



SDZ Cabinet Blower are designed to provide efficient and reliable operation for commercial and extractive industry. Our products are manufactured with state of the art laser, forming, spinning and welding equip-ment and ensure our quality control testing to ensure trouble free start-up. Our SDZ Cabinet Blower are including industry leading design features to ensure your ventilation equipment has the latest technologies available

Typical application includes:



kitchen air

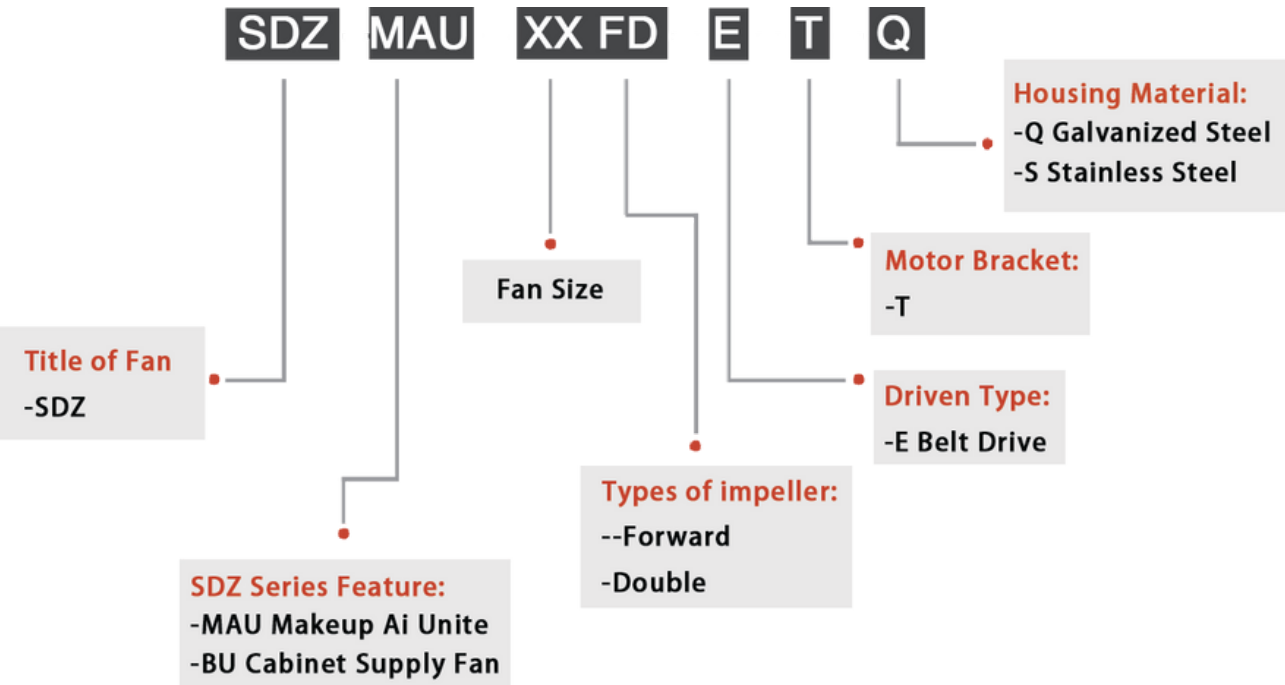


Low noise Industry

Main feature with SDZ Cabinet Blower

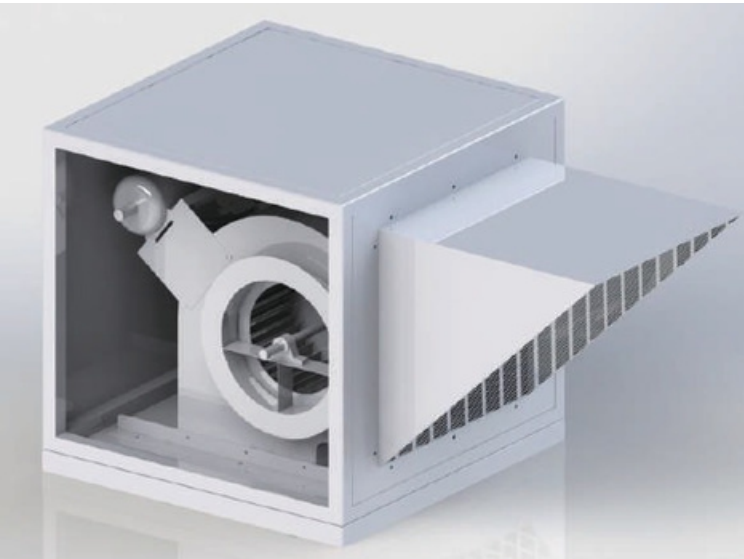
- Full mold, full welded structure, galvanized sheet or stainless steel housing
- Technology axial impeller with higher efficiency and lower noise
- Compact design, easy to install
- It is designed for direct connection in line with standard diameter circular ducting
- Chinese Energy Saving label
- ISO9001:2000 controllable standard

SDZ Supply Fan Model Number Code



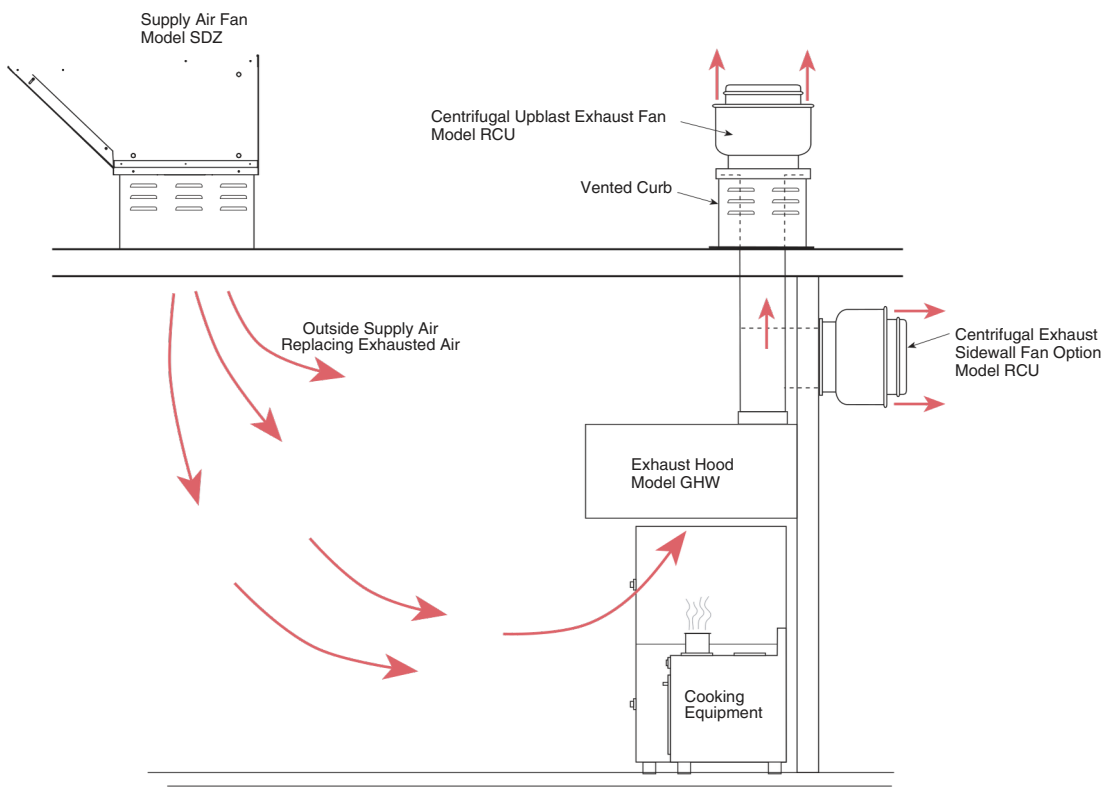
SDZ-MUA-XXFD Structure

SDZ-MUA Series : The product is made in carbon steel with double-inlet wheel, which is cutting,by laser to ensure high-precision mold line. Driven cavity cover adopt galvanized material, whichcan open with hands, and convenient to daily cleaning maintenance. Different ways of motor withdifferent transmission need to select different motor bracket. The impeller adopts laser cuttingtechnology and die stretch forming. A different work environment needs to adopt different impeller material. Carbon steel, stainless steel and aluminum alloy impeller are optional.. Impeller balance test grades are in strict accordance with the G4.0 ISO1940, and meet its requirements.





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 Used to Determine The Minimum Kitchen Hood Exhaust Cfm. Some Local Codes Require 100 CFM/ft² 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.

Duty Level	Type of Cooking Equipment	CFM/ft ² of Hood
Light	Oven, Range, Kettle	50
Medium	Fryer, Griddle	75
Heavy	Charbroiler, Electric Broiler	100

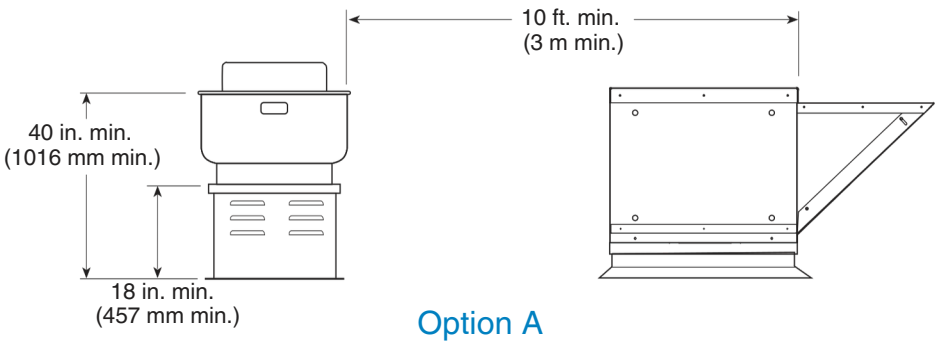
Static pressure typically ranges from 0.625 to 1.0 in. for one story buildings.

NFPA Considerations

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

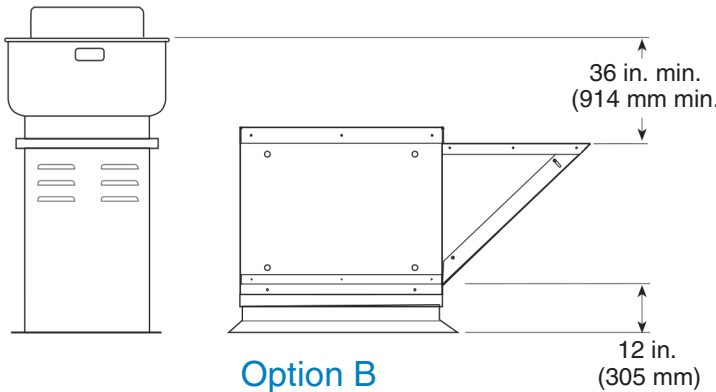
Option A

- 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

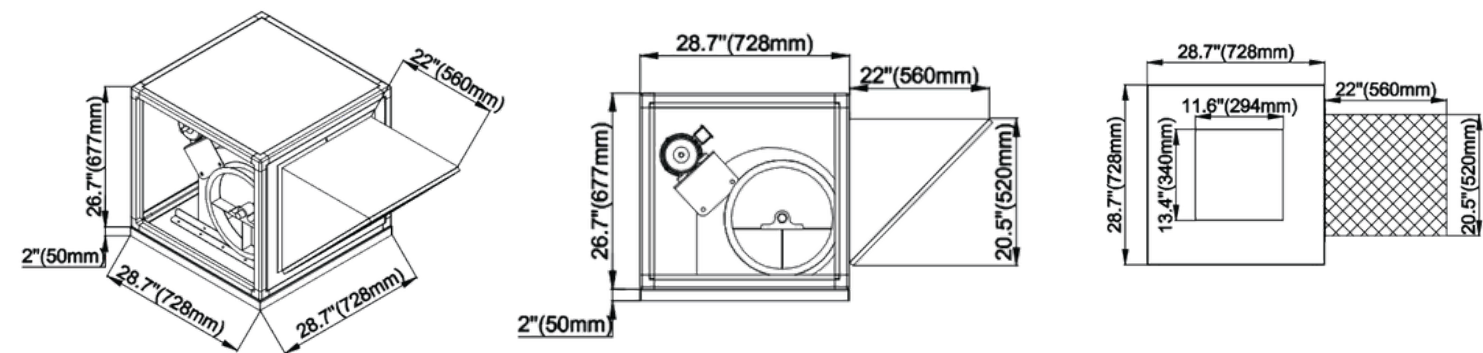


Option B

For Applications 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.)



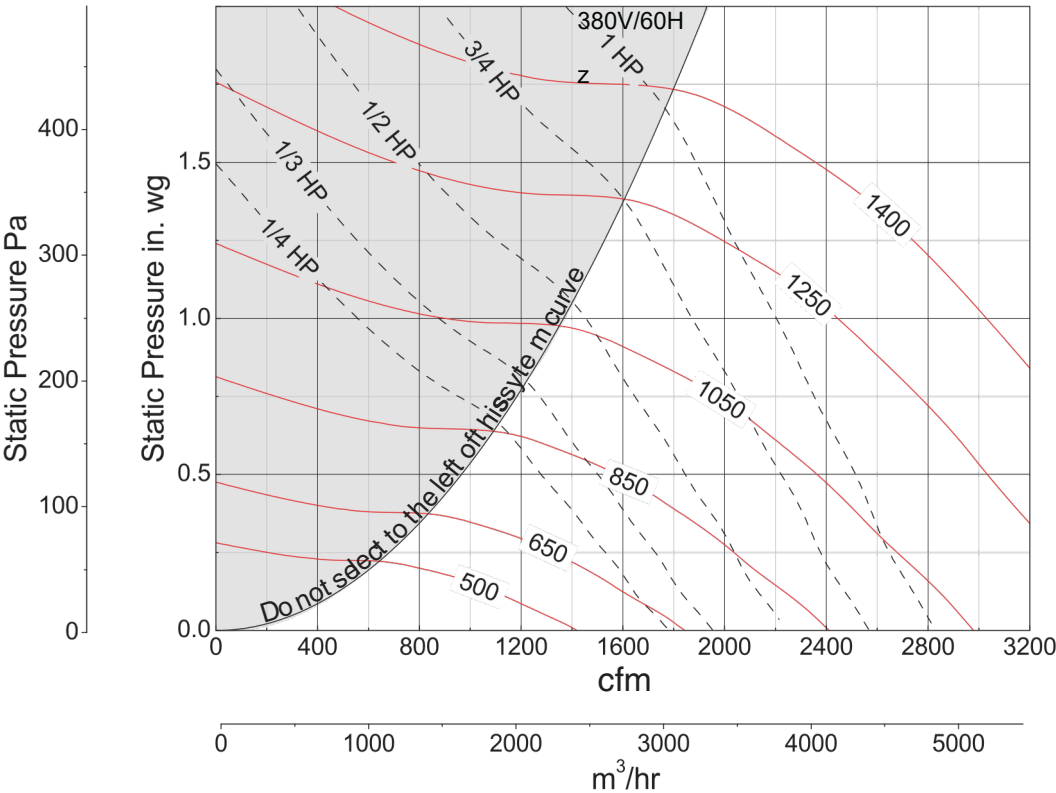
SDZ-MUA 10



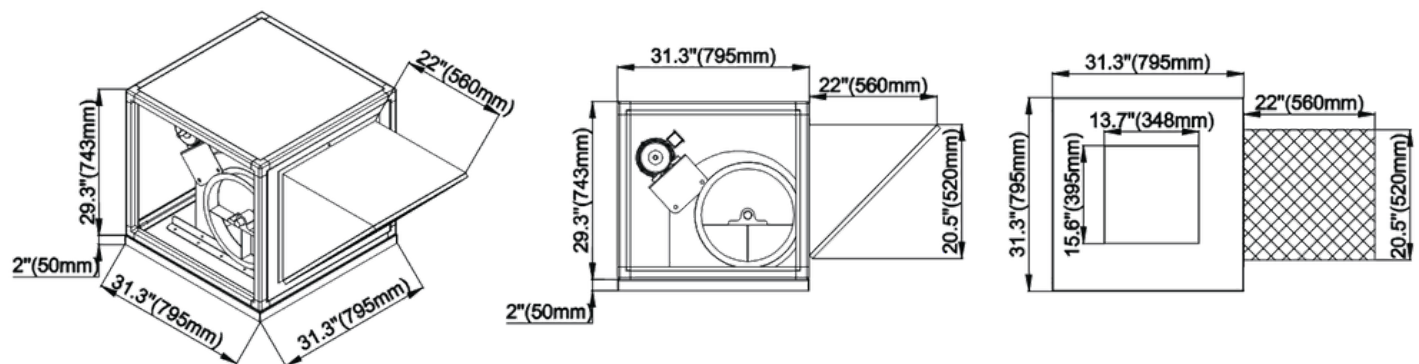
Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
SDZ10	0.75H P	220V/60Hz	220V/60H	950RPM (recommend)	10inc h
	0.75H P		z		
	1HP	220V/60Hz	380V/60H	1050RPM (optional)	
	1HP		z		

220V/60H

z



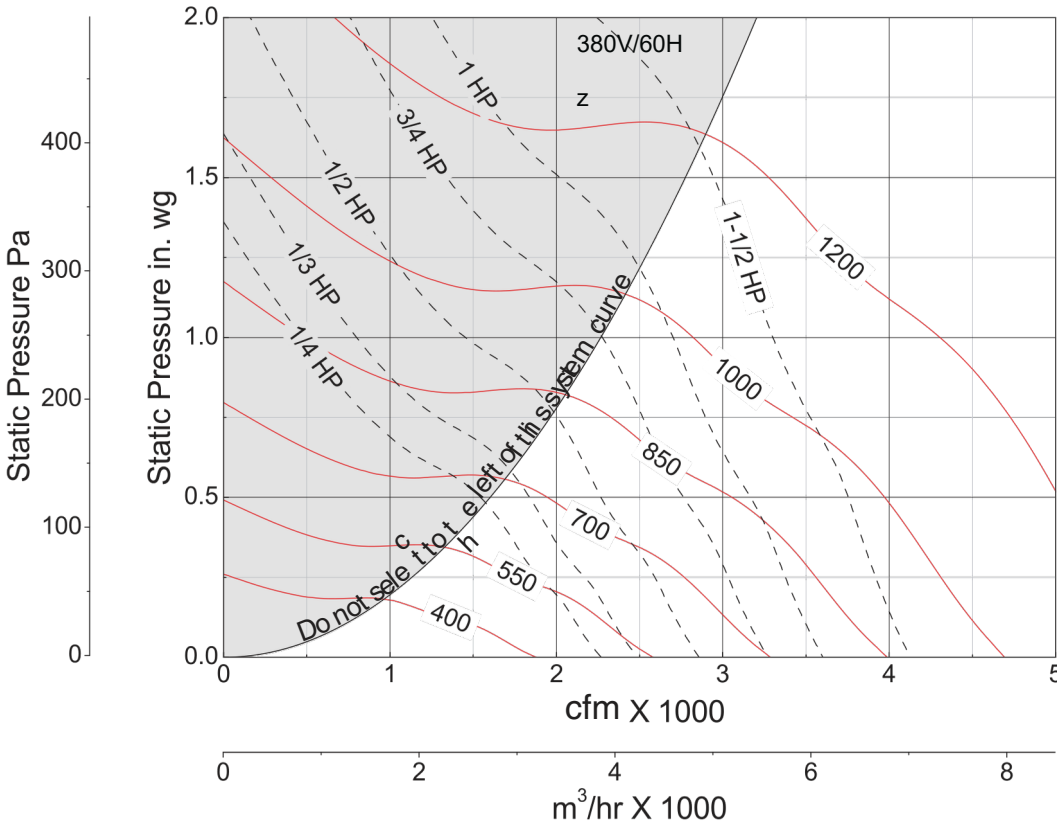
SDZ-MUA 12



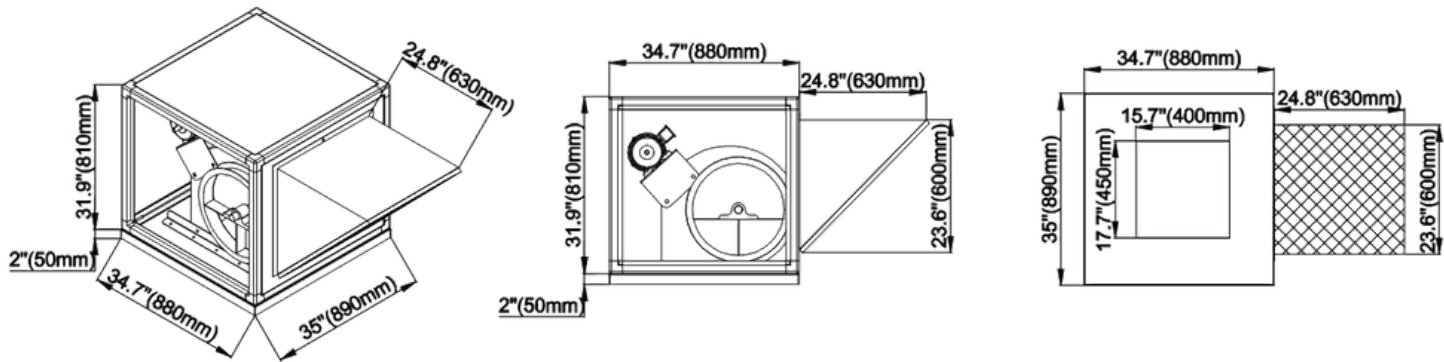
Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
SDZ12	1HP	220V/60Hz	220V/60H	820RPM (recommend)	12inc h
	1HP		z		
	1.5H P	220V/60Hz	380V/60H	950RPM (optional)	
	1.5H P		z		

220V/60H

z

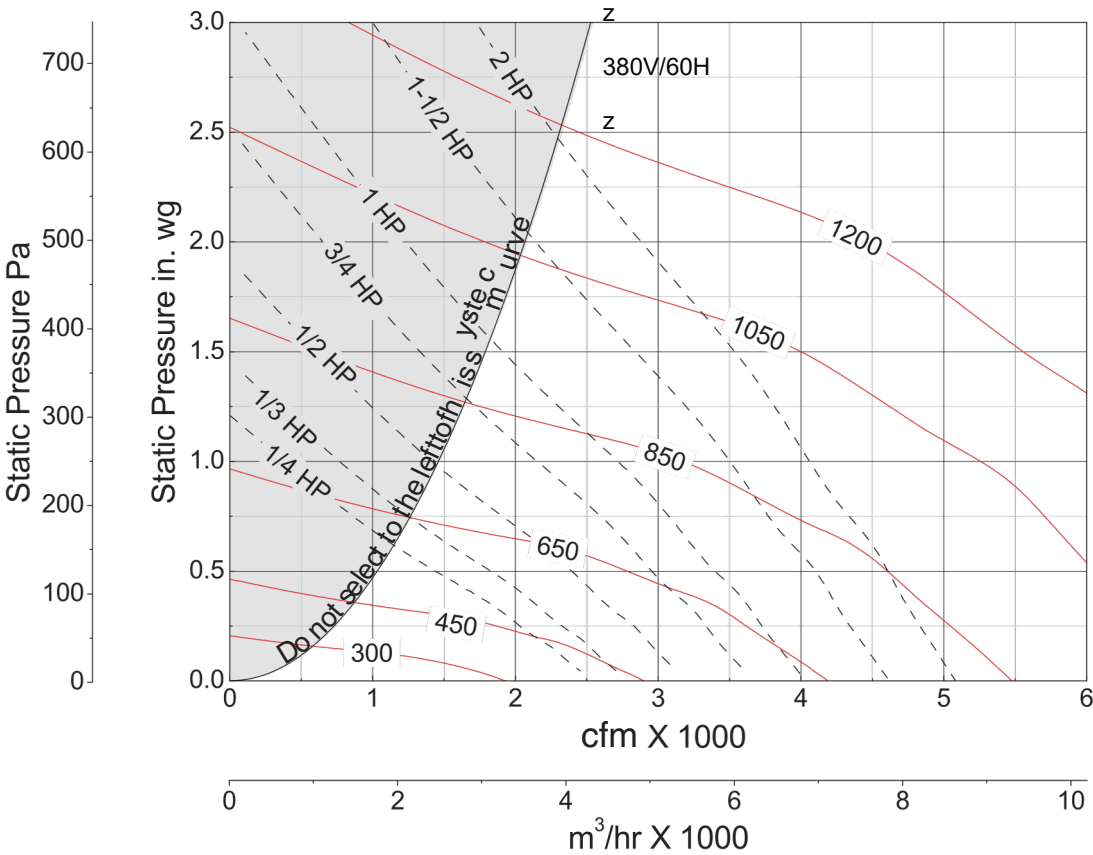


SDZ-MUA 15

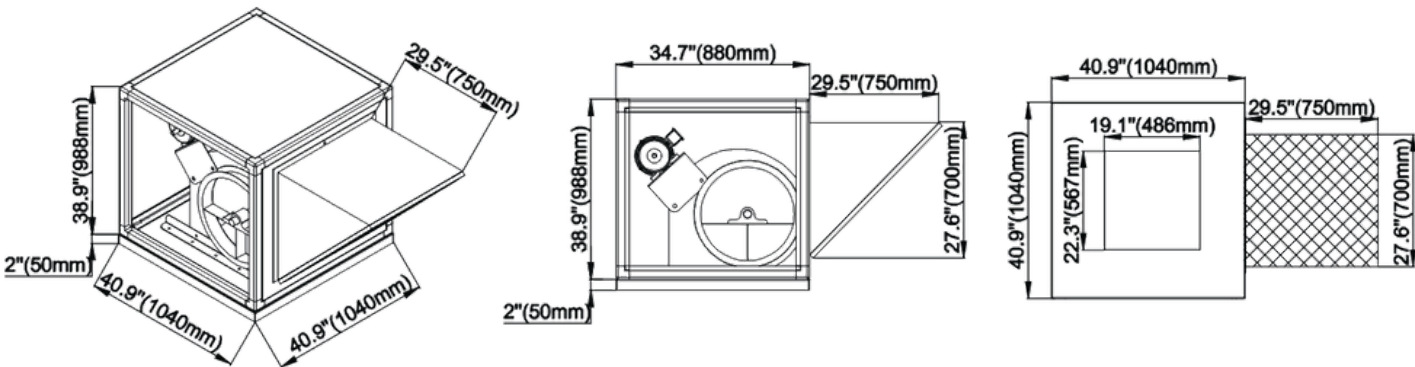


Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
SDZ15	1.5H P	220V/60Hz	220V/60H	750RPM (recommend)	15inc h
	1.5H P		z		
	2HP	220V/60Hz	380V/60H	920RPM (optional)	
	2HP		z		

220V/60H



SDZ-MUA 18



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
SDZ18	1.5H P	220V/60Hz	220V/60H	610RPM (optional)	18inc h
	1.5H P		z		
	2HP	220V/60Hz	380V/60H	710RPM (recommend)	
	2HP		z		
	3HP	None	220V/60H	800RPM (recommend)	
	3HP		z		

380V/60H

