

Inline Duct Centrifugal Fan

Instruction

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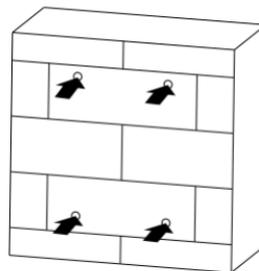
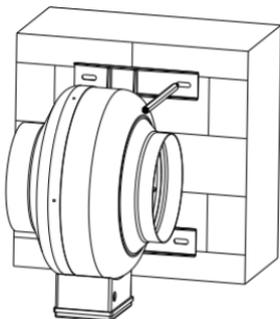
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Installation instructions

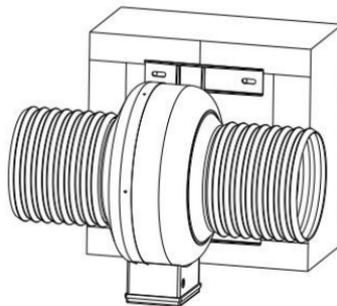
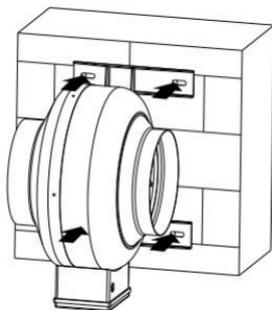
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1. Confirm the installation location
2. Drill holes



3. Fix the fan

4. Couple the ducts



Application environment

- Operation temperature: $-30^{\circ}\text{C}\sim+60^{\circ}\text{C}$
- Ambient relative humidity: $\leq 95\% \text{RH}$ ($+25^{\circ}\text{C}$)
- The height of sea level: $\leq 2000 \text{ m}$
- Ambient atmospheric pressure: $80\text{-}110 \text{ kPa}$
- Storage temperature range $-10^{\circ}\text{C}\sim+40^{\circ}\text{C}$, humidity range: $0\%\text{-}75\% \text{RH}$

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Application cautions

- Cannot be used in coal mine wells which have methane mixed gas and coal dust explosion hazard.
- Should be stored at and used for those places where have no strong impact force and shock.
- Cannot be used for those places where corrosive gas or steam exist.
- No waveform input allowed which may cause damage on motor enamelled wire and shorten its service life.
- No current input allowed which may damage bearing raceway.

Conditions of operation

The installation must be performed by professionals.

- Please check all the fastening parts to make sure there's NO any looseness existing.
- Please check to make sure there's NO any sundries with the motor fan, which may cause the fan damages and personal injury.
- Please check the nameplate, wiring diagram and specification data of the fan to make sure the fan meets your application requirements before installation.
- Please check to make sure there's NO clamping stagnation with the fan before installation.
- Please check the rotation direction of the fan to make sure it's running in the correct direction.
- Any reaching into the fan blade area is forbidden when the fan is running.
- During maintenance the power supply must be cut off to ensure the safety of people and property.
- Please avoid collision force and getting wet during the transit. Please check and maintain the fan periodically to last its service life.

Trouble shooting

Fault Name	Cause Analysis	Solution
Fan does not run	Incorrect wiring	Check the wiring as per wiring diagram
	Poor connection	Check if the connector(s) is (are) well connected
Fan is running with vibration	Incorrect wiring	Check the wiring as per wiring diagram
	Blade(s) deformed	Return the fan back to the factory for repairing
Fan is running inverted	Incorrect wiring	Check the wiring as per wiring diagram

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INDICATION: THE PRODUCER RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.



Pursuant to European Directive 2002/96/EC and the Act on waste electrical and electronic equipment, this device upon its decommissioning should not be disposed of together with other household waste. The user is required to deliver the device to the electrical and electronic equipment recycling collection centre.

