



CHA Square Inline Fan



CHA Square Inline Fan 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 equipment and ensure our quality control testing to ensure trouble free start-up. OurCHA Suare Inline Fan are including industry leading design features to ensure your ventilation equipment has the latest technologies available

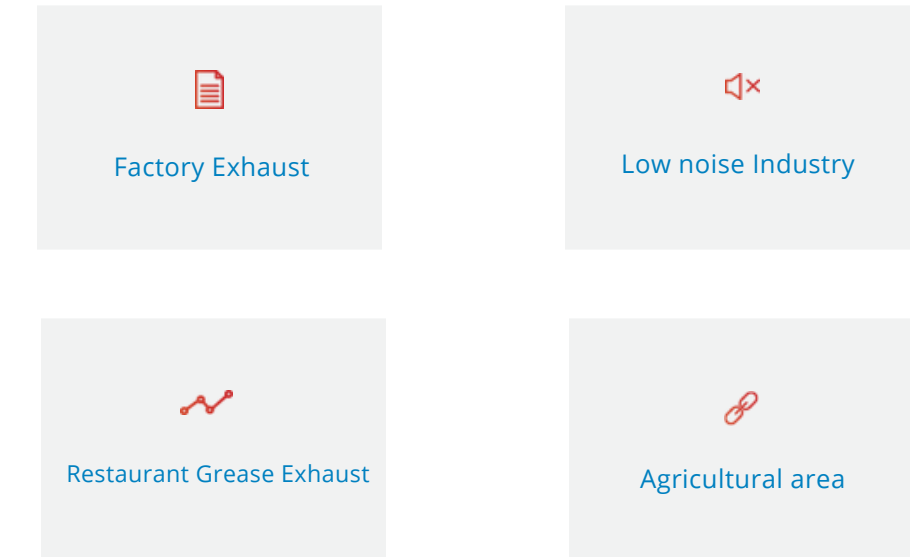


Main Features With RCD Series

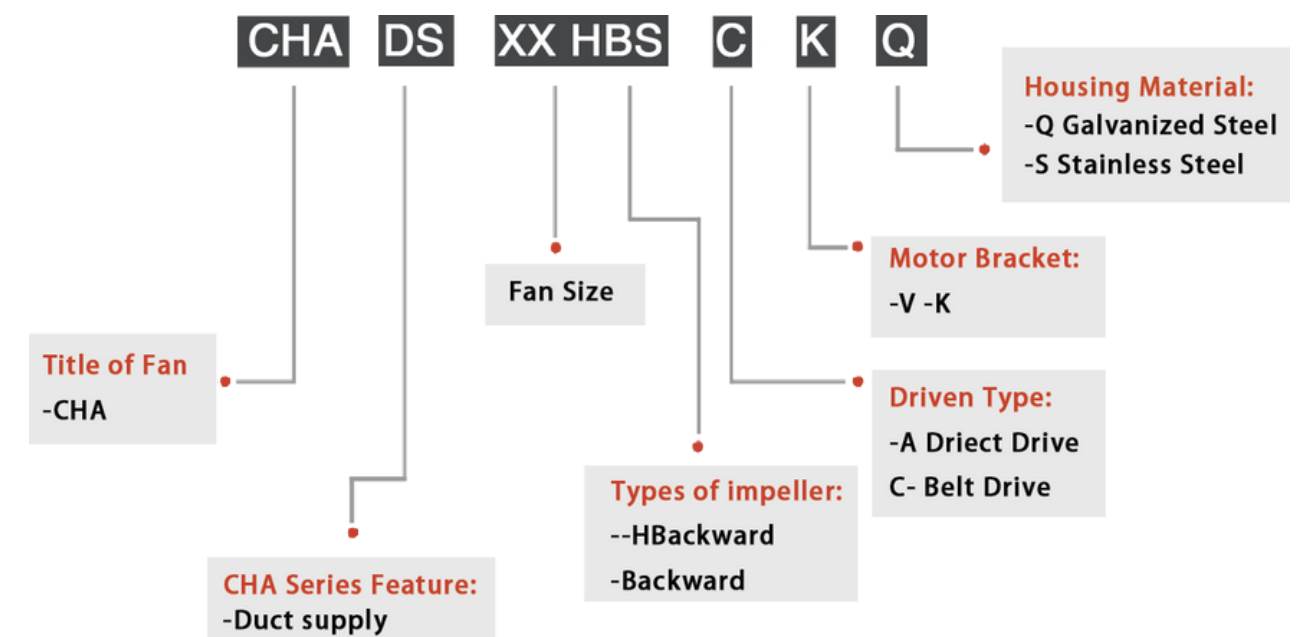
- Full mold, full welded structure, galvanized sheet or stainless steel housing
- Technology axial impeller with higher efficiency and lower noise
- Compact design, easy to install
- It is designed for direct connection in line with standard diameter circular ducting
- Chinese Energy Saving label
- ISO9001:2000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

Typical application includes:

Every CHA Has Been Test For Three Different Planes Before Package.

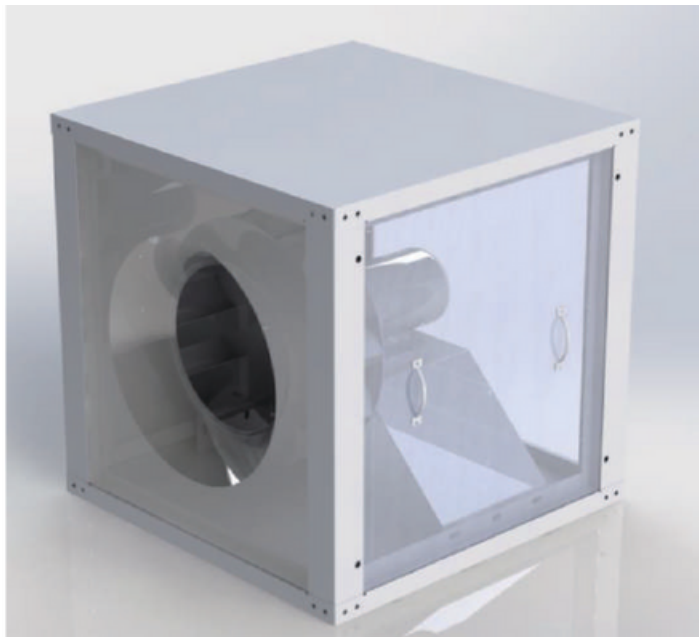


Mixed Fan Model Number Code



CHA Structure

The product is made in carbon steel with aluminum alloy wheel, which is cutting, by laser to ensure high-precision mold line. 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.. Impeller balance test grades are in strict accordance with the G4.0 ISO1940, and meet its requirements. In this series, CHA Square inline fan use aluminum alloy wheel.



Discharge position

The side discharge option helps to reduce system effect. It will increase performance and reduce installation labor. The most notable is reducing system effects. Note: The figure 1 example shows the air being discharged into the corner. It will take several duct lengths before the airflow becomes laminar or smooth again after making the turn. In figure 2, the fan is placed in the corner using a side discharge. In this configuration the air flow pattern at discharge is smooth and supports a more predictable system. Remember the duct length on the discharge side, should be approximately two to three wheel diameters to achieve catalog performance.

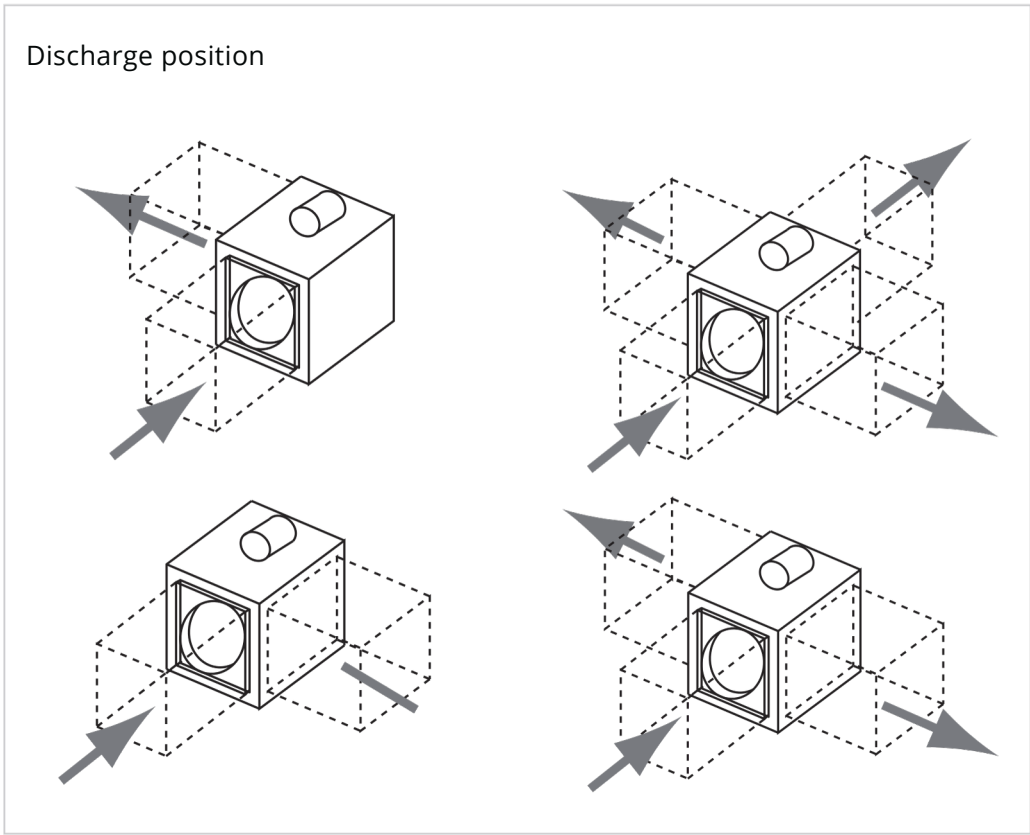
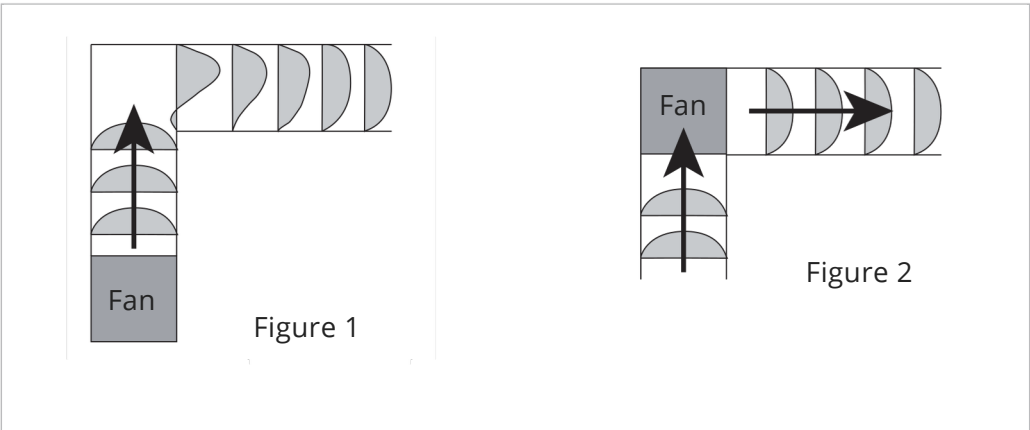
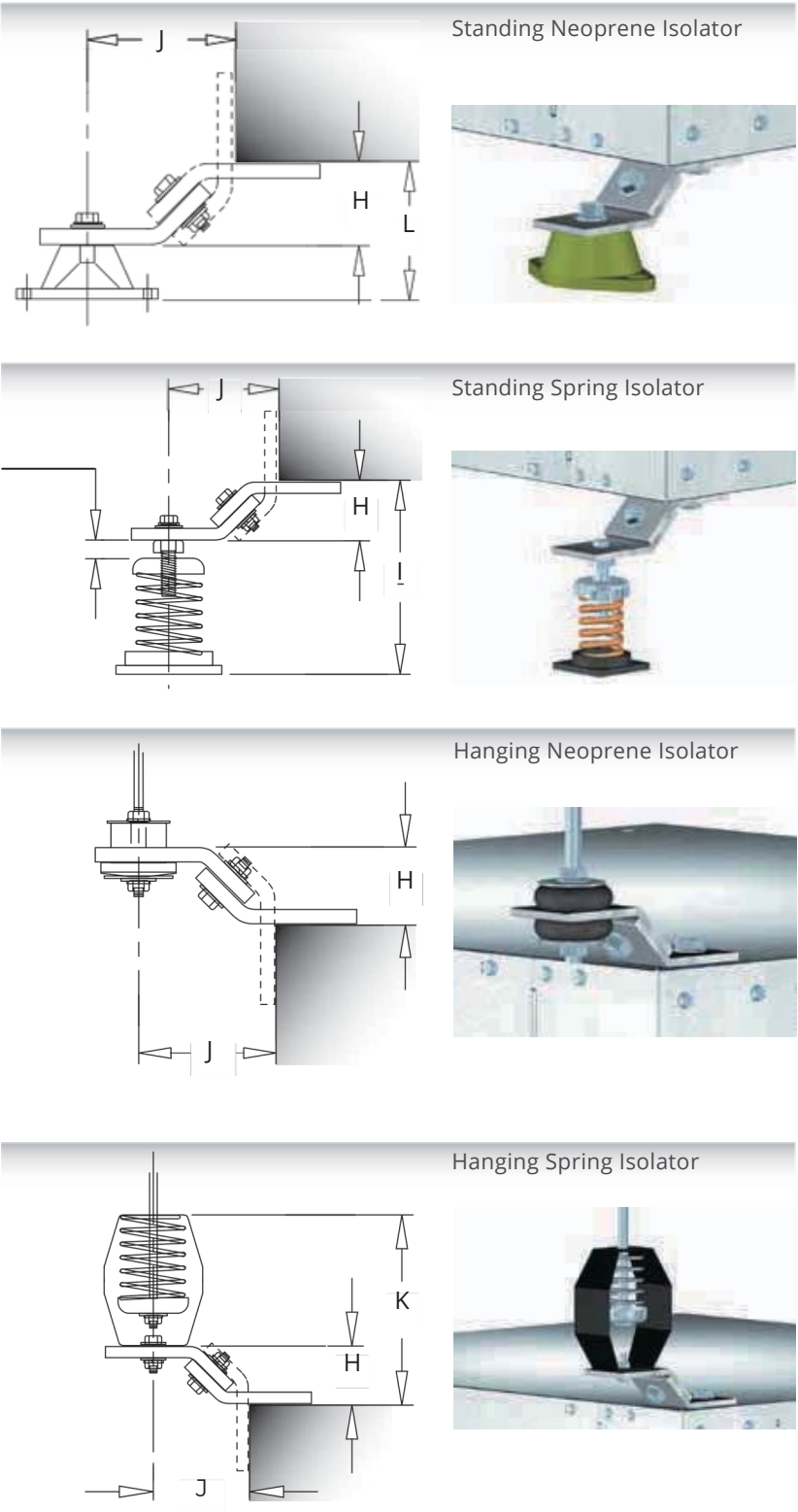


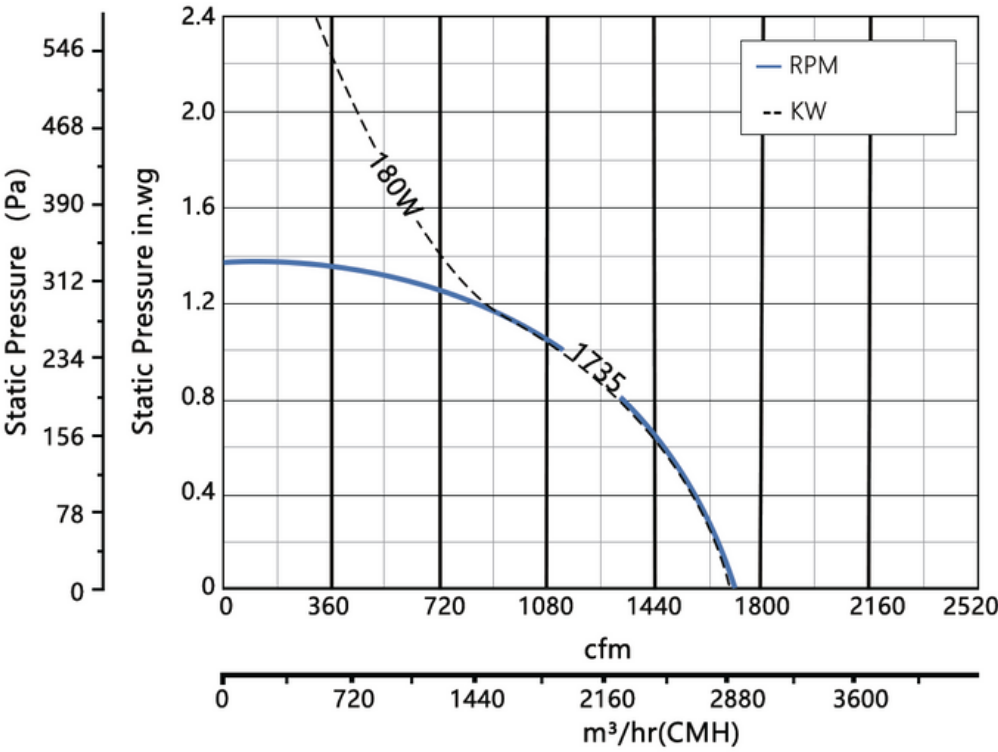
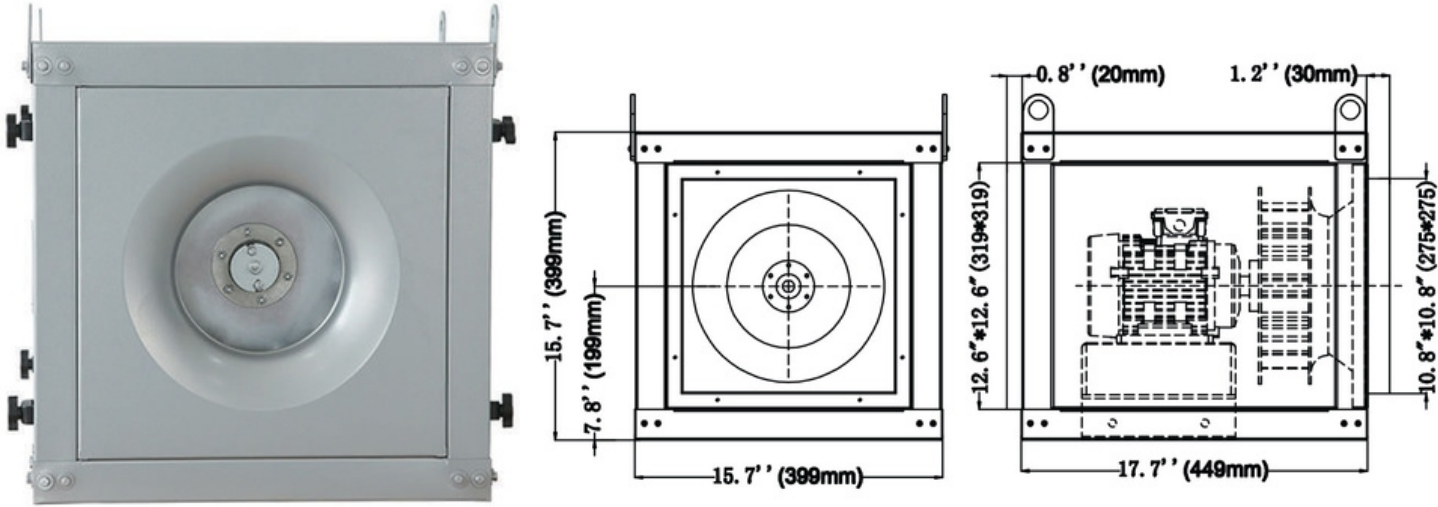
Figure 3

Base Mount or Hanging Isolators

Complete Isolation Kits Are Available With Either Neoprene Or Spring Isolators And Are Sized To Match The Weight Of The Specified Fan Size. The Base Isolator Support Brackets Are Designed To Permit Mounting Of The Fan With The Motor Located On Top Or EitherSide. The Hanging Isolator Support Brackets Are Designed To Permit Mounting Of The Fan With The Motor Located On Top, Bottom Or Side.Note: Hanging Rods To Be Supplied By Others



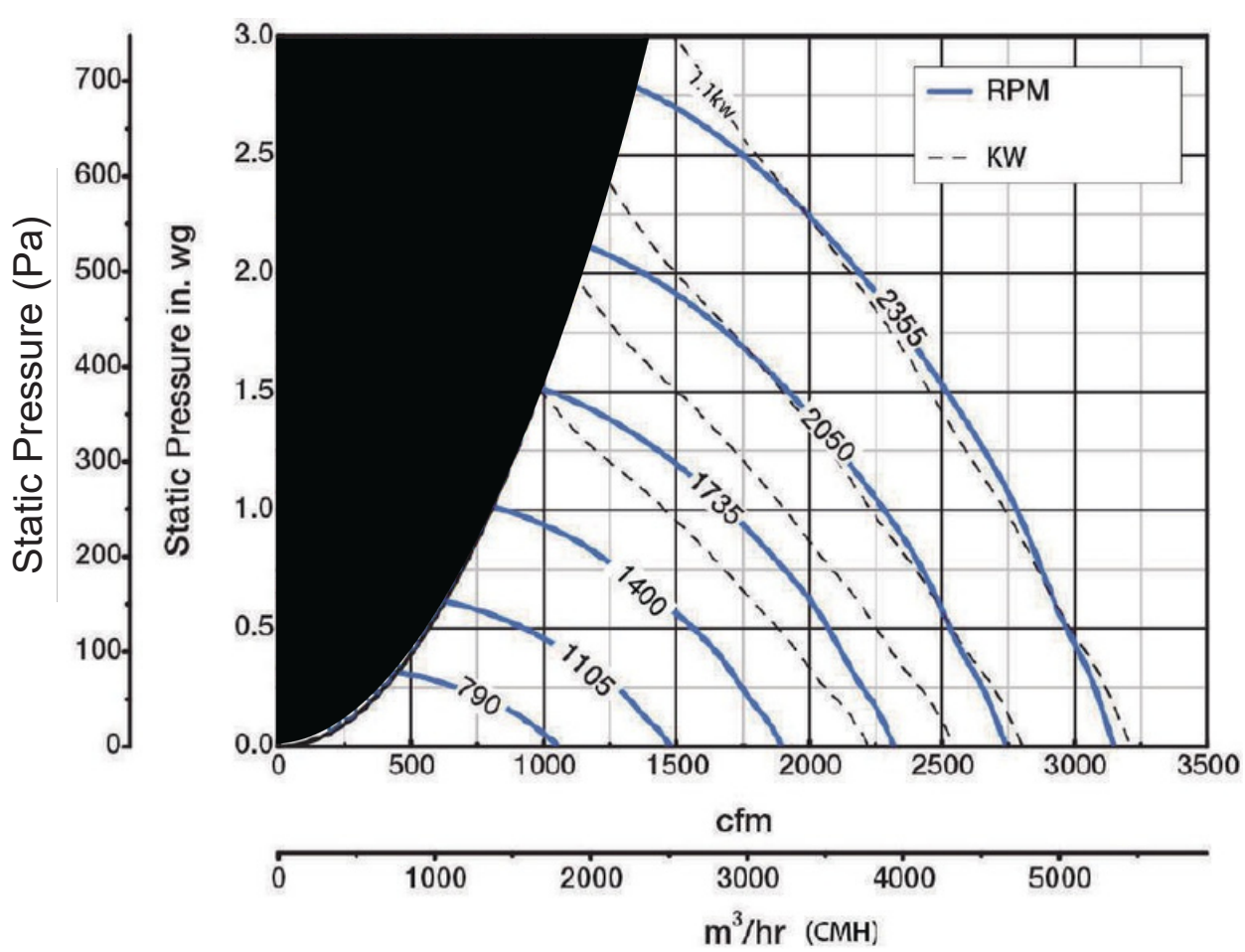
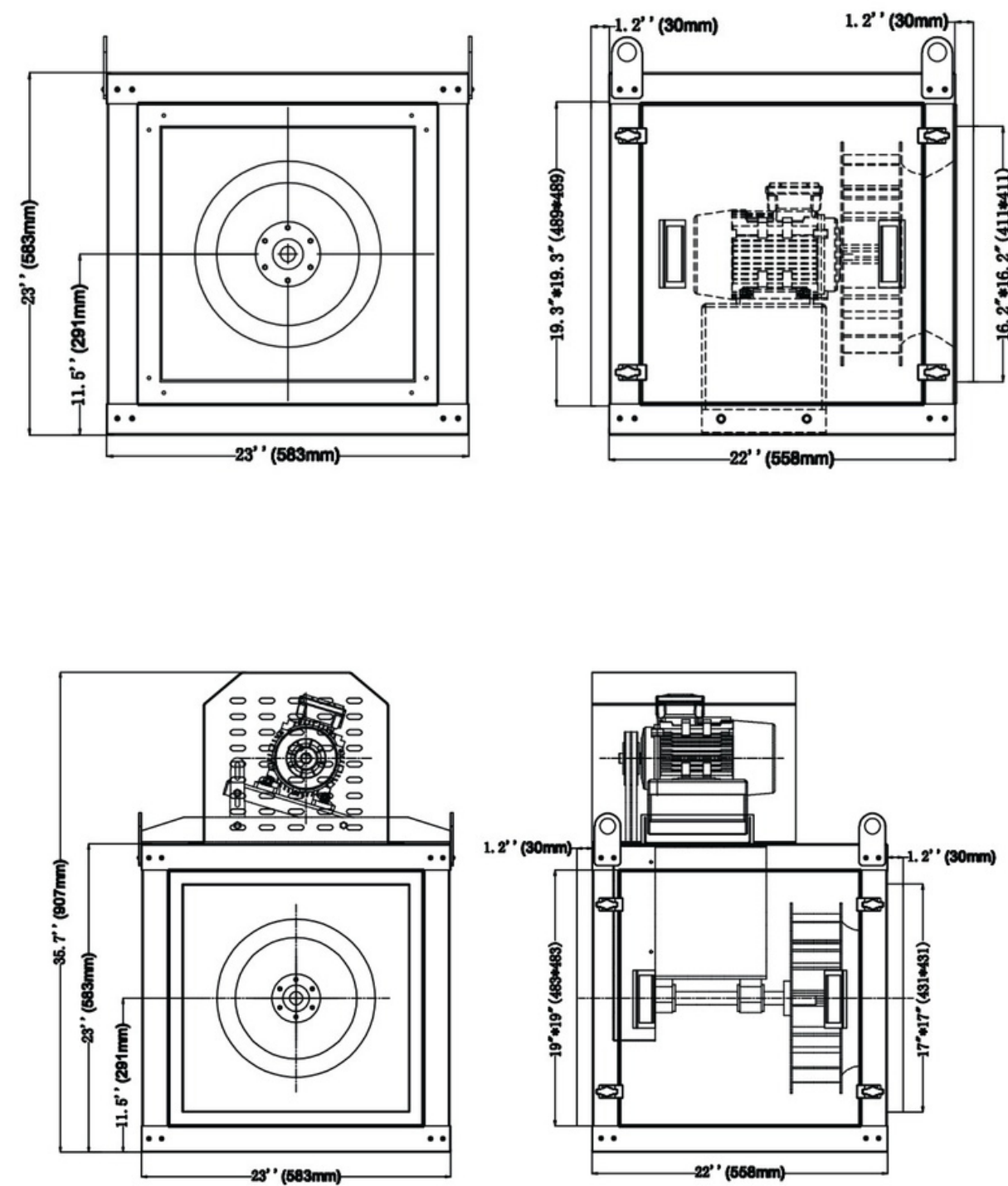
CHA05



Model	Power	AC motor 1Ø	Fan Speed	Impeller Dia
CHA05	0.25H P	220V-230V/60Hz	1720rpm	11inc h



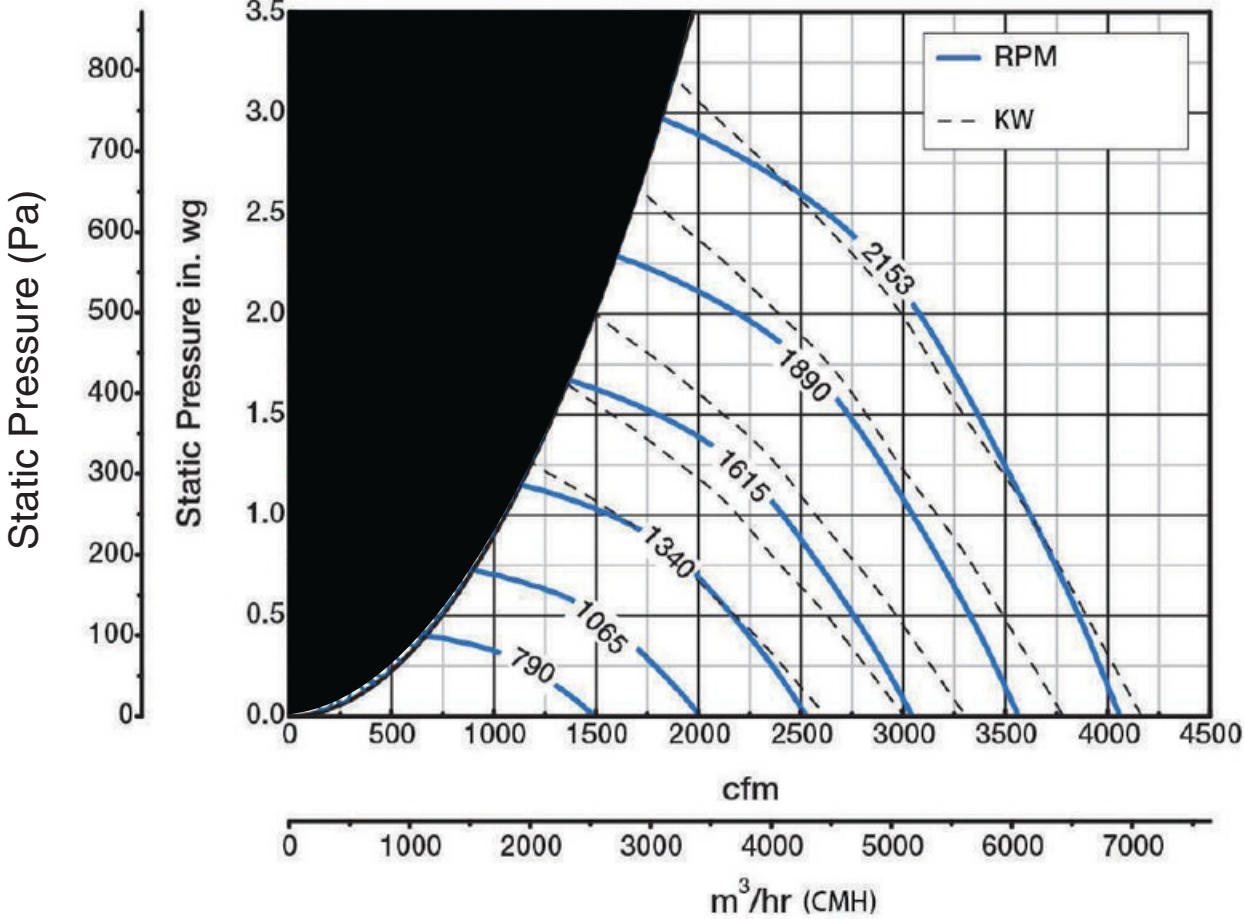
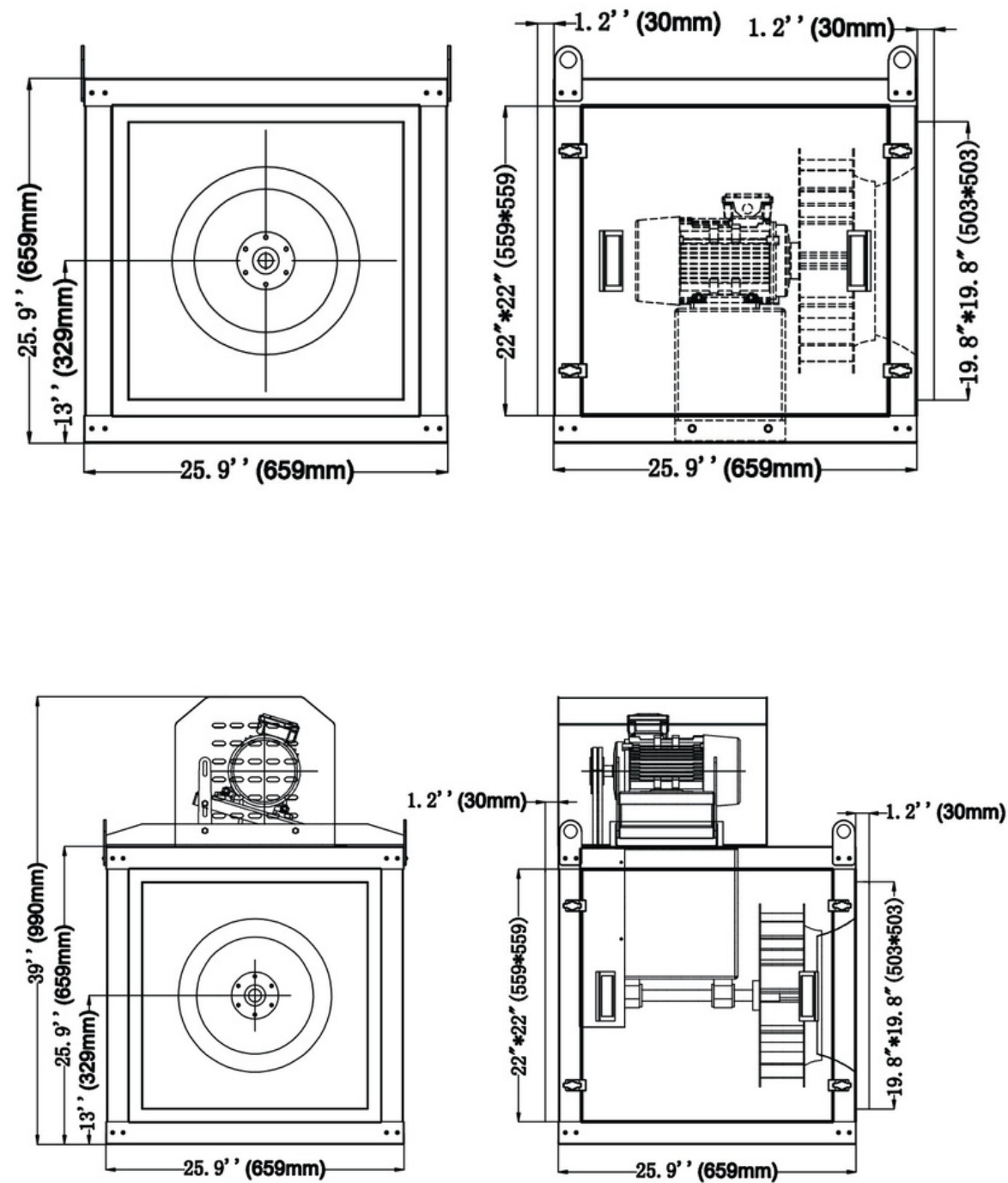
CHA08



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
C H A08	0.5H P	220V/60Hz	220V/60Hz	1720rpm	12.5inc h
	0.5H P		380V/60Hz		



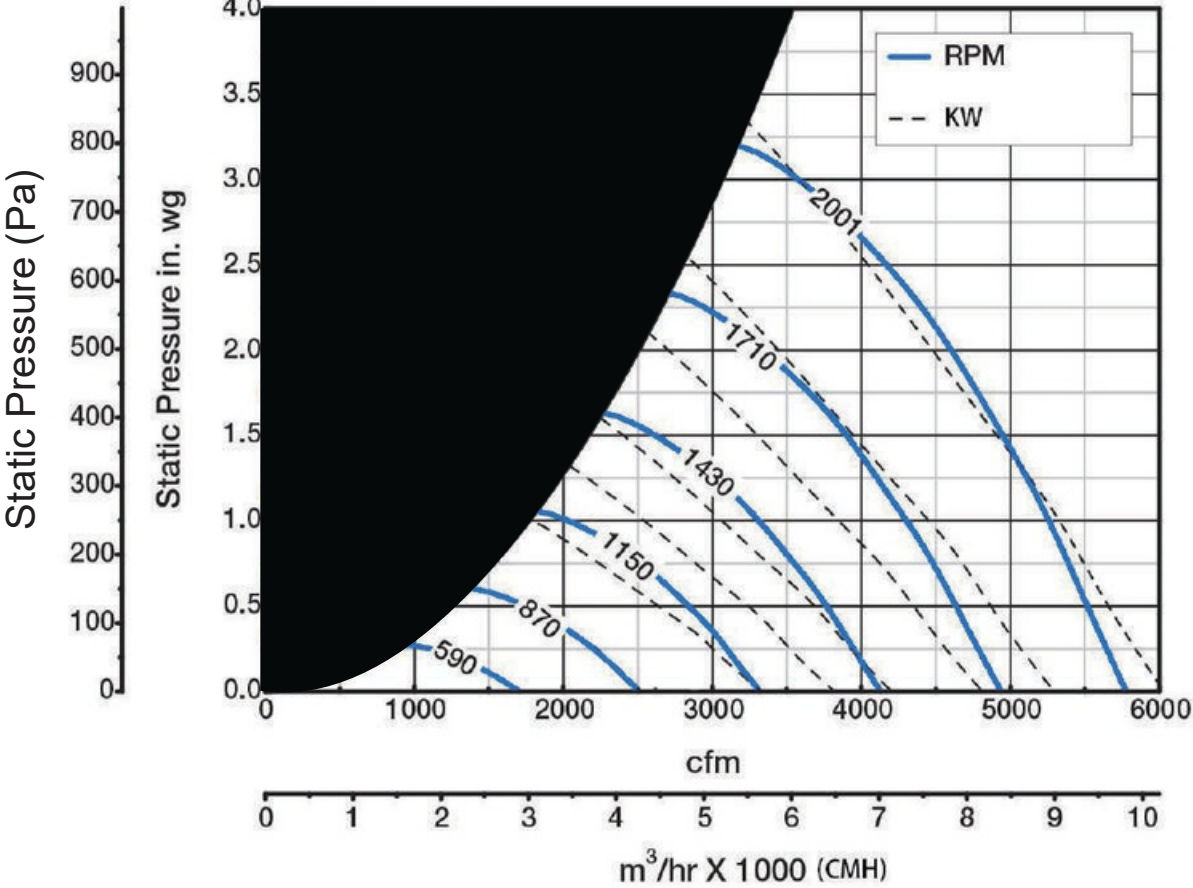
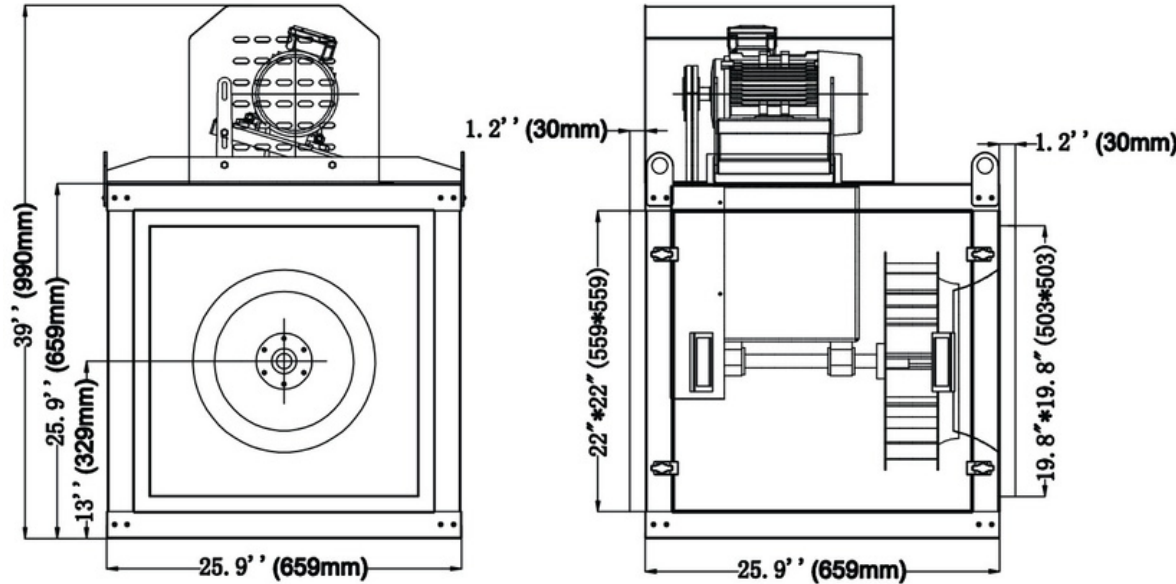
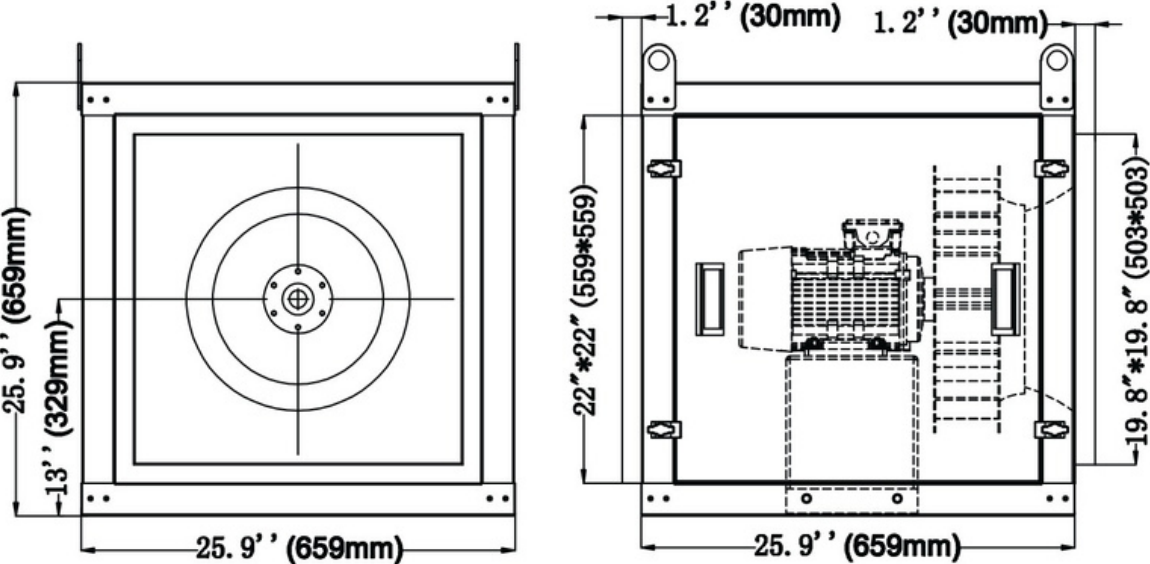
CHA10



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA10	0.75HP	220V/60Hz	220V/60Hz	1400RPM (Belt Drive)	14inch
	0.75HP		380V/60Hz		
	1HP	220V/60Hz	220V/60Hz	1720RPM (Direct Drive)	
	1HP		380V/60Hz		



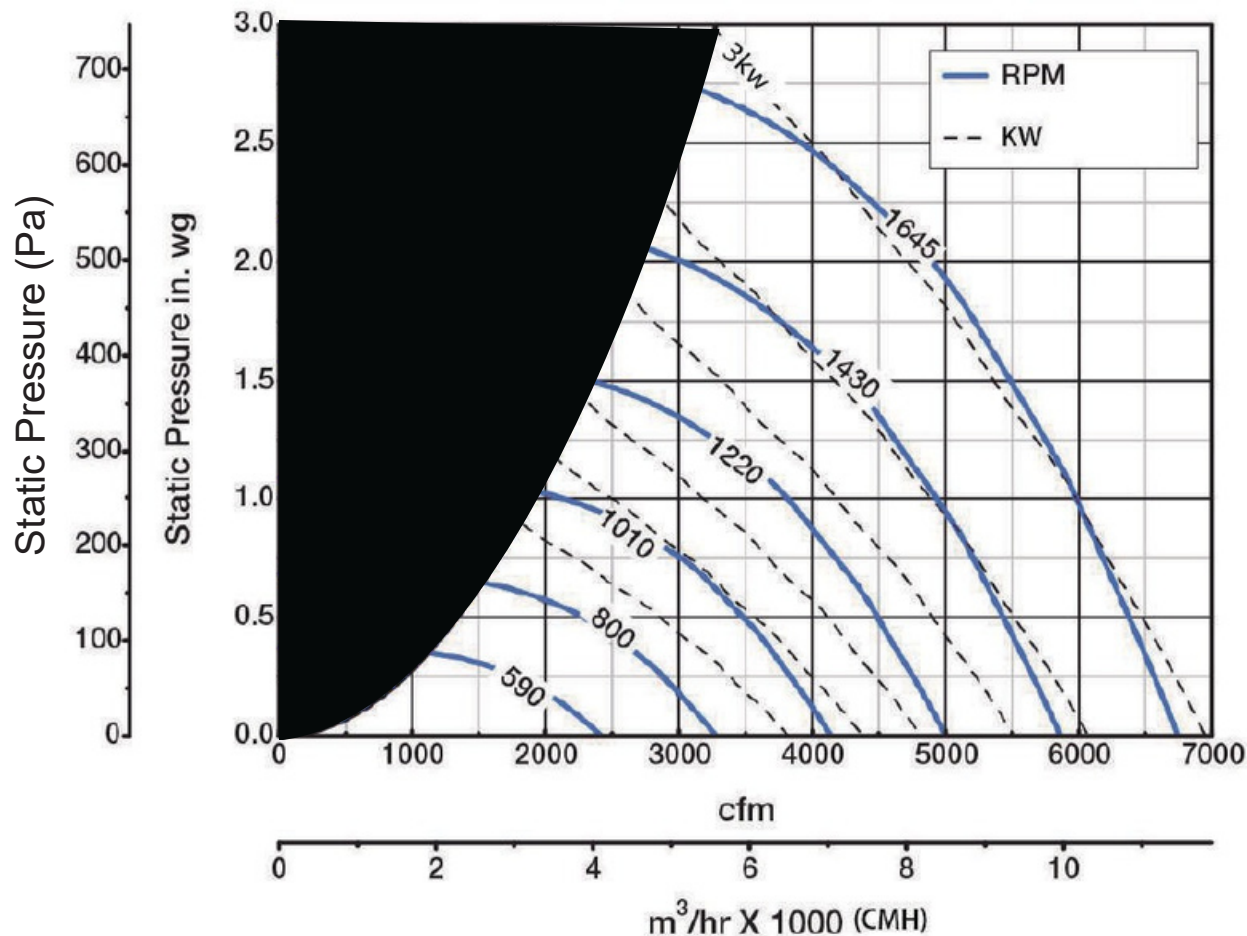
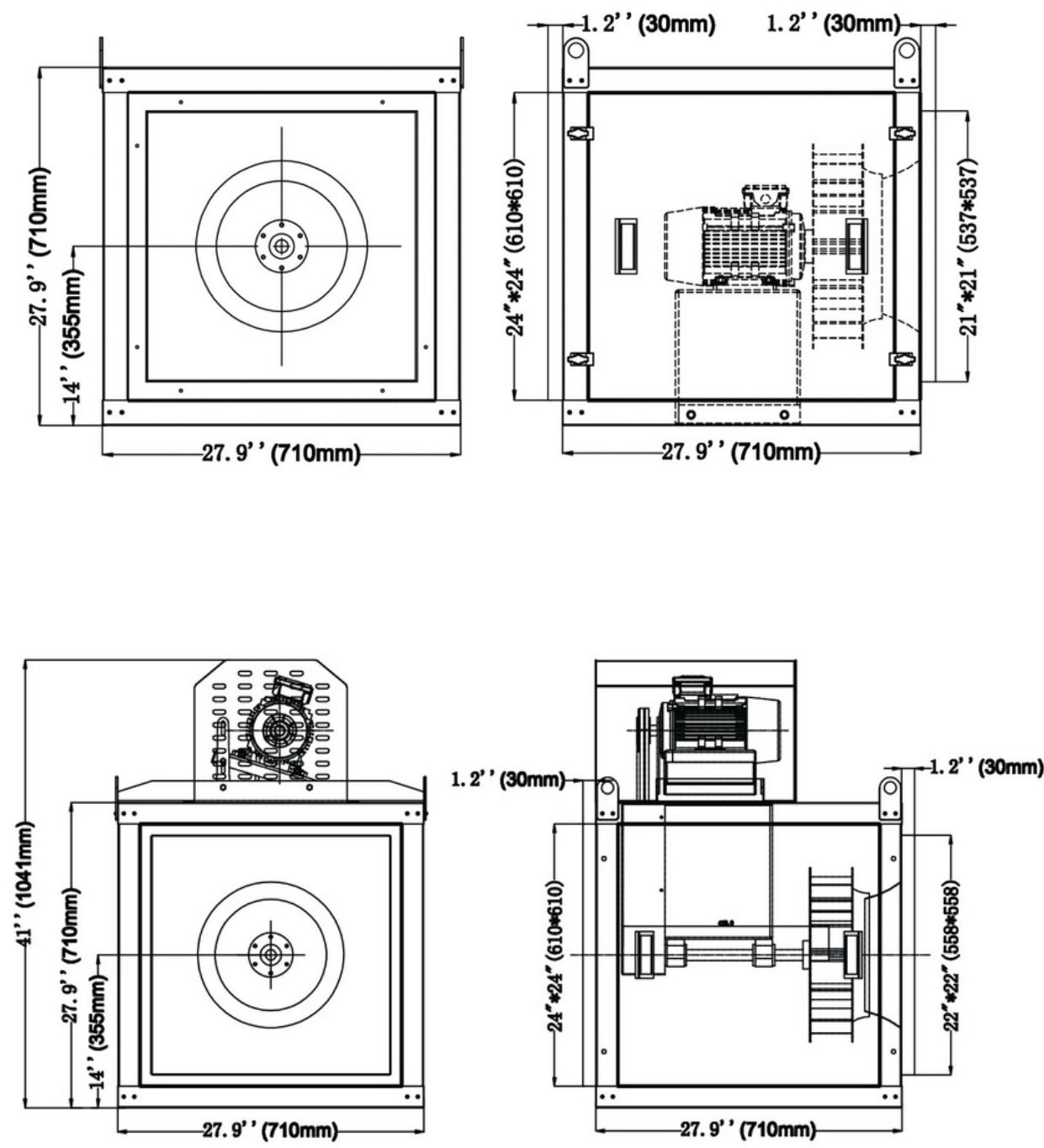
CHA14



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA14	1.0HP	220V/60Hz	220V/60Hz	1400RPM (Belt Drive)	16inch
	1.0HP		380V/60Hz		
	1.5HP	220V/60Hz	220V/60Hz	1720RPM (Direct Drive)	
	1.5HP		380V/60Hz		



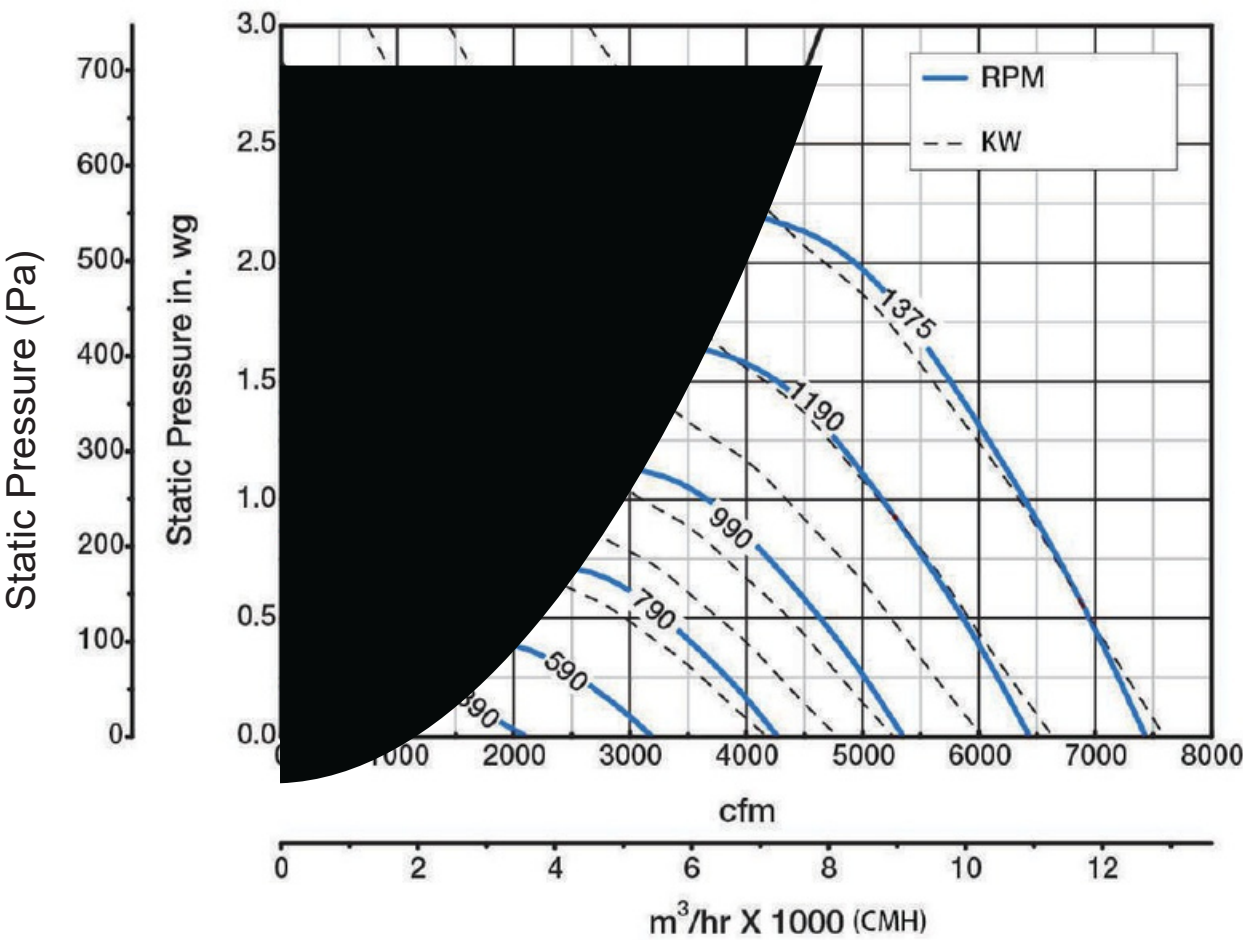
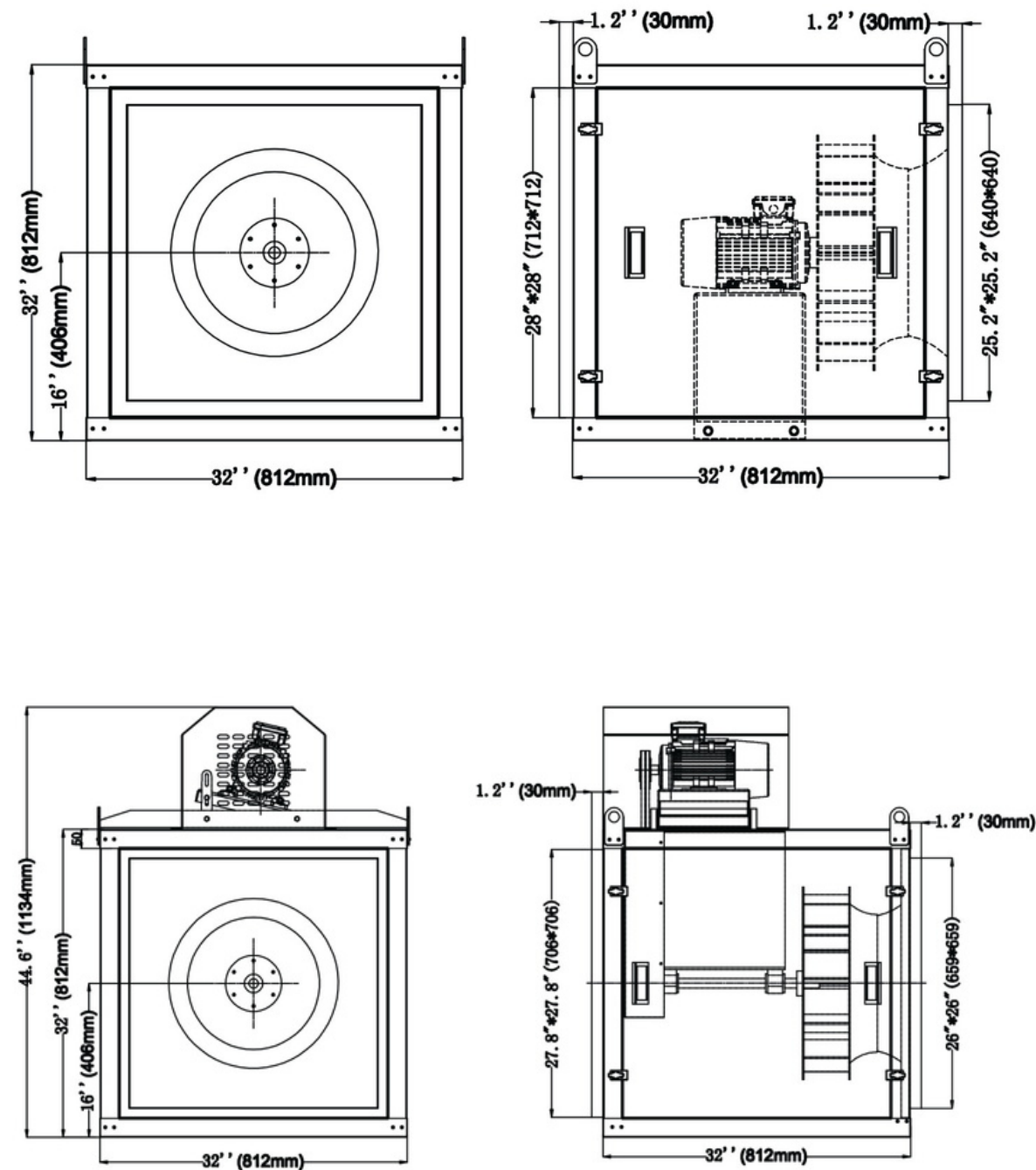
CHA16



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA16	1.5HP	220V/60Hz	220V/60Hz	1300RPM (Belt Drive)	18inch
	1.5HP		380V/60Hz		
	2.0HP	220V /60H z	220V /60H z	1720R P M (optional)	
	2.0HP		380V /60H z		

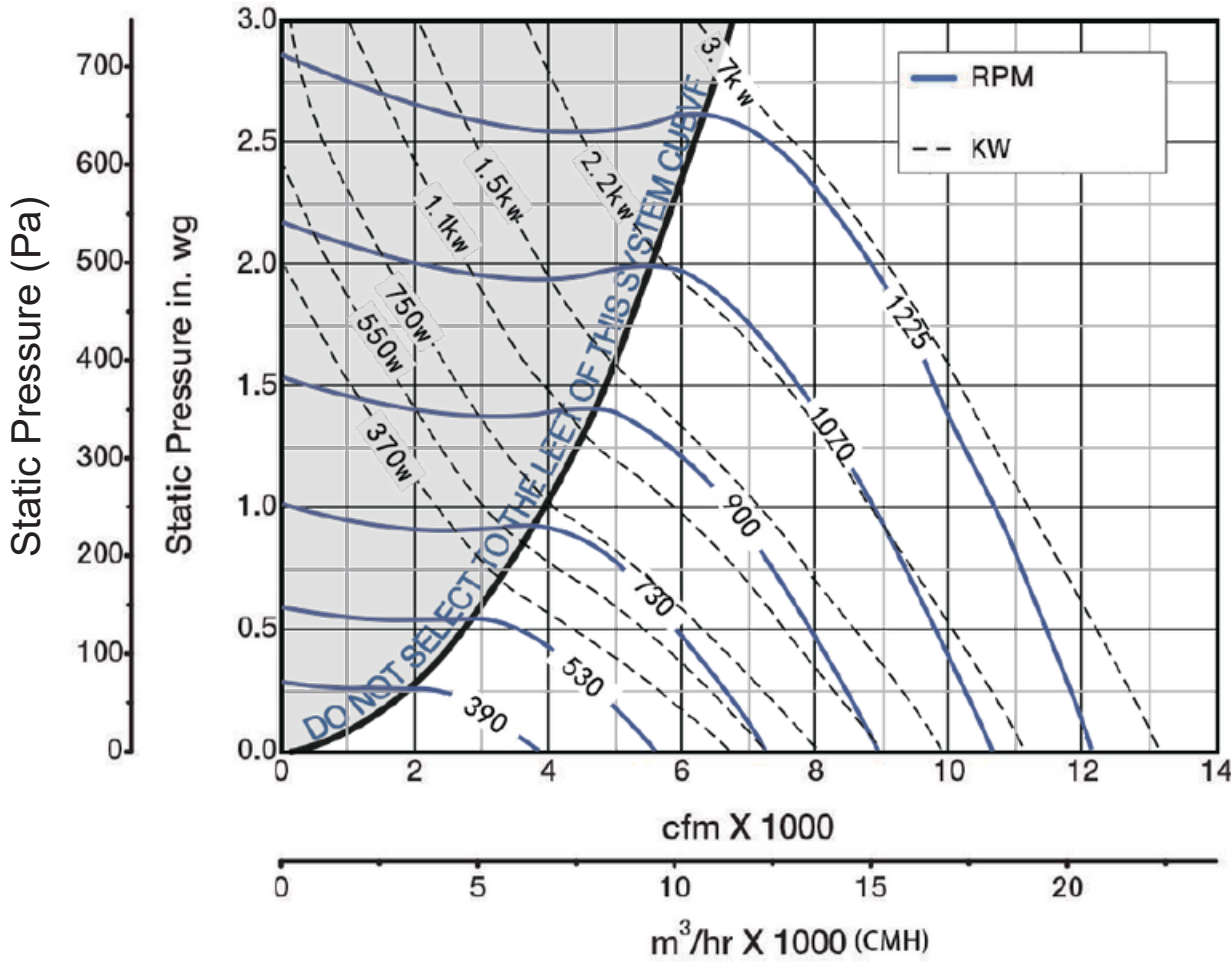
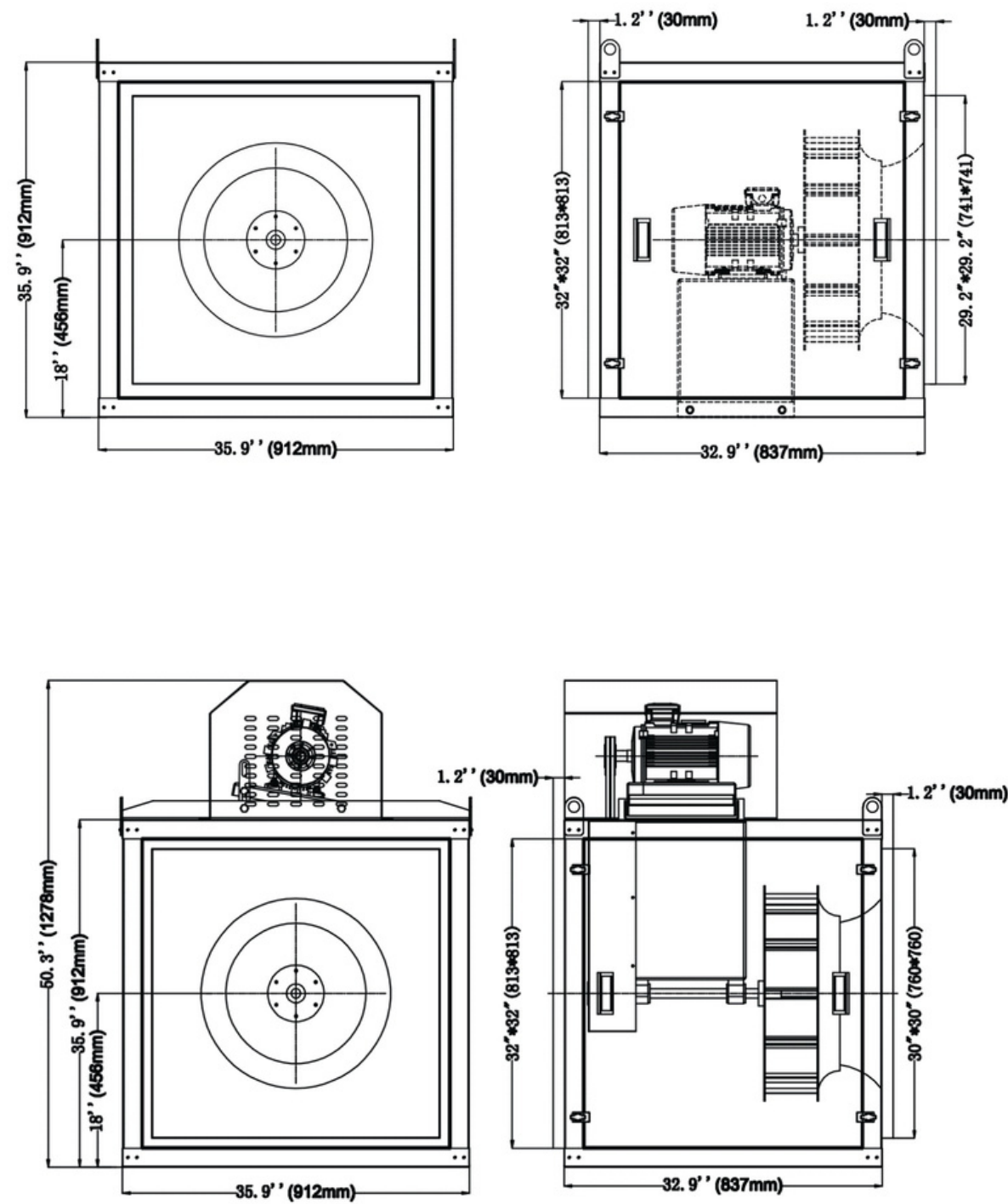


CHA18



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
C H A18	1.5H P	220V/60Hz	220V/60Hz	1000RPM (Belt Drive)	20inc h
	1.5H P		380V/60Hz		
	2.0H P	220V/60Hz	220V/60Hz	1130RPM (Direct Drive)	
	2.0H P		380V/60Hz		
	2.0H P	220V/60Hz	220V/60Hz	1300RPM (Direct Drive)	
	2.0H P		380V/60Hz		

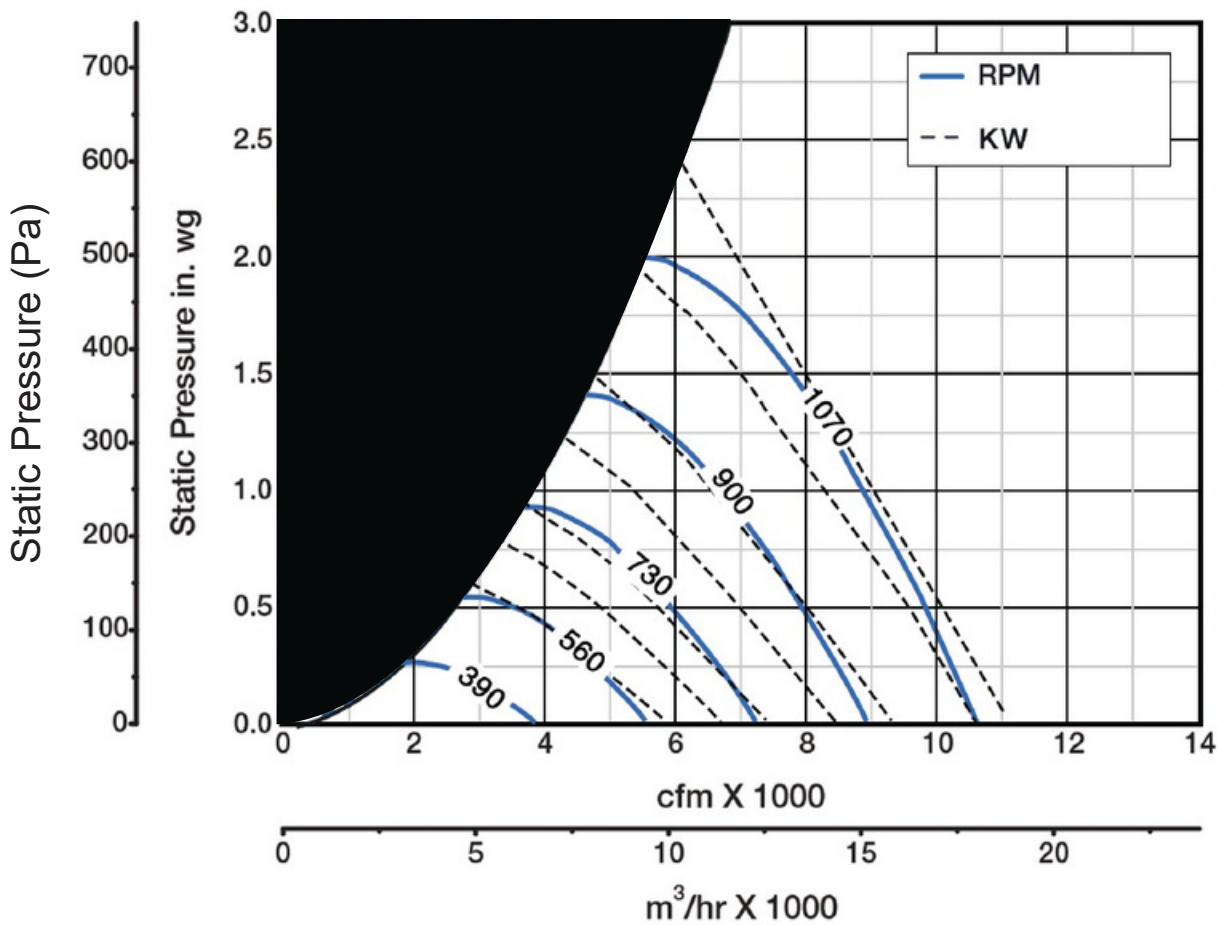
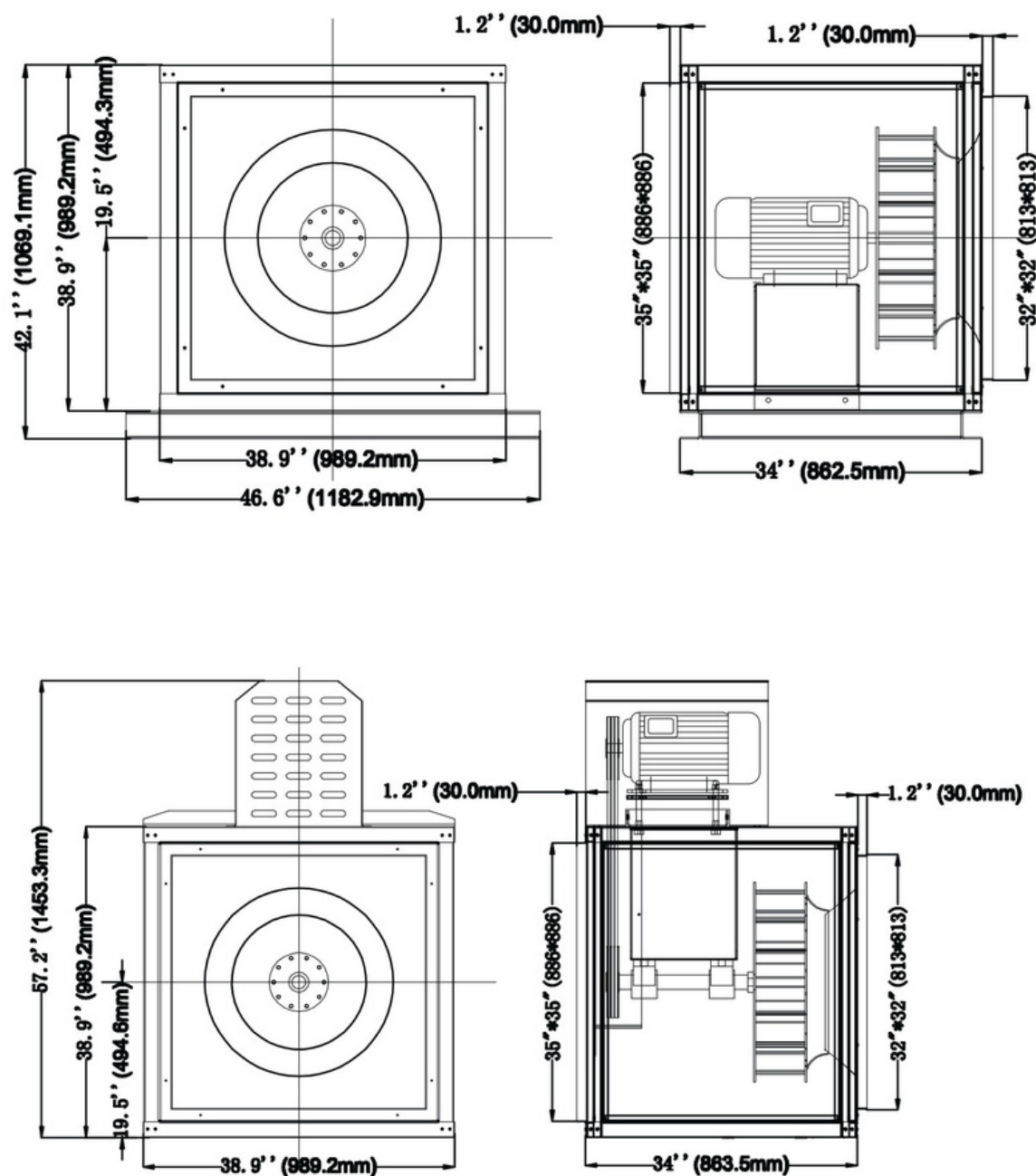
CHA20



Model	Power	AC motor 1Ø or 3Ø	AC motor 3Ø	Fan Speed	Impeller Dia
C H A20	2.0H P	220V/60Hz	220V/60Hz	1130RPM (Direct Drive)	22inc h
	2.0H P		380V/60Hz		
	3HP	None	220V/60Hz	1250RPM (Belt Drive)	
	3HP		380V/60Hz		

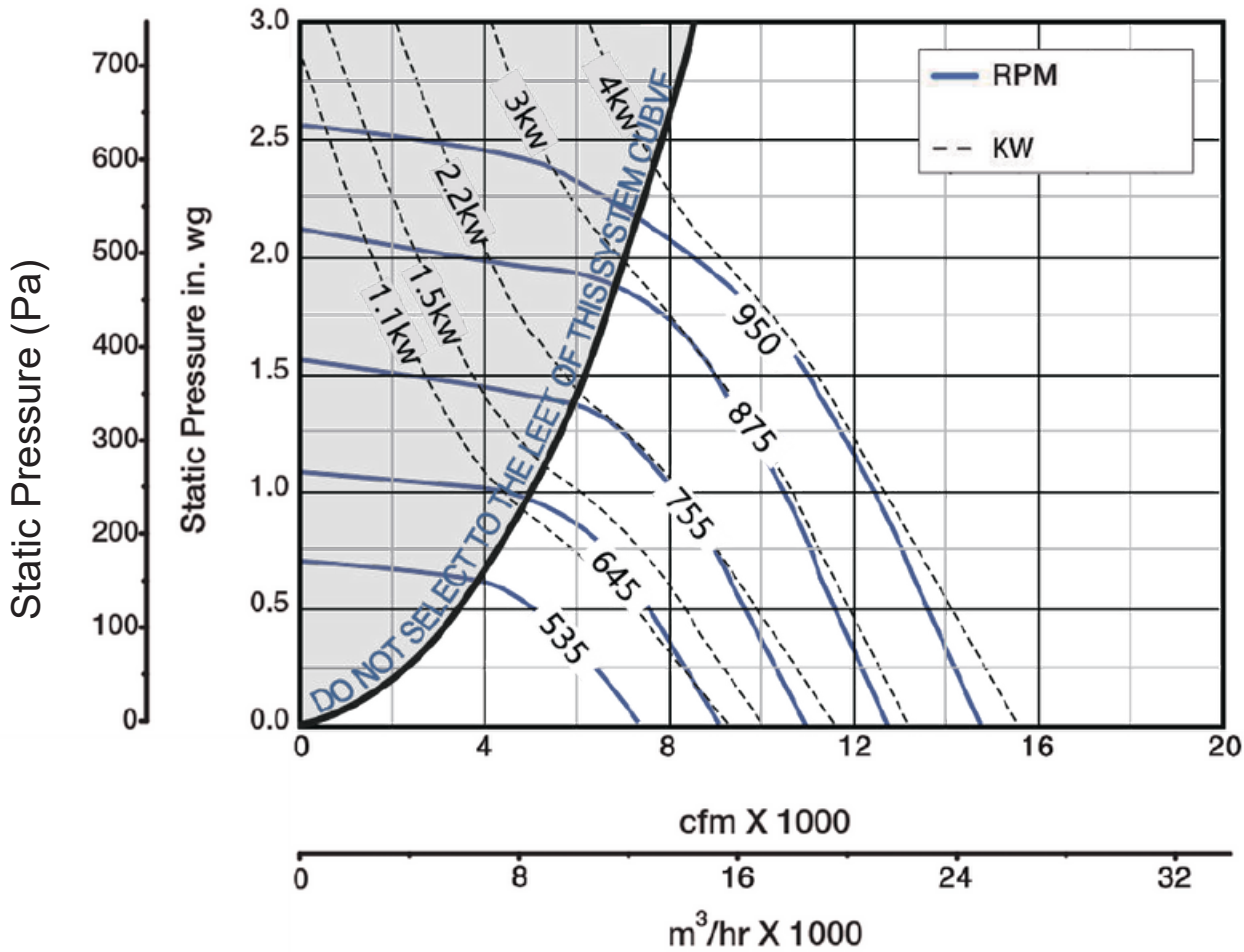
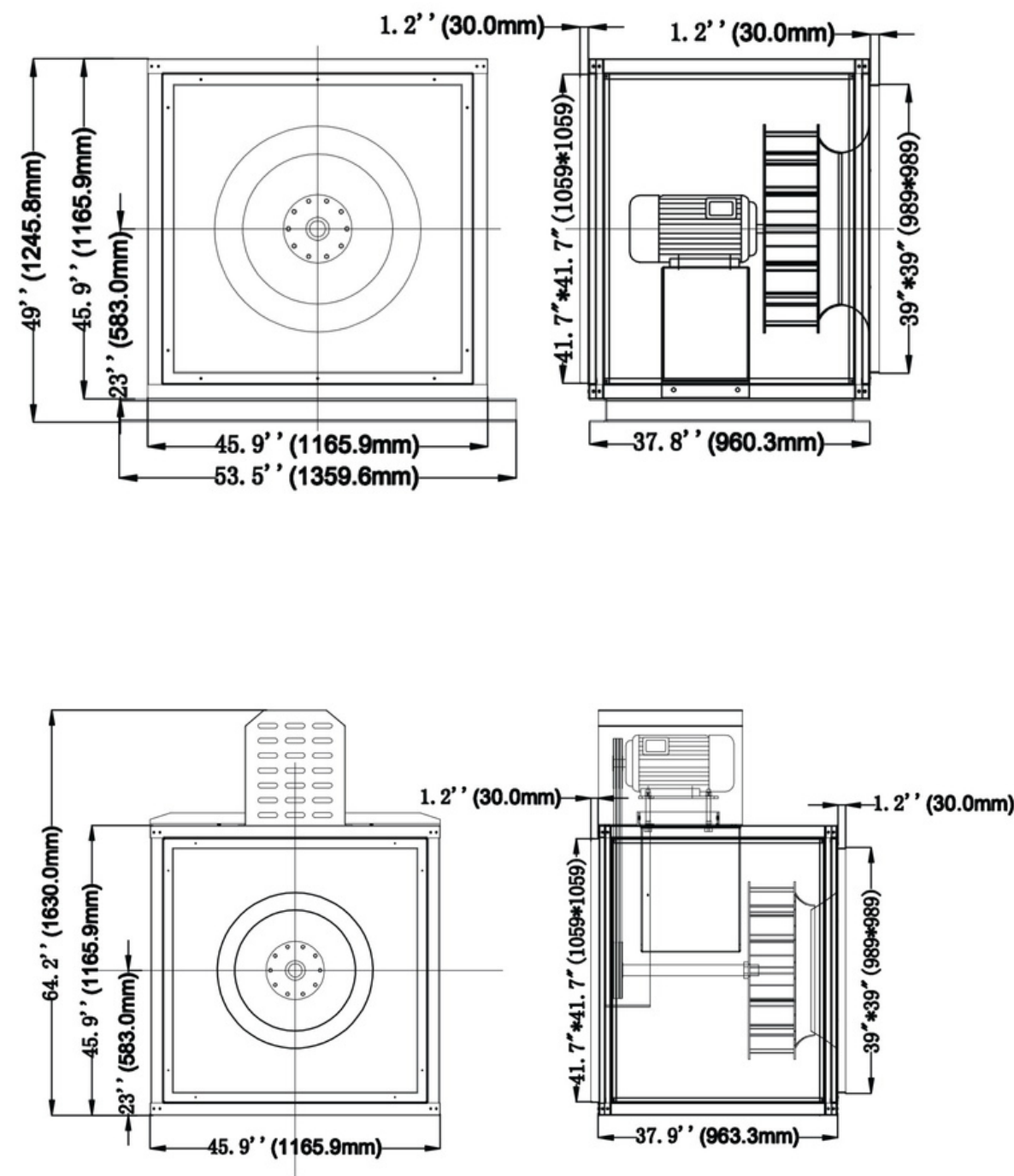


CHA24



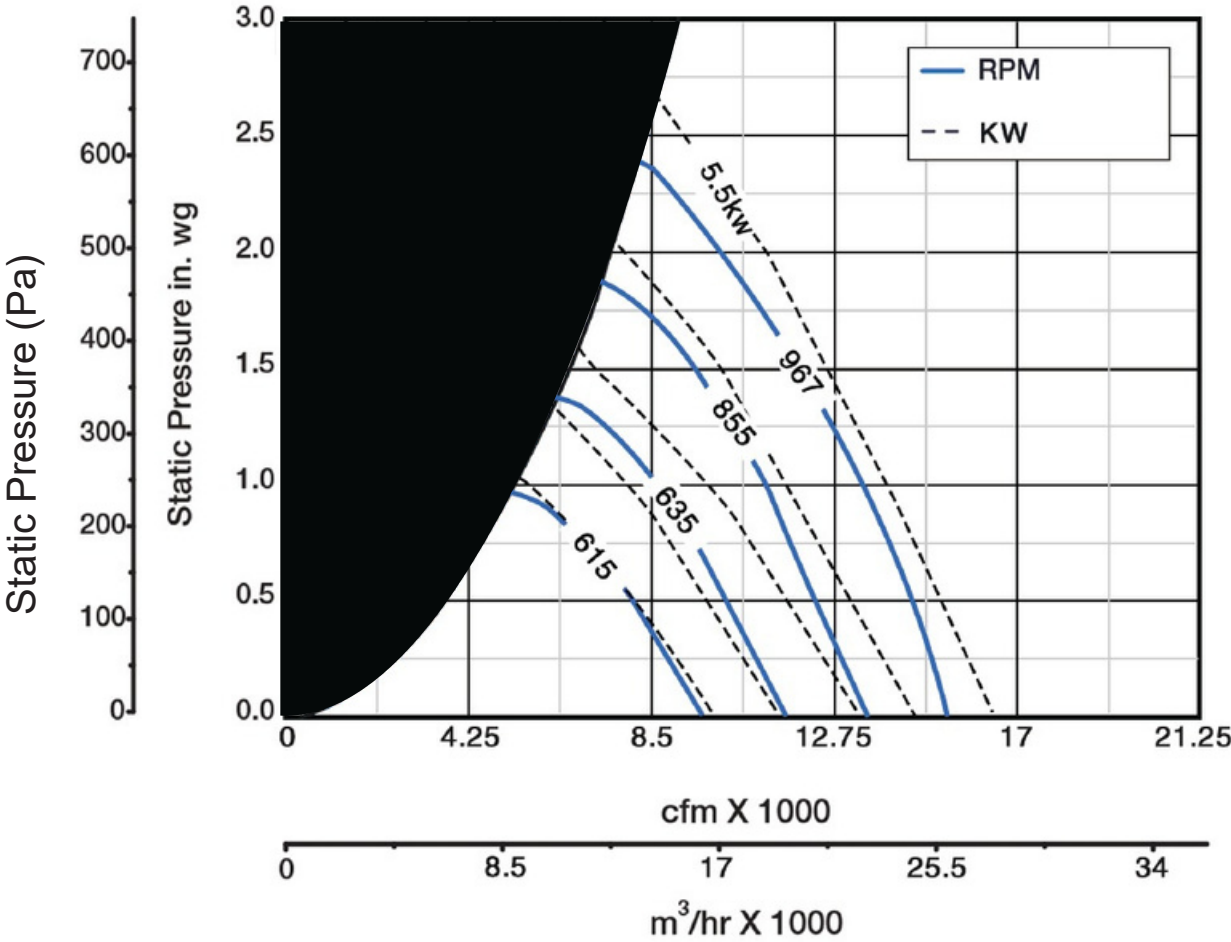
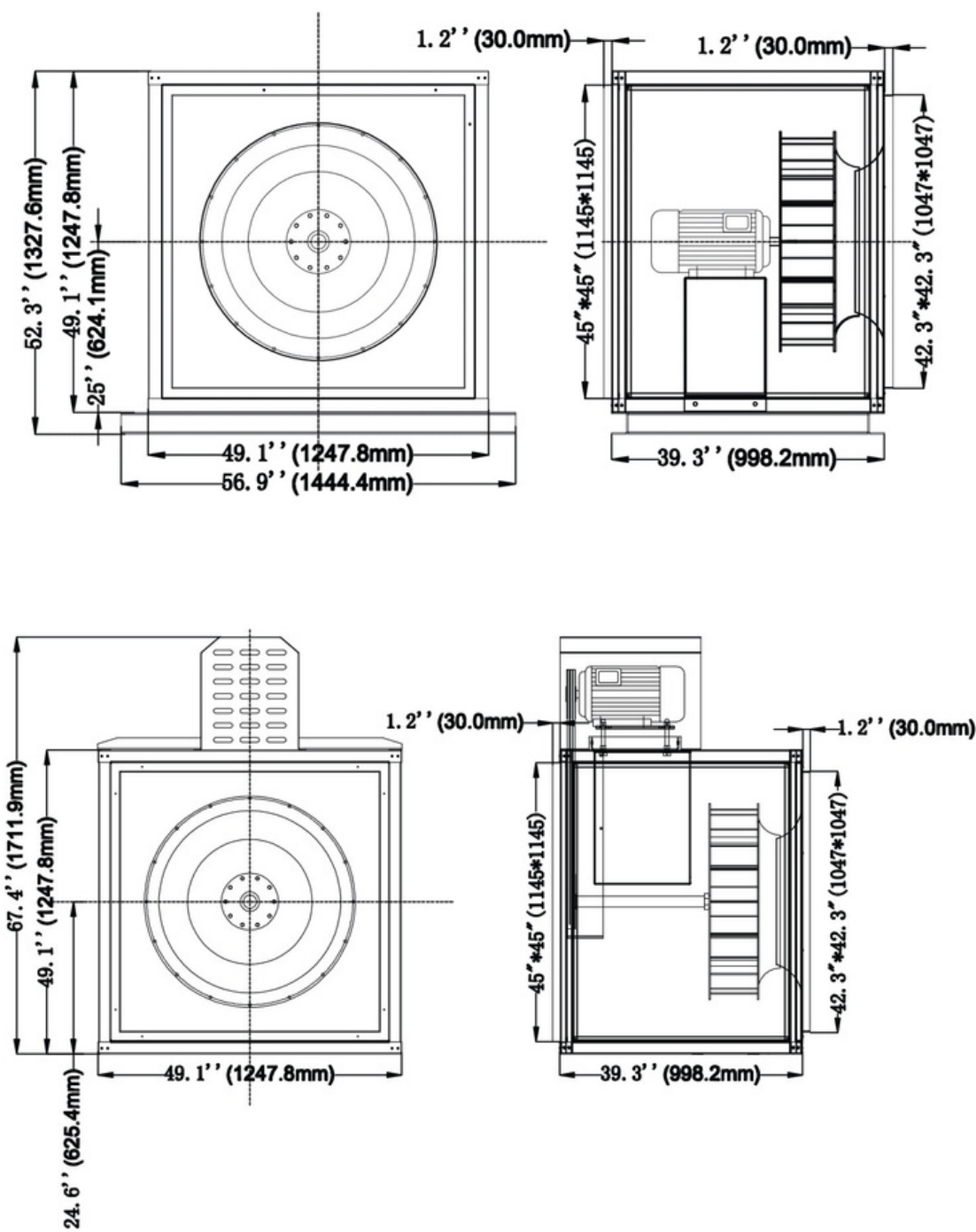
Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA24	2.0HP	220V/60Hz	220V/60Hz	900RPM (Belt Drive)	25inch
	2.0HP		380V/60Hz		
	4HP	None	220V/60Hz	1120RPM (Direct Drive)	
	4HP		380V/60Hz		

CHA28



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
C H A28	3HP	None	220V/60Hz	750RPM (Belt Drive)	28inc h
	3HP		380V/60Hz		
	5.5H P	None	220V/60Hz	1000RPM (Belt Drive)	
	5.5H P		380V/60Hz		
	7.5H P	None	220V/60Hz	1120RPM (Direct Drive)	
	7.5H P		380V/60Hz		

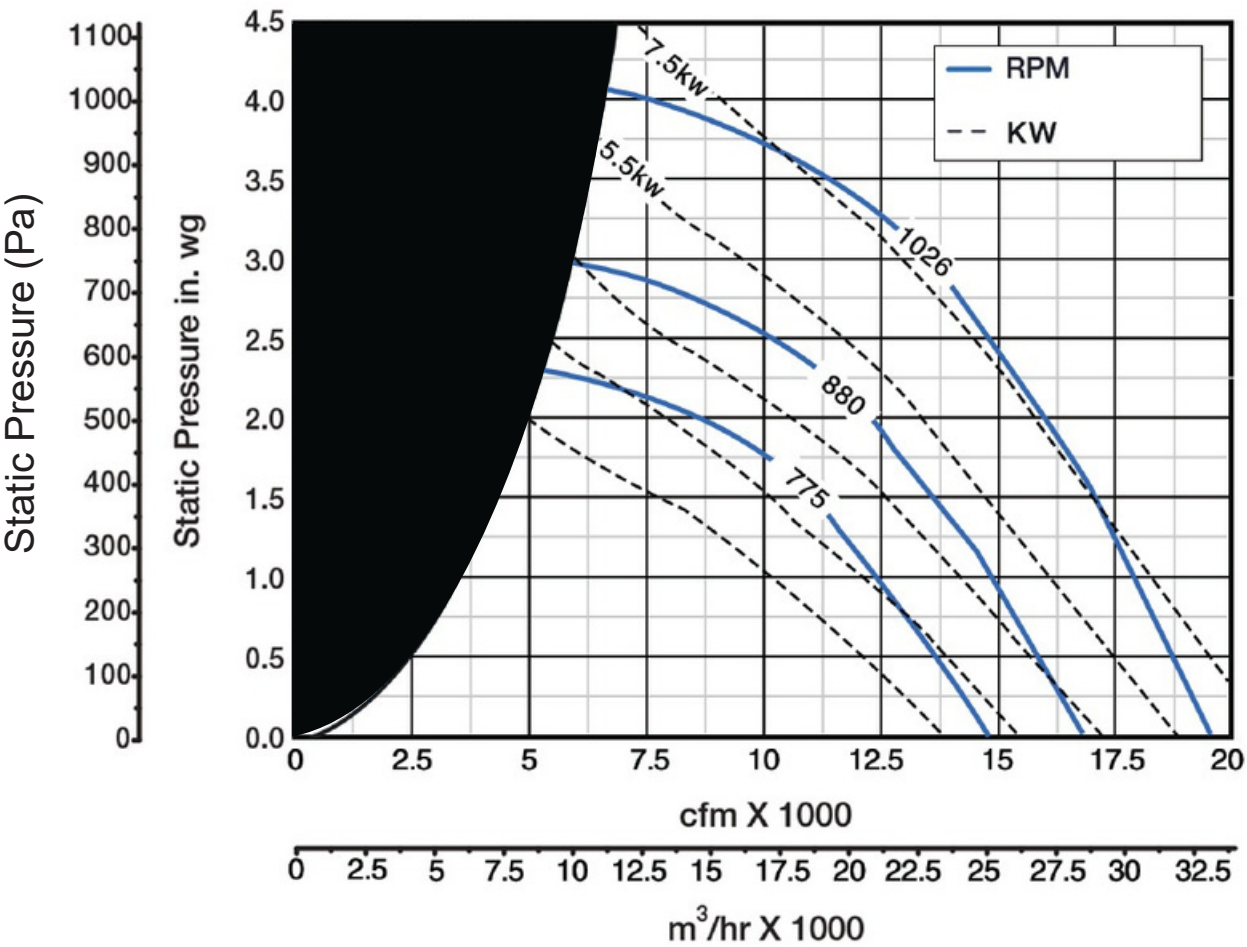
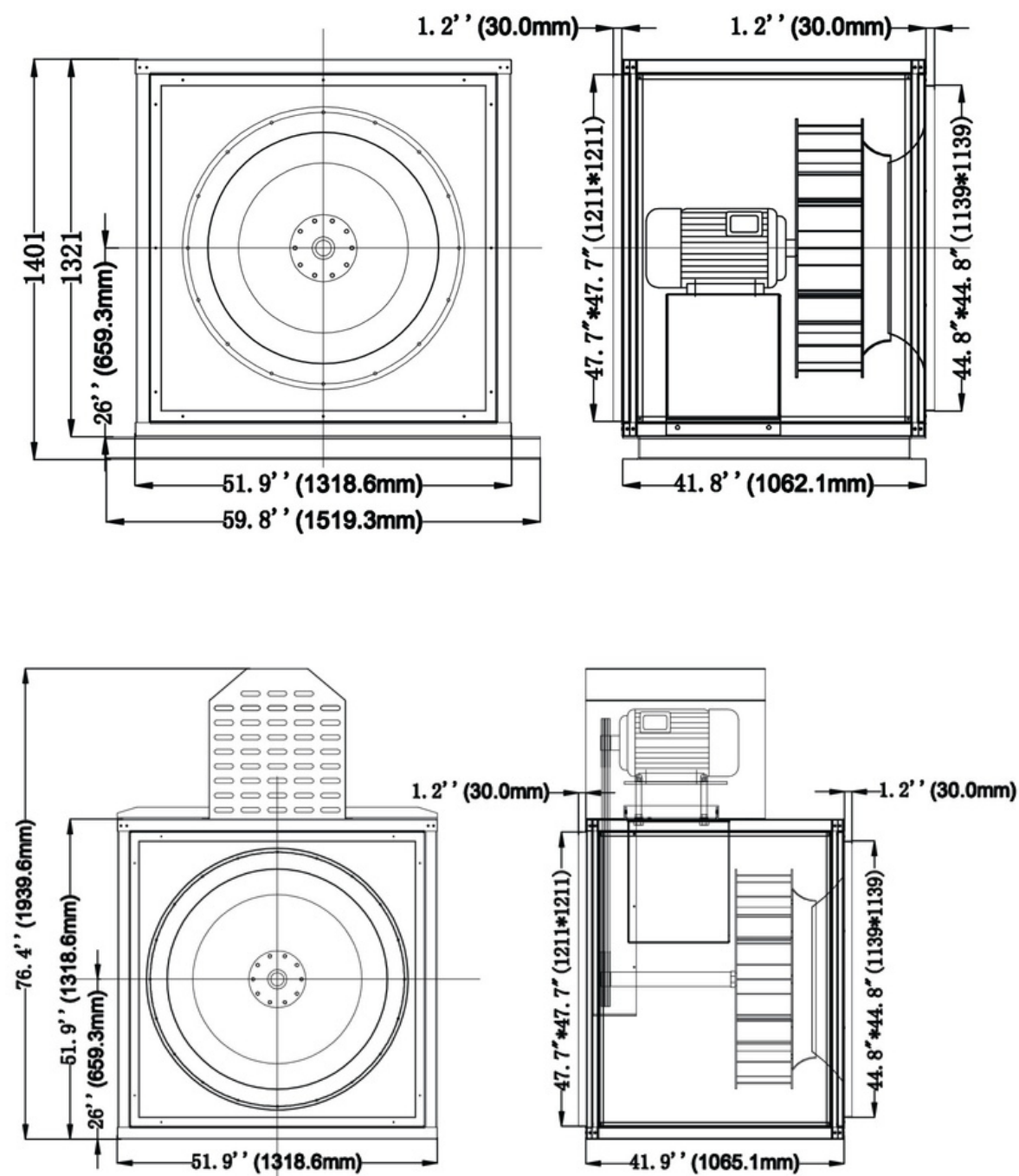
CHA32



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA32	5.5HP	None	220V/60Hz	750RPM (Belt Drive)	32inch
	5.5HP		380V/60Hz		
	7.5HP	None	220V/60Hz	1000RPM (Belt Drive)	
	7.5HP		380V/60Hz		
	10HP	None	220V/60Hz	1120RPM (Direct Drive)	
	10HP		380V/60Hz		

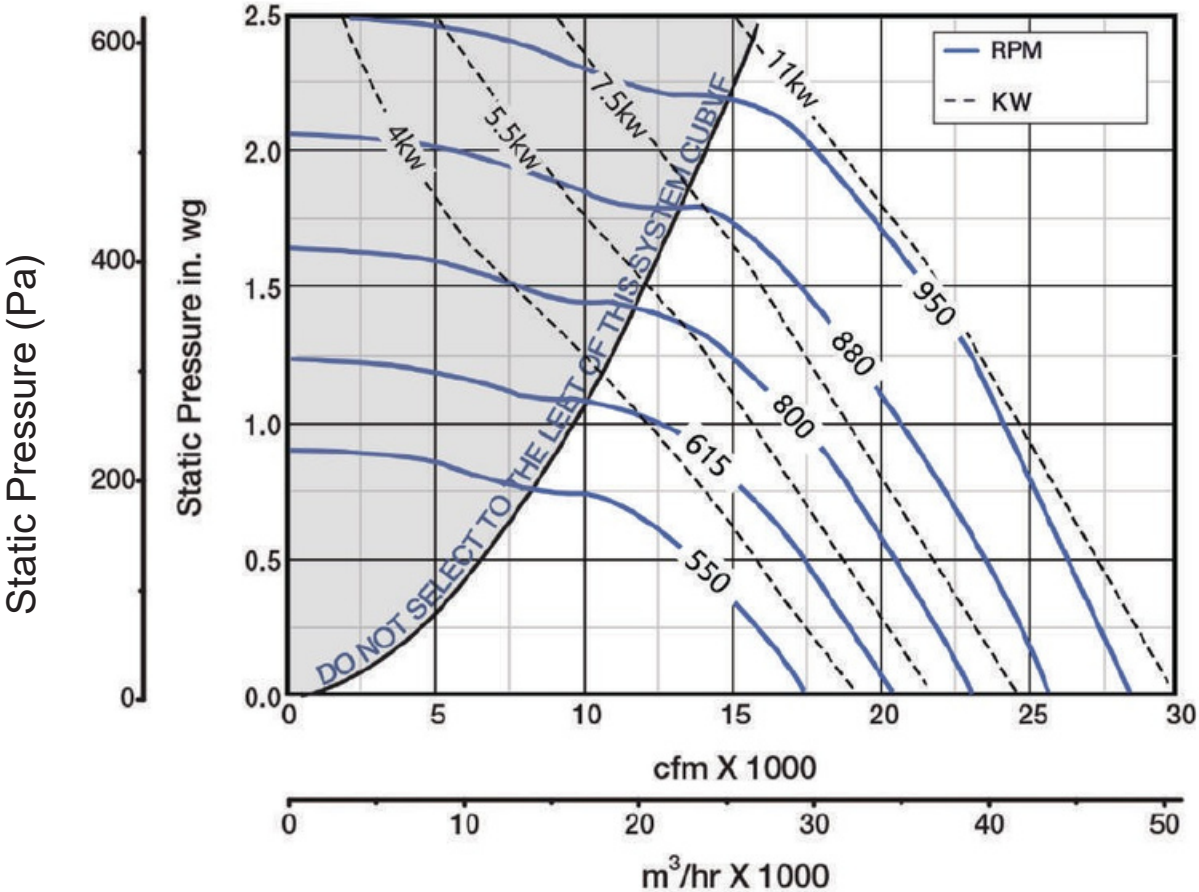
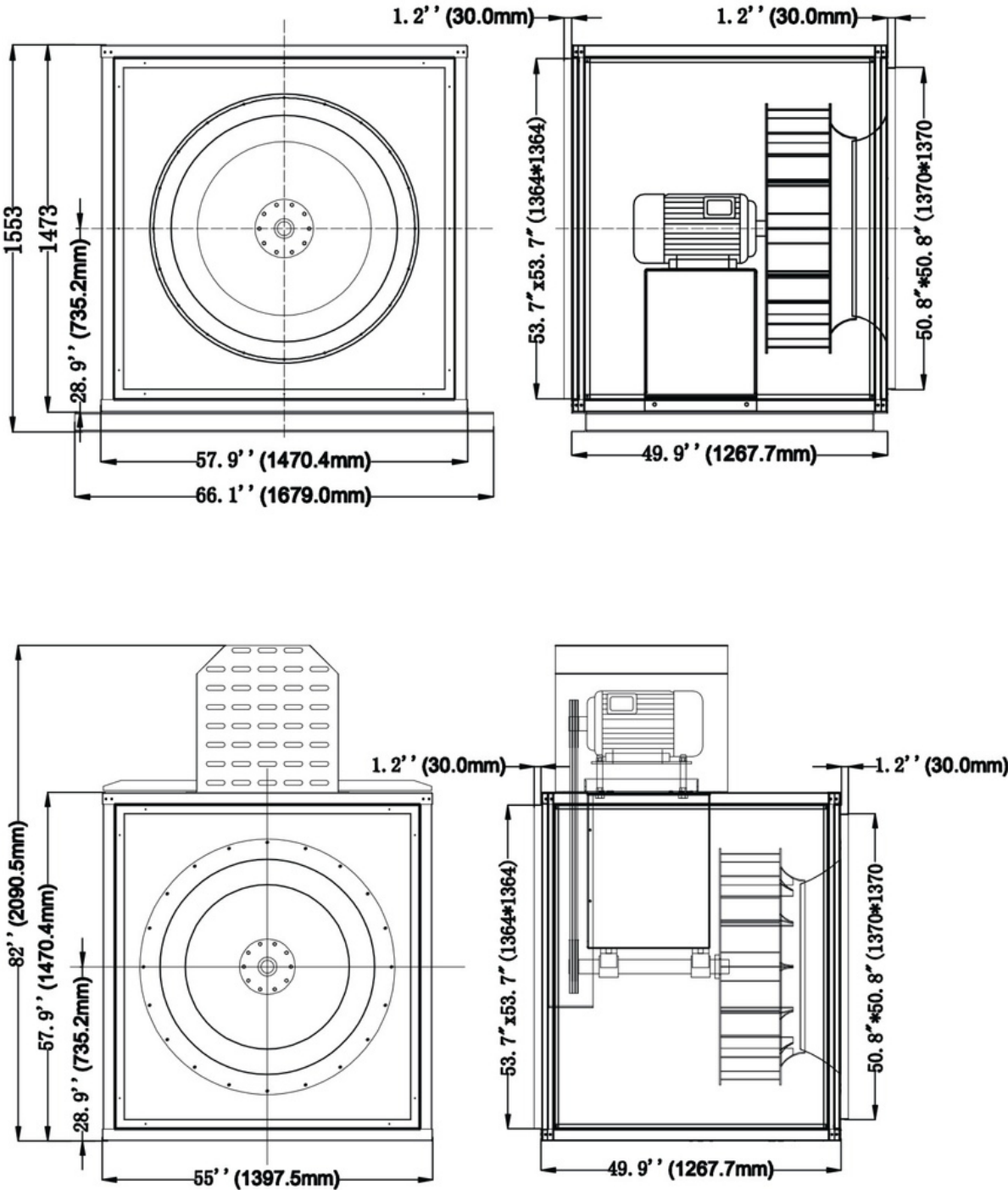


CHA36



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA36	10HP	None	220V/60Hz	1000RPM (Belt Drive)	36inch
	10HP		380V/60Hz		
	15HP	None	220V/60Hz	1120RPM (Direct Drive)	
	15HP		380V/60Hz		

CHA40



Model	Power	AC motor 1Ø	AC motor 3Ø	Fan Speed	Impeller Dia
CHA40	15HP	None	220V/60Hz	1000RPM (Belt Drive)	40inch
	15HP		380V/60Hz		
	20HP	None	220V/60Hz	1120RPM (Direct Drive)	
	20HP		380V/60Hz		