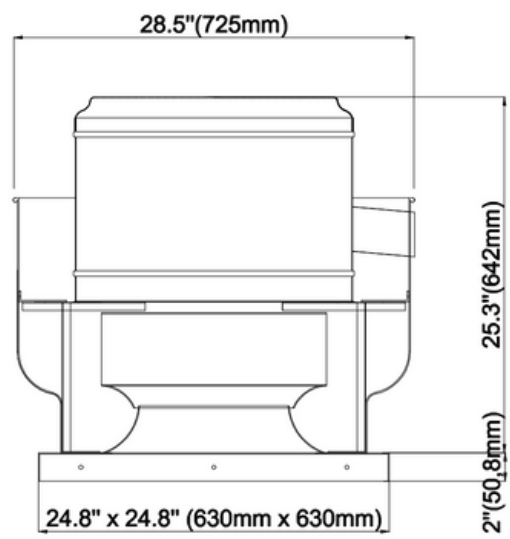
RCU10 Belt drivens



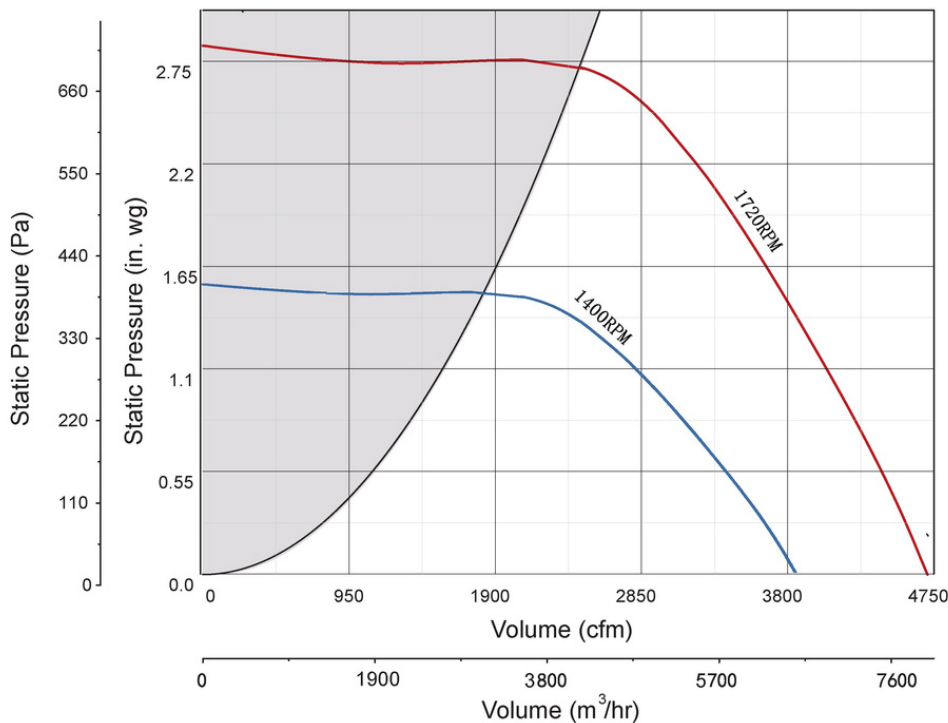
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU10	0.75HP	208V-230V/60Hz	220V/60Hz	1400RPM
	0.75HP	110V-120V/60Hz	380V/60Hz	
	1.0HP	208V-230V/60Hz	220V/60Hz	1720RPM
	1.0HP	110V-120V/60Hz	380V/60Hz	



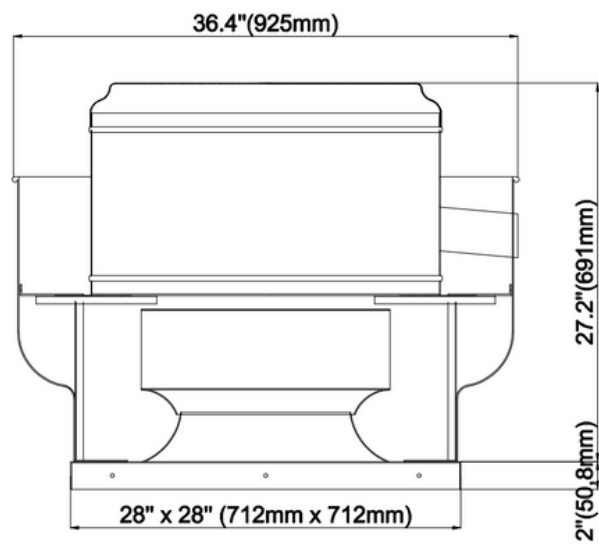
RCU14 Belt drivens



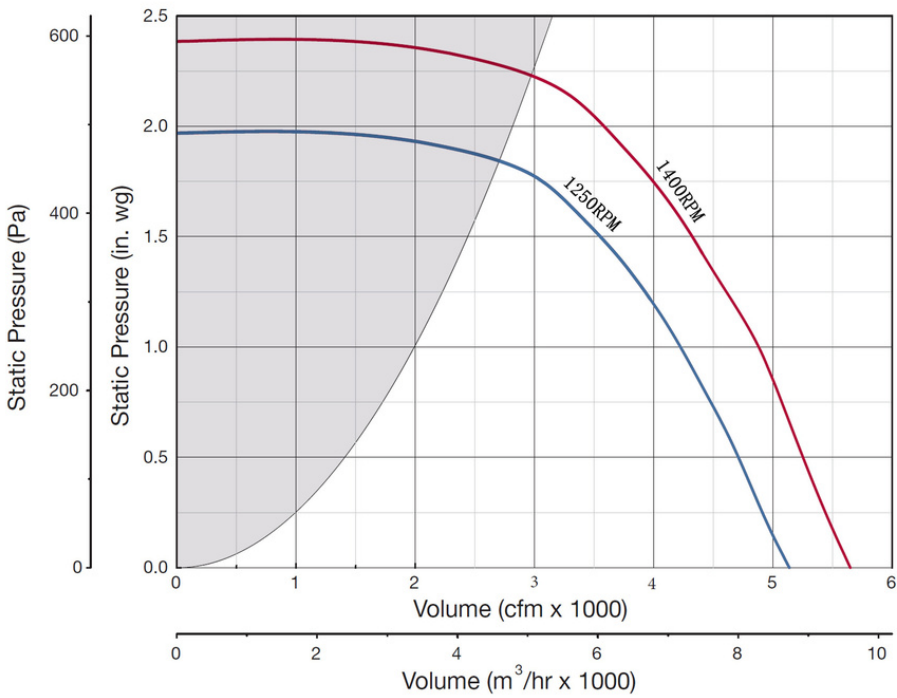
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU14	1.0HP	208V-230V/60Hz	220V/60Hz	1400RPM
	1.0HP	110V-120V/60Hz	380V/60Hz	
	1.5HP	208V-230V/60Hz	220V/60Hz	1720RPM
	1.5HP	110V-120V/60Hz	380V/60Hz	



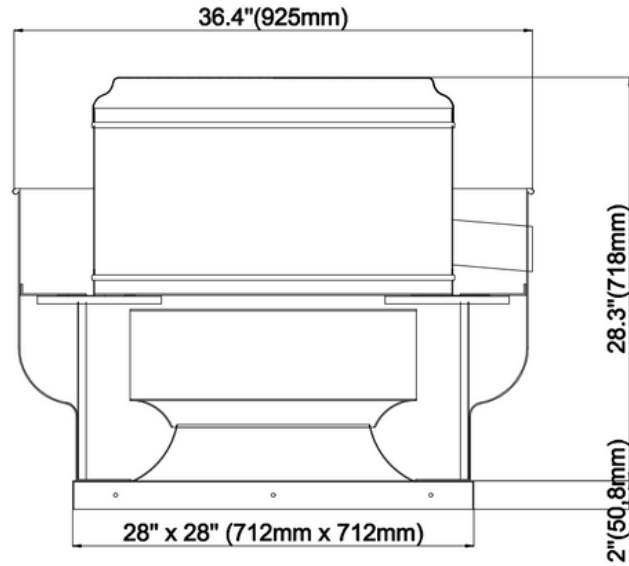
RCU16 Belt drivens



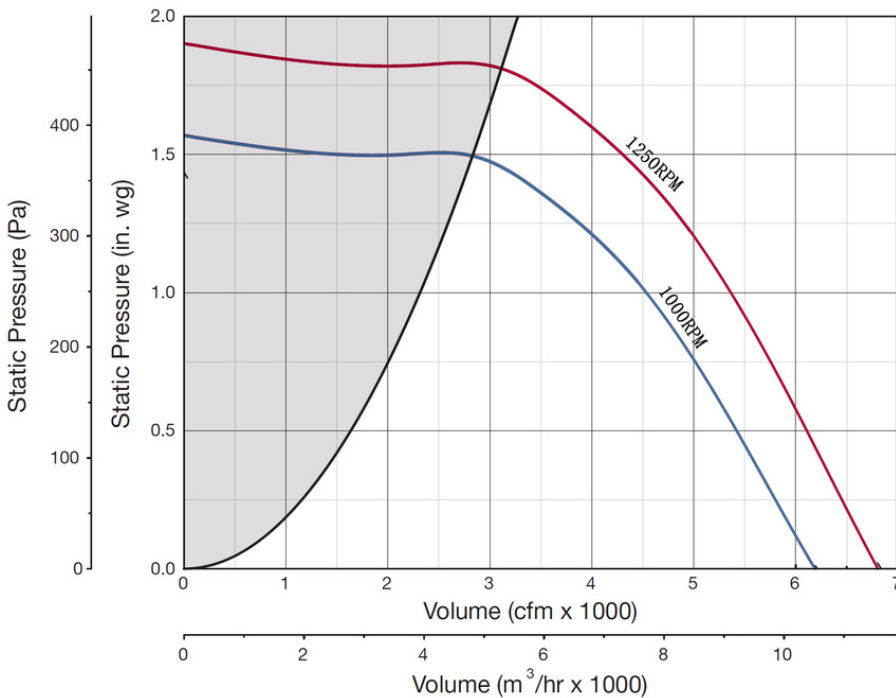
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU16	1.5HP	208V-230V/60Hz	220V/60Hz	1250RPM
	1.5HP	110V-120V/60Hz	380V/60Hz	
	2.0HP	208V-230V/60Hz	220V/60Hz	1400RPM
	2.0HP	110V-120V/60Hz	380V/60Hz	



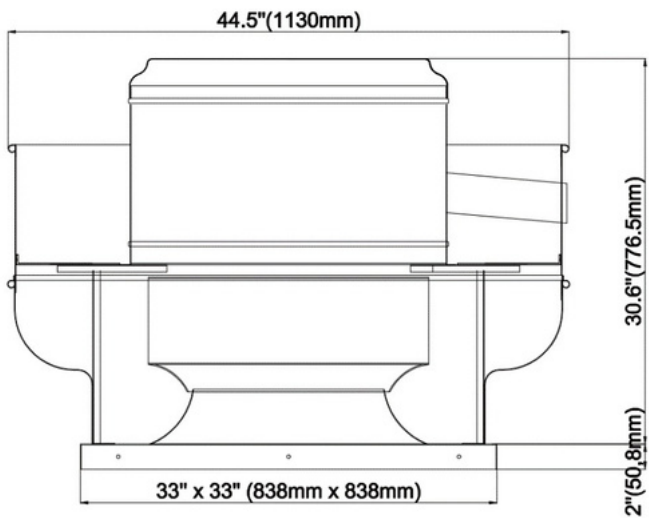
RCU18 Belt drivens



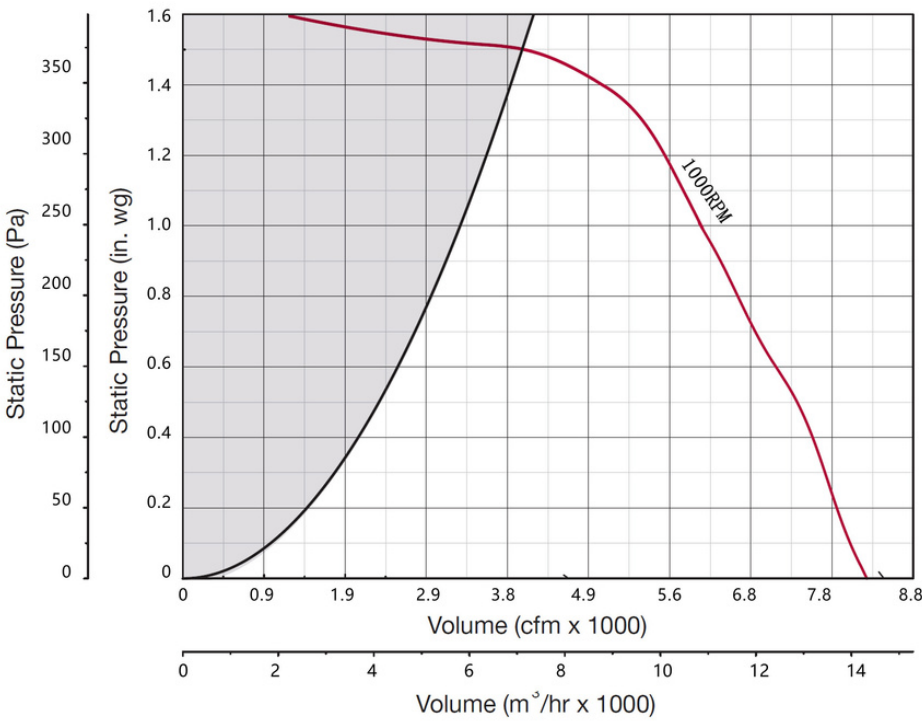
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU18	1.5HP	208V-230V/60Hz	220V/60Hz	1000RPM
	1.5HP	110V-120V/60Hz	380V/60Hz	
	2.0HP	208V-230V/60Hz	220V/60Hz	1250RPM
	2.0HP	110V-120V/60Hz	380V/60Hz	



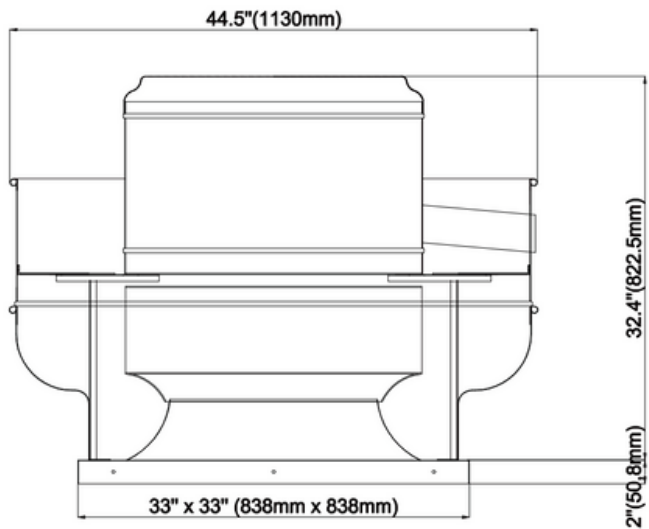
RCU20 Belt drivens



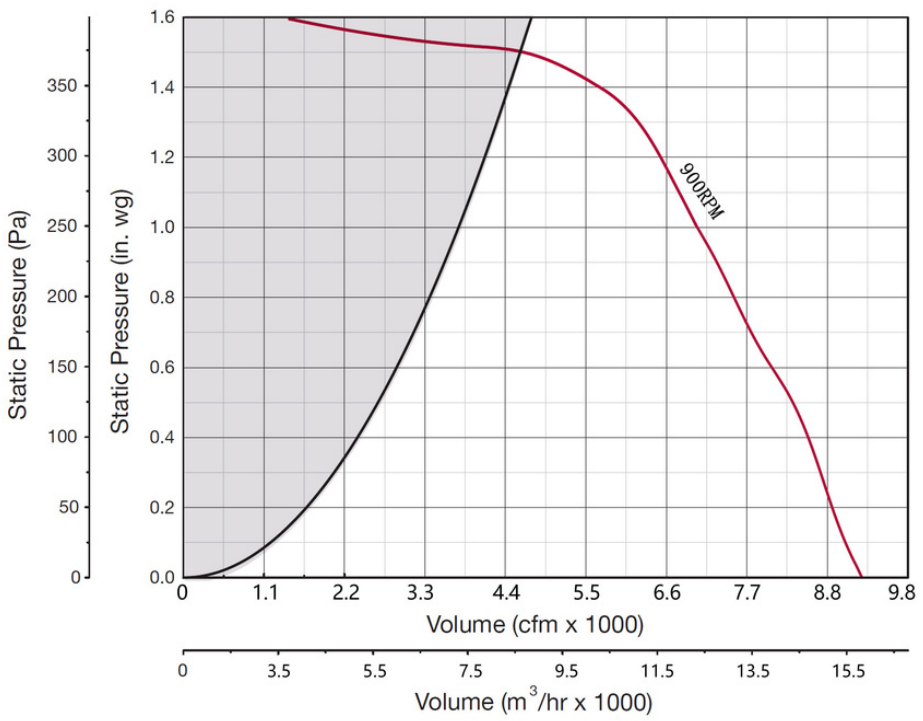
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU20	2.0HP	208V-230V/60Hz	220V/60Hz	1000RPM
	2.0HP	110V-120V/60Hz	380V/60Hz	



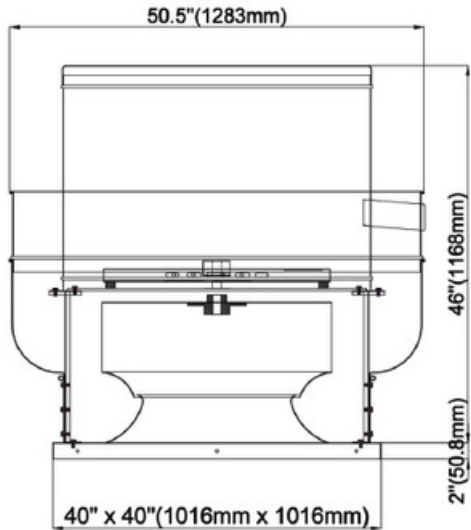
RCU24 Belt drivens



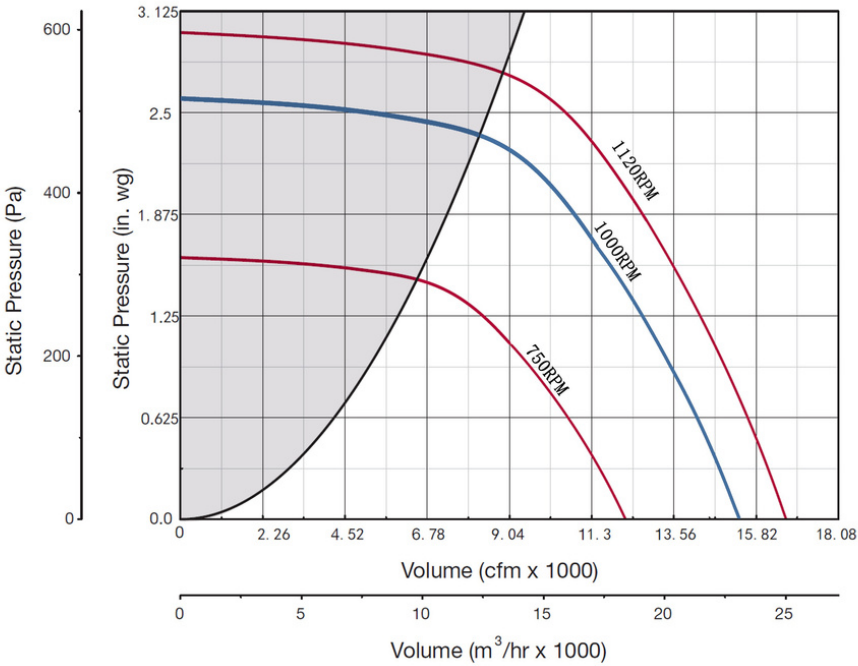
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU24	2.0HP	208V-230V/60Hz	220V/60Hz	900RPM
	2.0HP	110V-120V/60Hz	380V/60Hz	



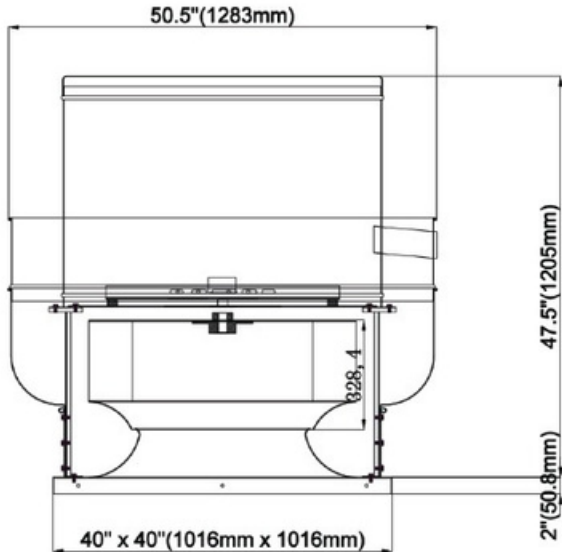
RCU28 Belt drivens



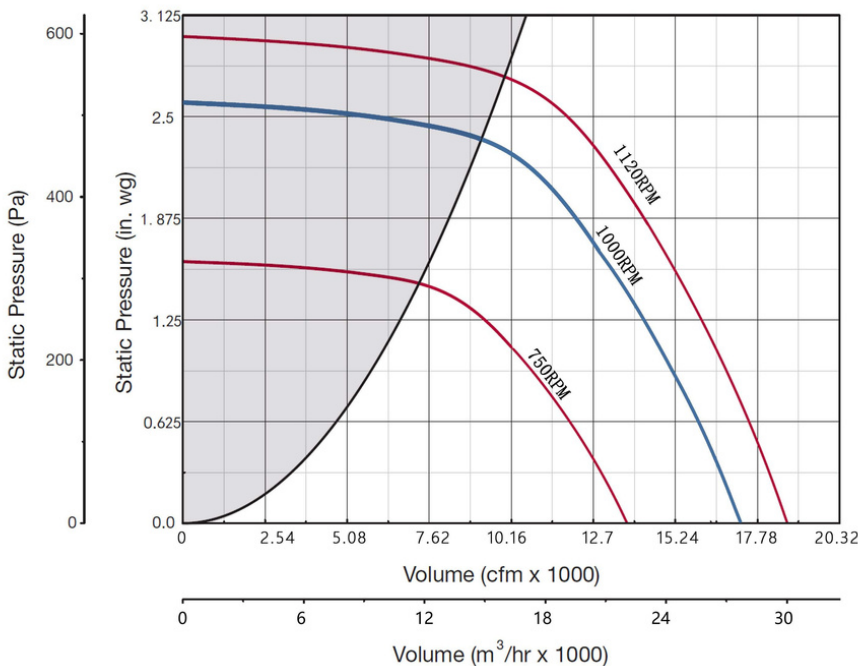
Model	Power	AC Motor 3	Fan Speed
RCU28	3HP	220V/60Hz	750RPM
	3HP	380V/60Hz	
	5.5HP	220V/60Hz	1000RPM
	5.5HP	380V/60Hz	
	7.5HP	220V/60Hz	1120RPM
	7.5HP	380V/60Hz	



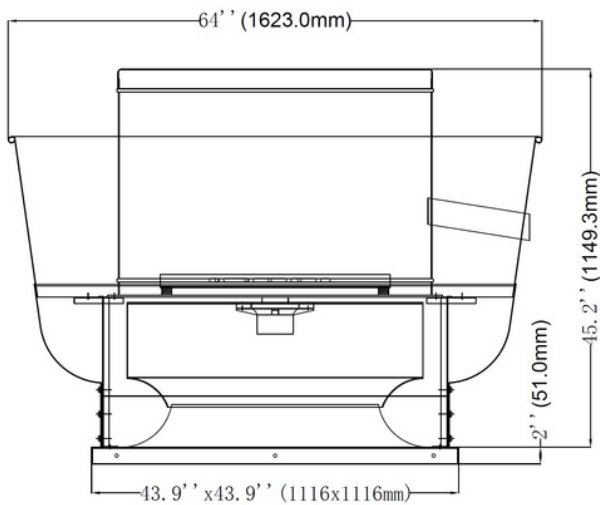
RCU32 Belt drivens



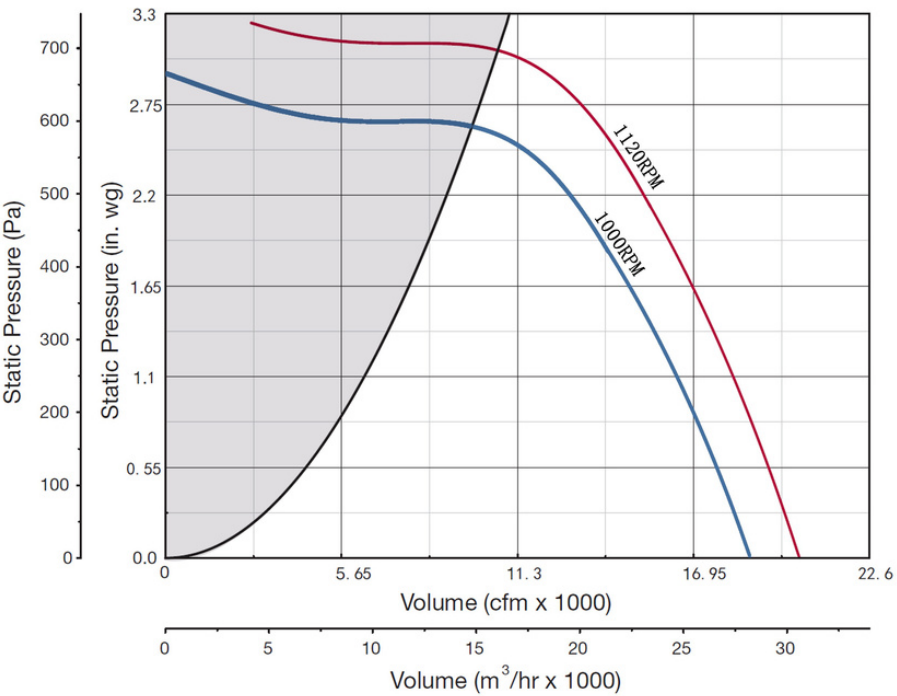
Model	Power	AC Motor 3	Fan Speed
RCU32	5.5HP	220V/60Hz	750RPM
	5.5HP	380V/60Hz	
	7.5HP	220V/60Hz	1000RPM
	7.5HP	380V/60Hz	
	10HP	220V/60Hz	1120RPM
	10HP	380V/60Hz	



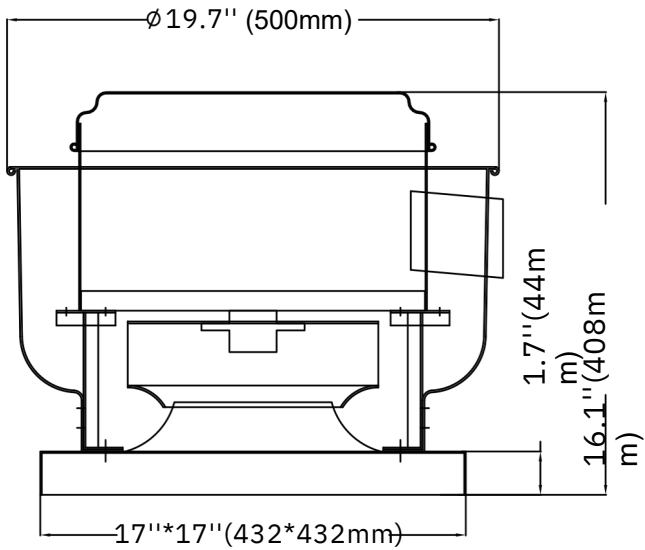
RCU36 Belt drivens



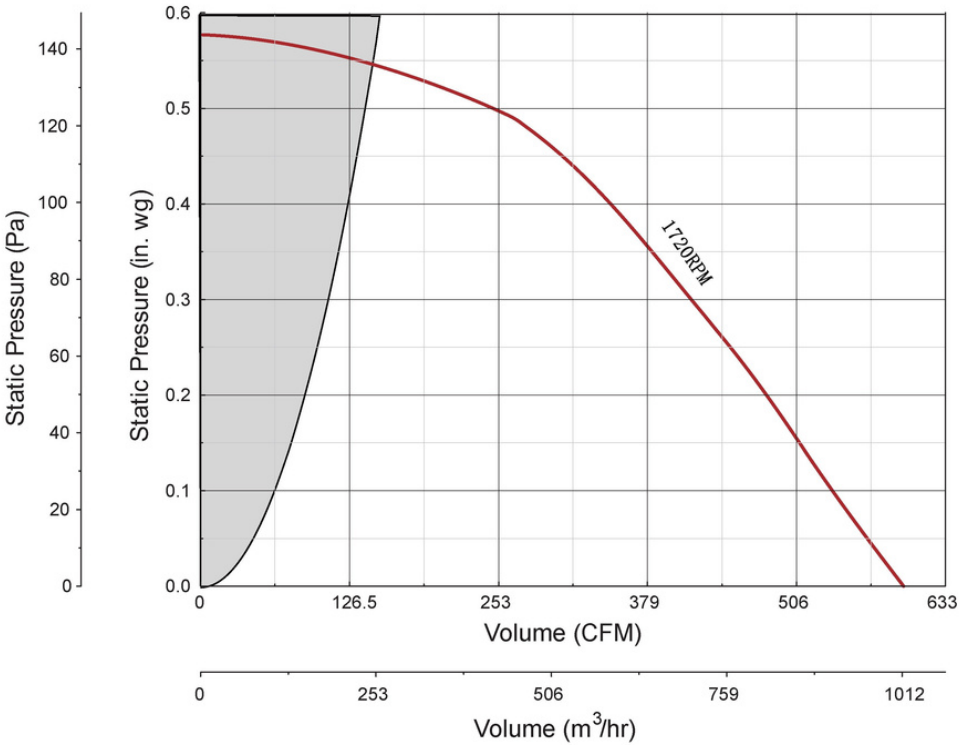
Model	Power	AC Motor 3	Fan Speed
RCU36	10HP	220V/60Hz	1000RPM
	10HP	380V/60Hz	
	15HP	220V/60Hz	1120RPM
	15HP	380V/60Hz	



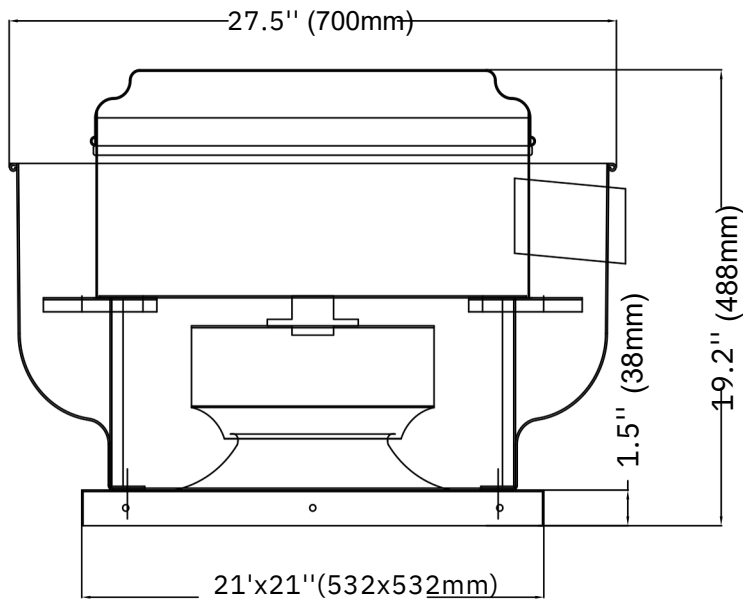
RCU03 Direct Drive



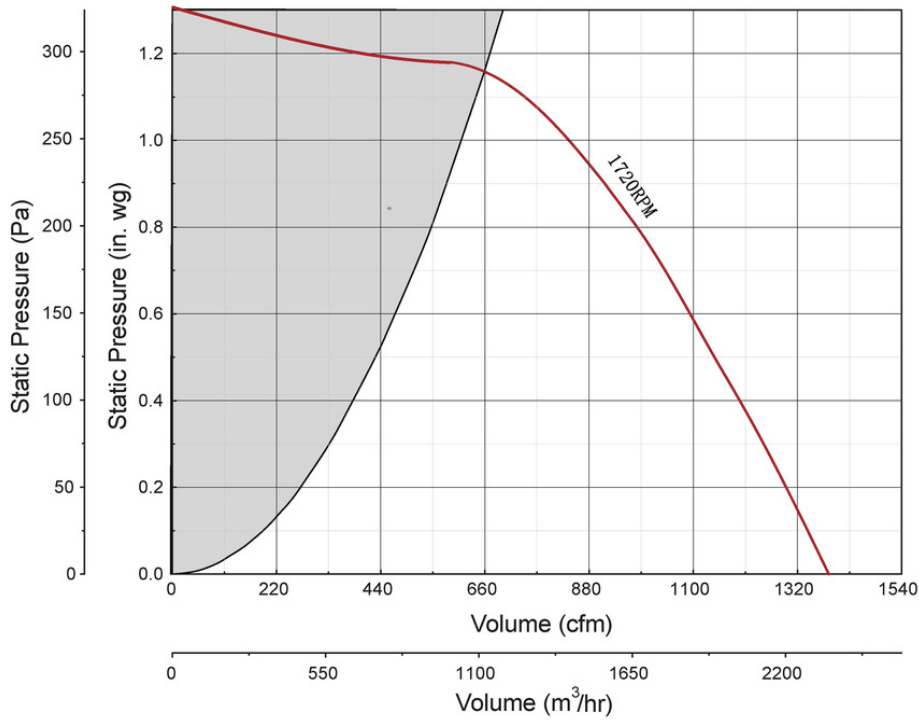
Model	Power	AC Motor 1	Fan Speed
RCU03	1/6HP	208V-230V/60Hz	1720RPM
	1/6HP	110V -120V/60Hz	



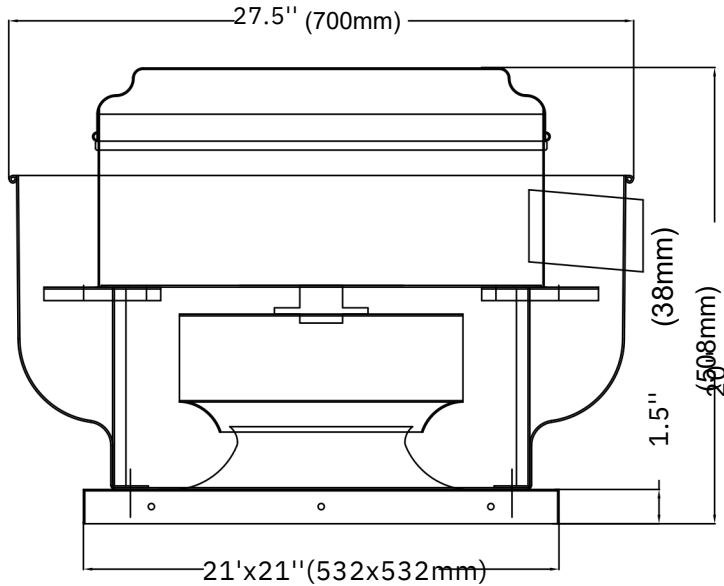
RCU05 Direct Drive



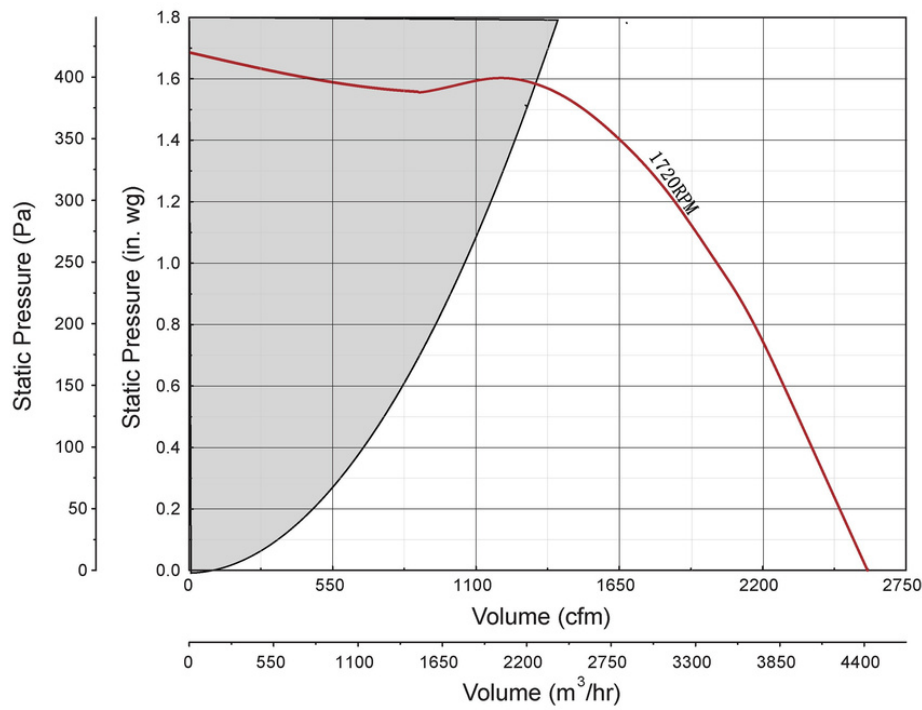
Model	Power	AC Motor 1	Fan Speed
RCU05	1/4HP	220V-230V/60Hz	1720RPM
	1/4HP	110V-120V/60Hz	



RCU08 Direct Drive

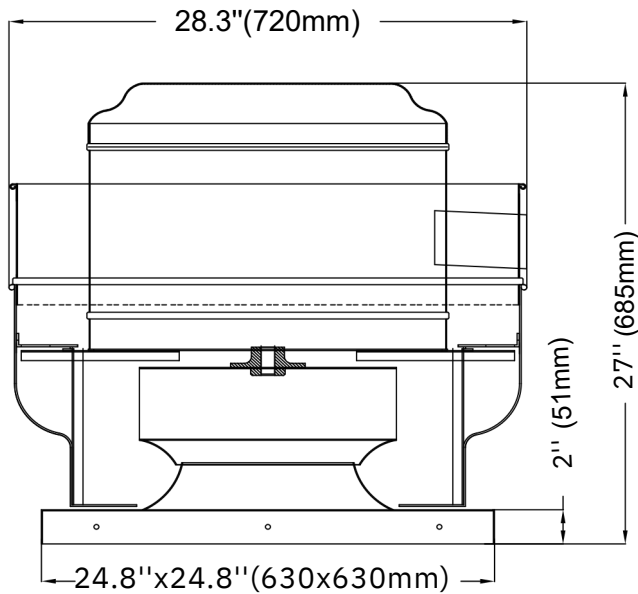


Model	Power	AC Motor 1	Fan Speed
RCU08	1/2HP	208V-230V/60Hz	1720RPM
	1/2HP	110V-120V/60Hz	

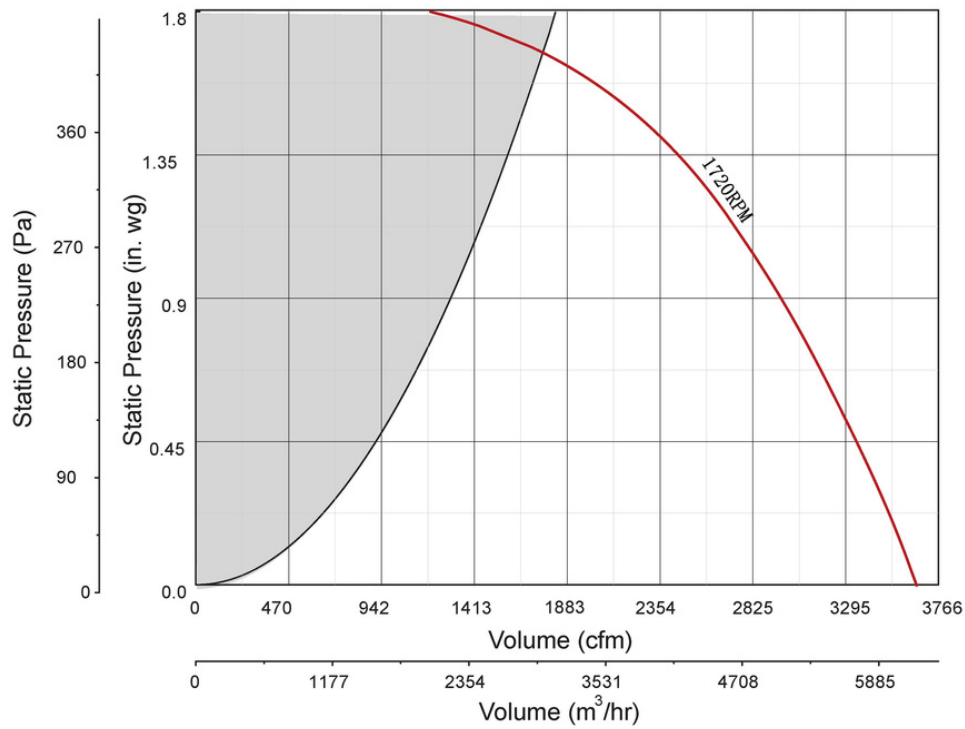




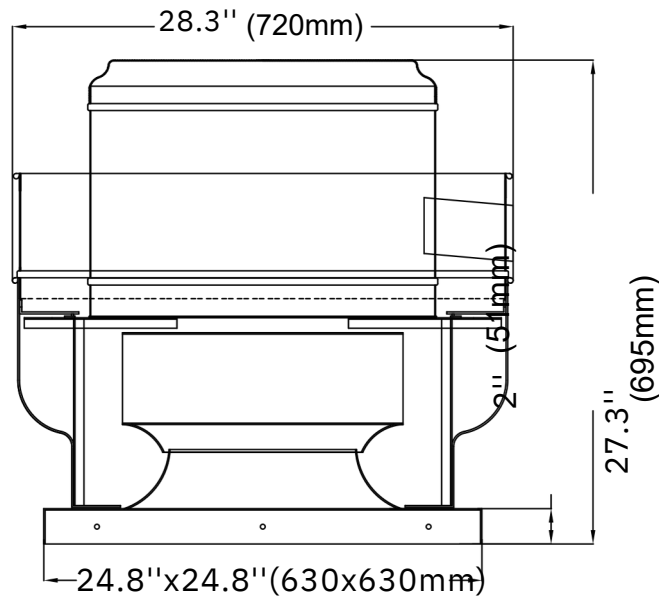
RCU10 Direct Drive



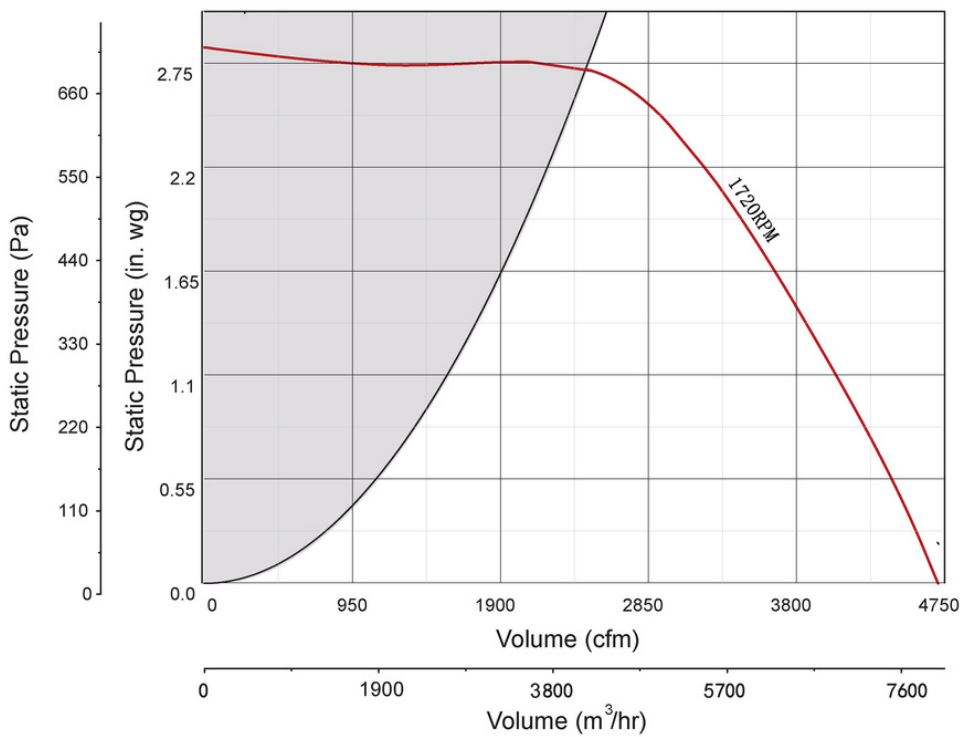
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU10	1HP	208V-230V/60Hz	220V/60Hz	1720RPM
	1HP	110V-120V/60Hz	380V/60Hz	



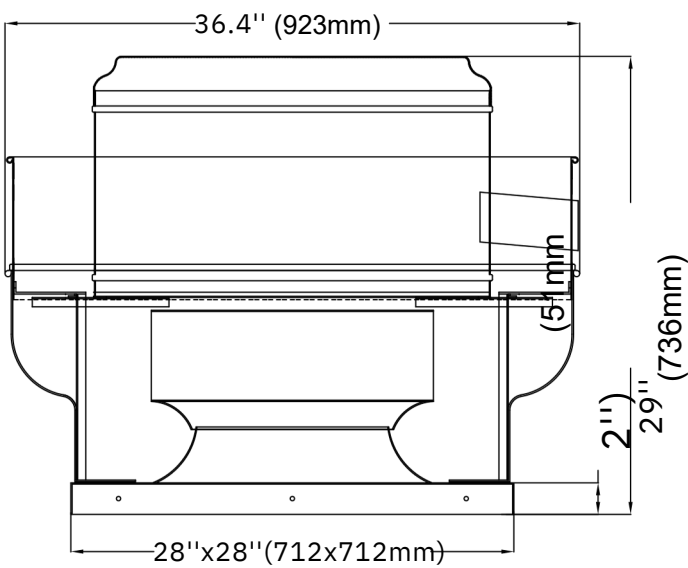
RCU14 Direct Drive



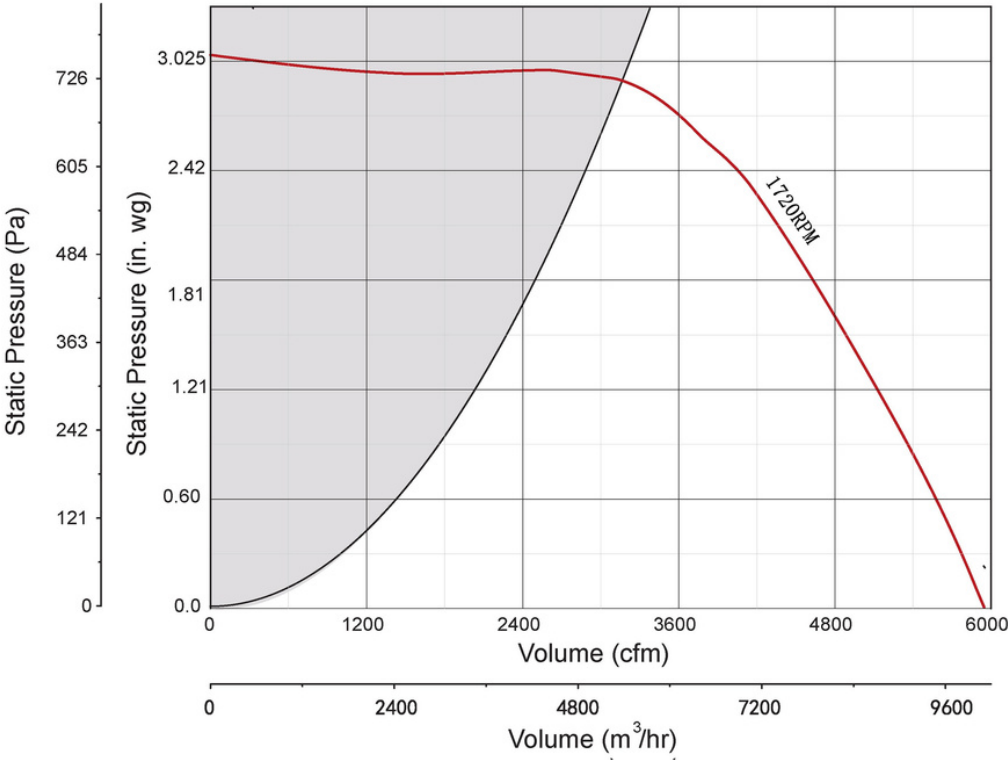
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU14	1.5HP	220V/60Hz	220V/60Hz	1720RPM
	1.5HP	120V/60Hz	380V/60Hz	



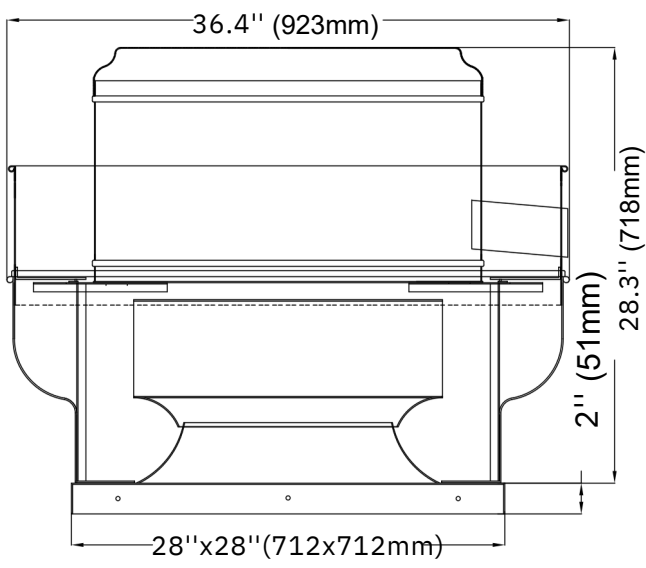
RCU16 Direct Drive (1720RPM)



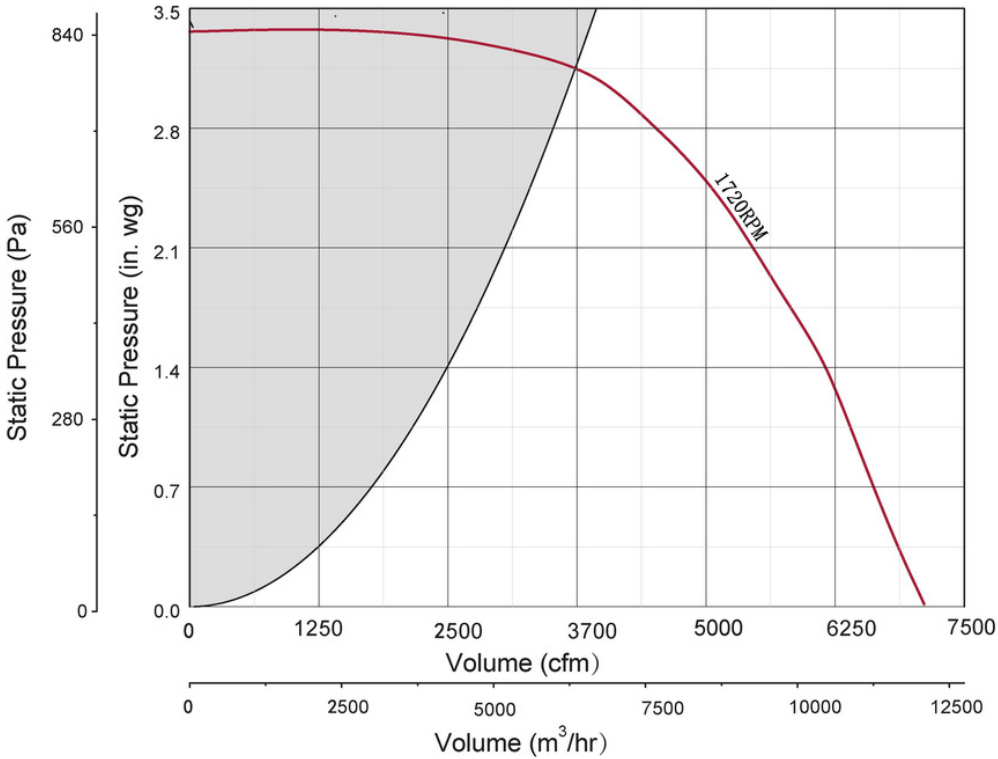
Model	Power	AC Motor 1	AC Motor 3	Fan Speed
RCU16	2HP	208V-230V/60Hz	220V/60Hz	1720RPM
	2HP	110V-120V/60Hz	380V/60Hz	



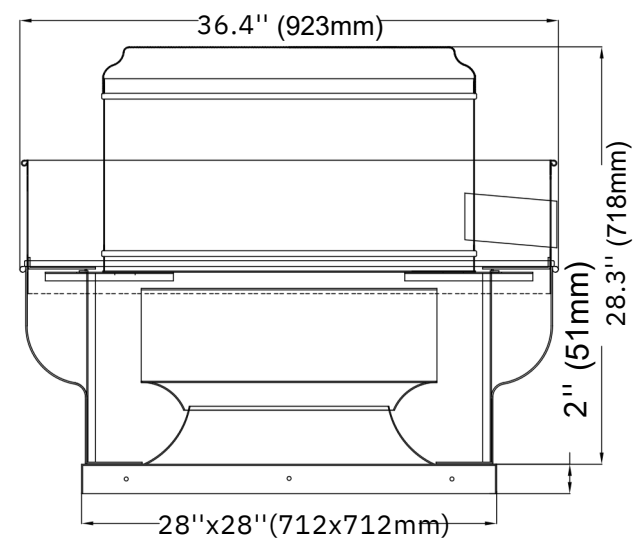
RCU18 Direct Drive (1720RPM)



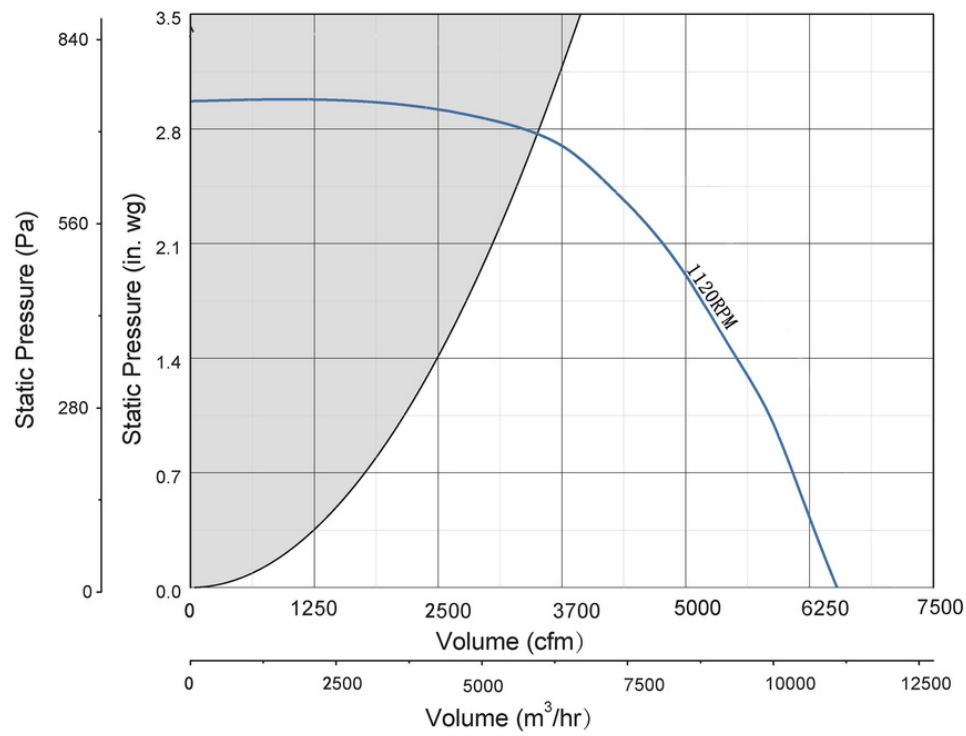
Model	Power	AC Motor 3	Fan Speed
RCU18	3HP	208-230V/60Hz	1720RPM



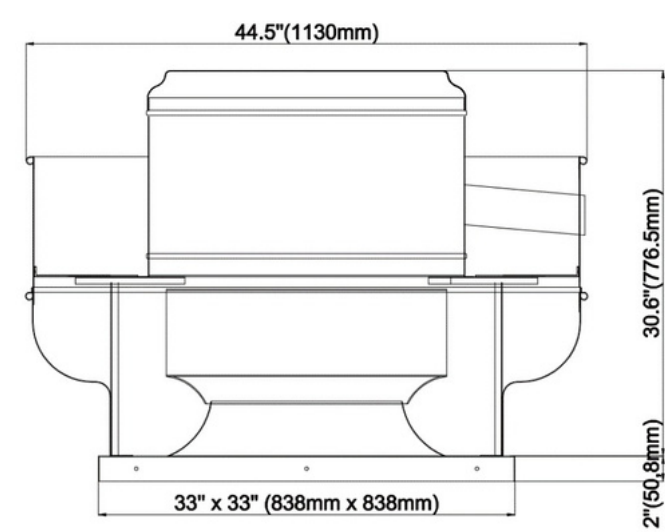
RCU18 Direct Drive (1120RPM)



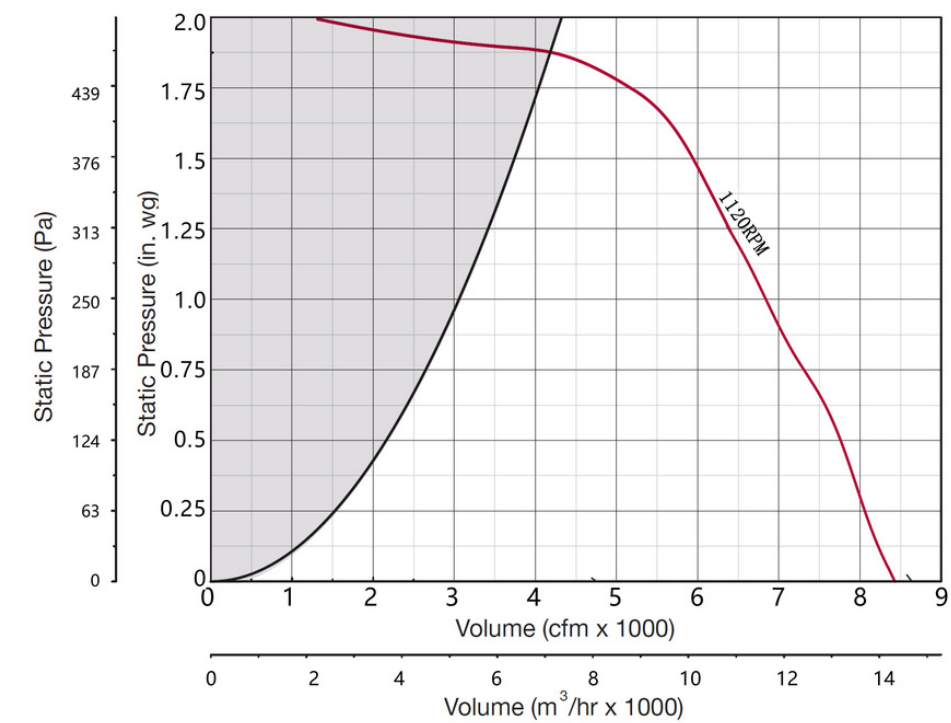
Model	Power	AC Motor 3 208-230V/60Hz	Fan Speed
RCU18	2HP		1120RPM



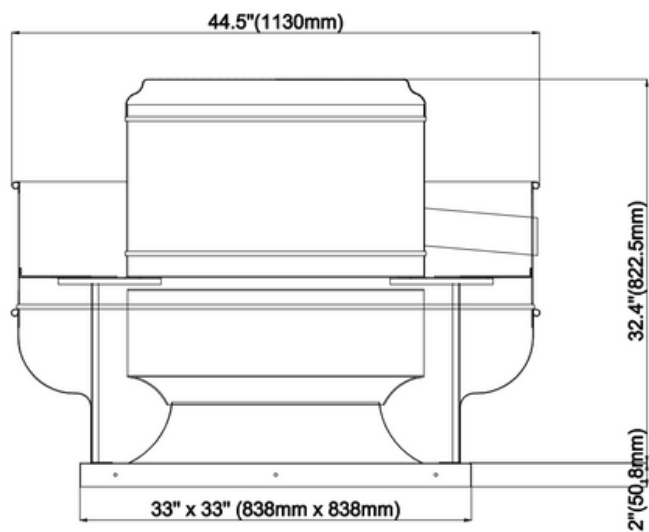
RCU20 Direct Drive



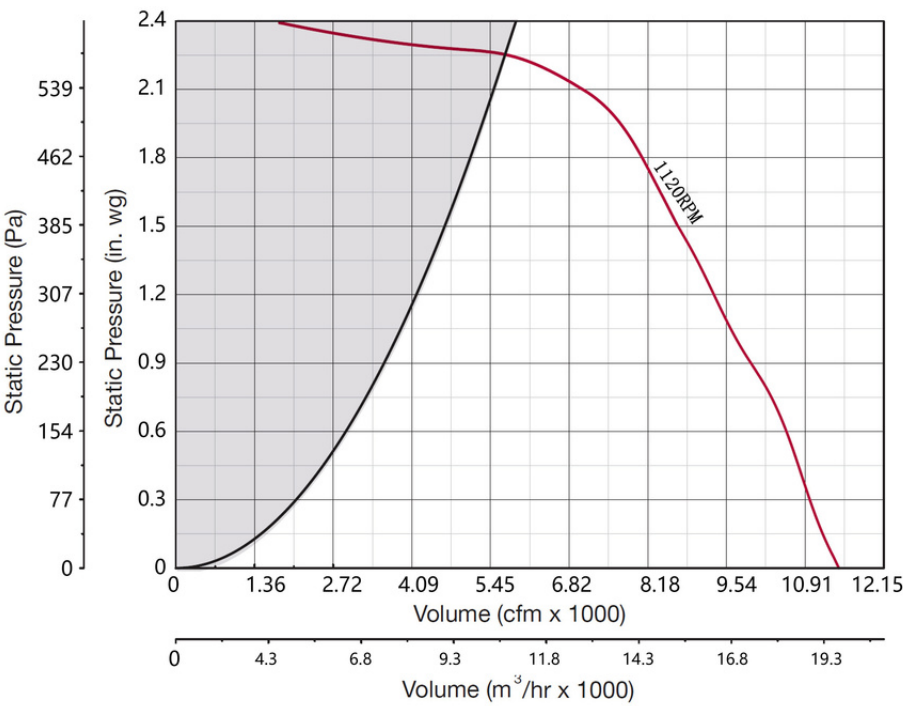
Model	Power	AC Motor 1 208V-230V/60Hz	AC Motor 3 220V/60Hz 380V/60Hz	Fan Speed
RCU20	2.0HP	208V-230V/60Hz	220V/60Hz	1120RPM
	2.0HP	110V-120V/60Hz	380V/60Hz	



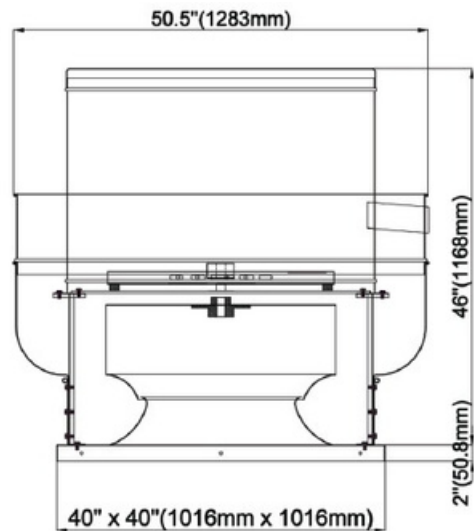
RCU24 Direct Drive



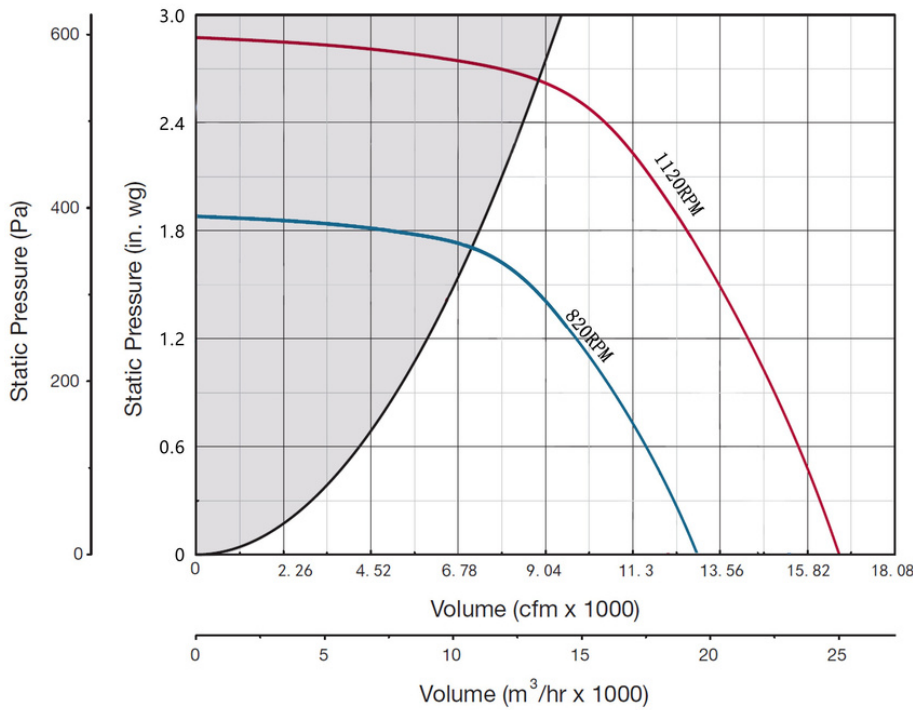
Model	Power	AC Motor 3	Fan Speed
RCU24	4.0HP	220V/60Hz	1120RPM
	4.0HP	380V/60Hz	
	4.0HP	380V/60Hz	



RCU28 Direct Drive

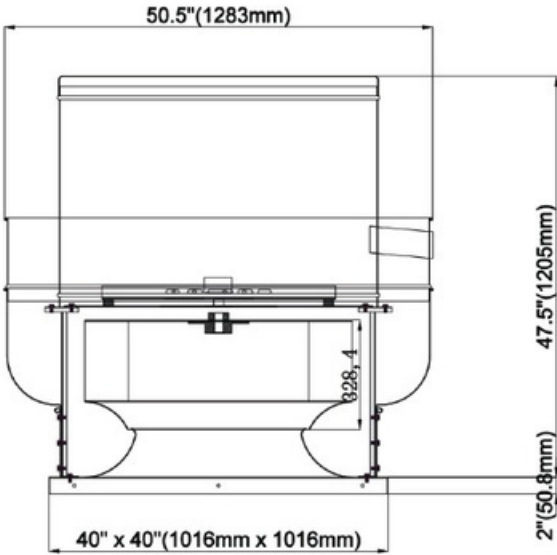


Model	Power	AC Motor 3	Fan Speed
RCU28	4HP	220V/60Hz	820RPM
	4HP	380V/60Hz	
	7.5HP	220V/60Hz	1120RPM
	7.5HP	380V/60Hz	

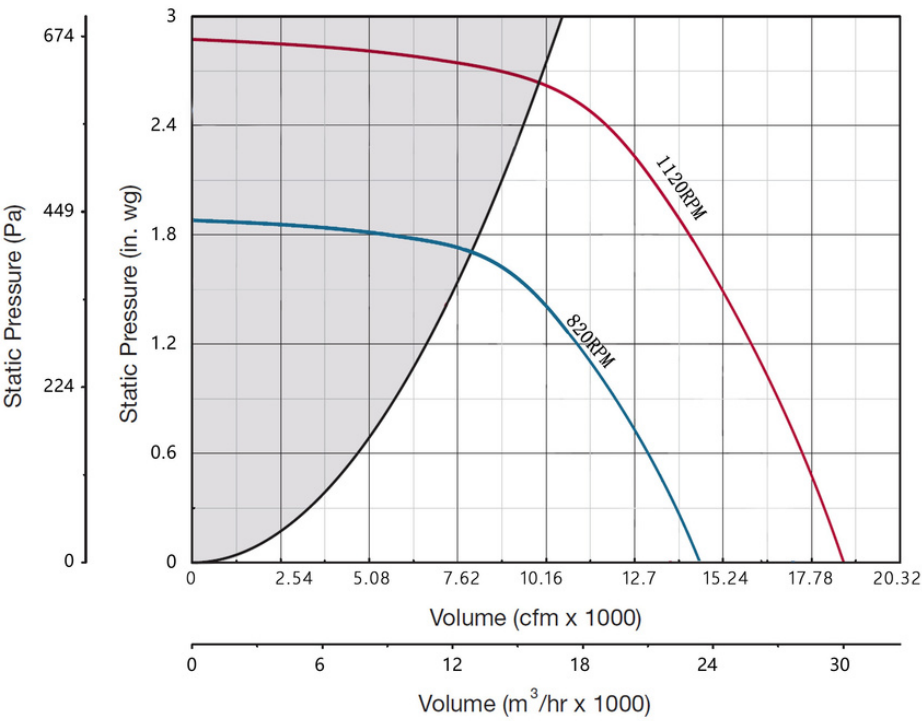




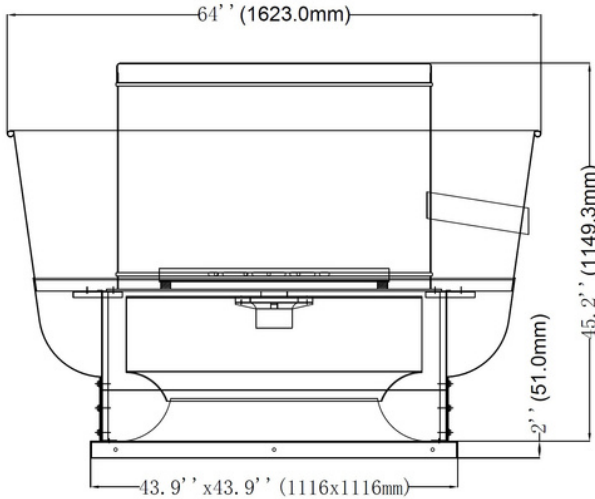
RCU32 Direct Drive



Model	Power	AC Motor 3	Fan Speed
RCU32	5.5HP	220V/60Hz	820PM
	5.5HP	380V/60Hz	
	10HP	220V/60Hz	1120RPM
	10HP	380V/60Hz	



RCU36 Direct Drive



Model	Power	AC Motor 3	Fan Speed
RCU36	7.5HP	220V/60Hz	820RPM
	7.5HP	380V/60Hz	
	15HP	220V/60Hz	1120RPM
	15HP	380V/60Hz	

