

Mixed Flow 3-Speed In-Line Duct Fan

Instruction Manual



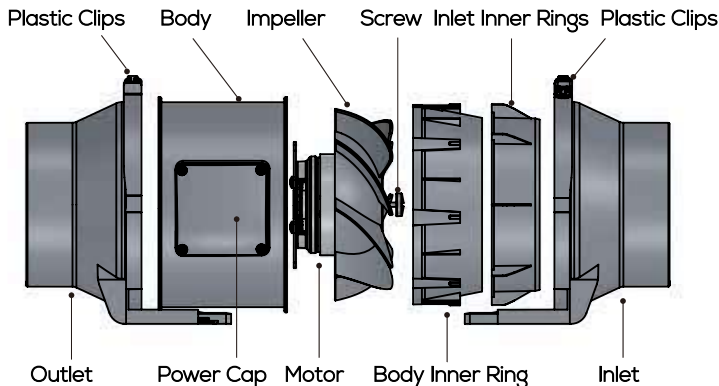
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Product Specification

220-240V/50Hz Structure Chart



Specification Table

Model	Speed	Voltage / Frequency	Current (Amps)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (Pa)	Diameter (mm)	Net Weight (Kgs)
AXA-160	H	220~240V/50Hz	0.130	30	2450	165	205	98	1.7
	M	220~240V/50Hz	0.125	27	2050	138	144	98	1.7
	L	220~240V/50Hz	0.120	25	1650	110	93	98	1.7
AXA-320	H	220~240V/50Hz	0.280	51	2600	324	340	148	2.5
	M	220~240V/50Hz	0.200	46	2050	259	260	148	2.5
	L	220~240V/50Hz	0.190	42	1650	200	230	148	2.5
AXA-500	H	220~240V/50Hz	0.590	131	2450	500	370	198	4.1
	M	220~240V/50Hz	0.495	114	2050	418	259	198	4.1
	L	220~240V/50Hz	0.440	101	1650	336	167	198	4.1

Installation Guide



1. Release the clamp buckle on the left



2. Release the clamp buckle on the right



3. Open the clamps on both ends



4. Remove the fan body



5. Fix the fan mounting plate on a flat surface



6. Remount the fan body by tightening the clamps and fasten the buckles



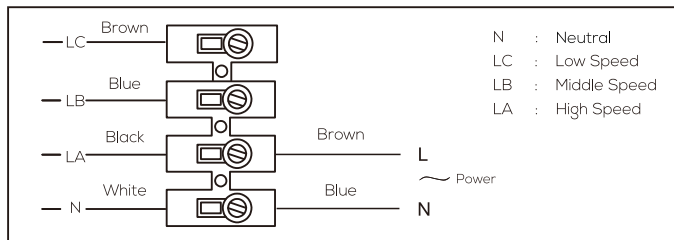
7. Connect the electrical supply



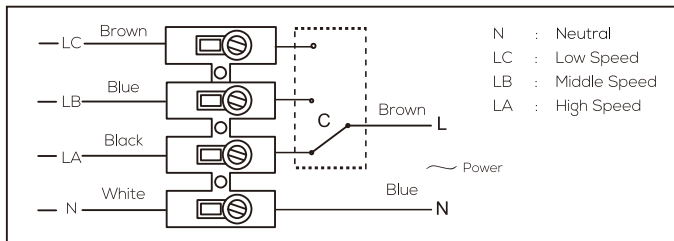
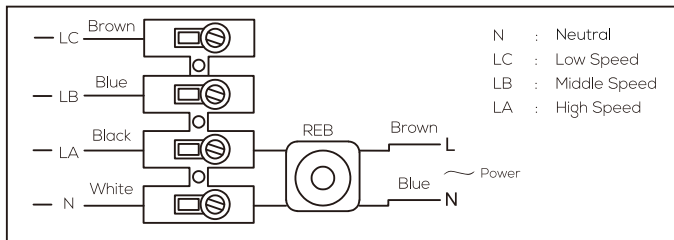
8. Attach the ductings

Wiring Instruction

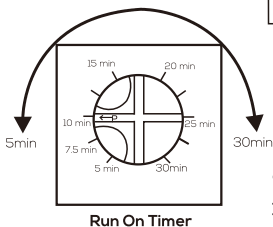
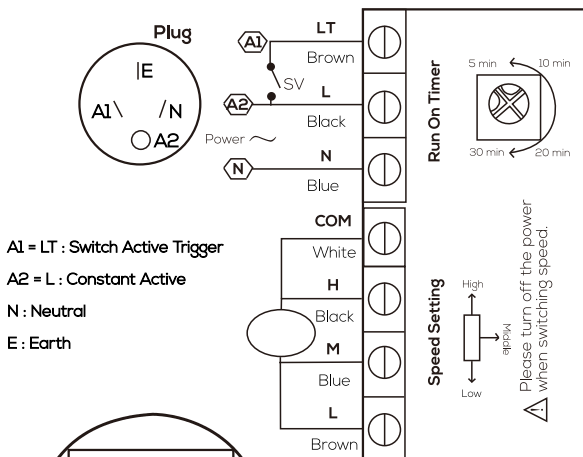
Wiring Diagram



Wiring with REB Speed Control



Wiring with "Run On Timer" Function

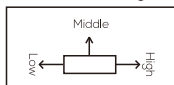


Control Model Description

- 1) Preset for 10 min to run
- 2) Can adjust delay time between 5 to 30 min
- 3) Arrow P point to the delay time

Speed Control Instruction

Speed Setting



⚠ Please turn off the power when switching speed.

Important Safety Guides

- Read this instruction manual carefully prior to installing and operating the unit.
- Fulfill the instruction manual requirements as well as the provision of all the applicable local and national construction, electrical and technical norms and standards.
- The warnings contained in this instruction manual must be considered most seriously since they contain vital personal safety information.
- Failure to follow the rules and safety precautions noted in this instruction manual may result in injury or unit damage.
- After the careful reading of the manual, keep it away for the entire service lifetime of the unit for future reference purposes.
- While transferring the unit, the control over this instruction manual must be handed over to the receiving operator.

Unit Mounting & Operation Safety Precautions



Disconnect the unit from the main power supply prior to any installation operations.



The unit must be grounded



Do not lay the power cable of the unit in close proximity to heating equipment.



While installing the unit, follow the safety regulations especially those in regards to the use of electric tools.



Do not bend, change the power cable length at your own discretion or put any foreign objects on the power cable to avoid damaging the cable.



Unpack the unit with care.



Do not use damaged equipment or cables when connecting the unit to the main power supply.



Do not operate the unit outside the temperature range as well as in aggressive or explosive environments stated in this instruction manual.



Do not touch the unit or carry out any installation and maintenance works with wet hands.



Do not wash the unit with water and protect the electrical parts of the unit against ingress of water.



Do not allow children to operate the unit.



Disconnect the unit from the main power supply prior to any technical maintenance works.

Important Safety Guides



Do not store any explosive or highly flammable substances in close proximity to the unit.



When the unit generates unusual sounds, odour or emits smoke, disconnect it from the main power supply and contact the seller.



Do not open the unit while it is in operation mode.



Do not direct the air flow produced by the unit towards open flames or ignition sources.



Do not block the air duct when the unit is switched on.



For continuous operation of the unit, check the security of mounting on a periodical basis.



Do not sit on the unit and avoid placing any foreign objects on the unit.



Use the unit for its intended purpose only.



- **THE UNIT MAY NOT BE OPERATED BY CHILDREN OR PERSONS WITH REDUCED PHYSICAL, MENTAL OR SENSORY CAPACITIES, OR LACKING THE APPROPRIATE TRAINING.**
- **THE UNIT MUST BE INSTALLED AND CONNECTED ONLY BY PROPERLY QUALIFIED PERSONNEL AFTER THE APPROPRIATE BRIEFING.**
- **THE CHOICE OF UNIT INSTALLATION LOCATION MUST PREVENT UNAUTHORIZED ACCESS BY UNATTENDED CHILDREN.**