



Warning: Disconnect power before performing any maintenance.

Troubleshooting Guide

Symptom	Possible Cause(s)	Corrective Action
Fan will not start	<ol style="list-style-type: none"> 1. Tripped circuit breaker 2. Defective motor 3. Incorrectly wired 4. Electricity turned off 	<ol style="list-style-type: none"> 1. Reset circuit breaker 2. Repair or replace 3. Shut off power, check for proper connections 4. Contact local power company
Excessive noise or vibration	<ol style="list-style-type: none"> 1. Propeller is bent or hitting housing 2. Fan not securely anchored 3. Bad/noisy bearings 	<ol style="list-style-type: none"> 1. Free propeller of obstruction/replace propeller 2. Secure properly 3. Replace motor
Insufficient airflow	<ol style="list-style-type: none"> 1. Incorrect voltage applied 2. Defective motor 3. Propeller is damaged 4. Blocked Airflow 5. Not enough intake air 6. Fan is dirty 	<ol style="list-style-type: none"> 1. Wire properly 2. Replace motor 3. Replace propeller 4. Remove obstructions 5. Add additional air intake openings 6. Clean fan guards/screens, motor and propeller
Motor overheats or trips out	<ol style="list-style-type: none"> 1. Over/under line voltage 2. Defective motor 3. Fan is dirty 4. Not enough intake air 	<ol style="list-style-type: none"> 1. Contact local power company 2. Replace motor 3. Clean fan guards/screens, motor and propeller 4. Add additional air intake openings

Maintenance

Periodic maintenance and component cleaning schedules should be set to assure reliability and performance of the fan.

Fan blades should be periodically wiped down to remove any build up of dust or dirt—depending on the environment.

Periodically check for excessive vibration while fan is running.

Periodically inspect and tighten all set screws and hardware—check torque on propeller.

Assure all mounting hardware remains properly secured.

Motors feature permanently sealed ball bearings and require no further lubrication.

Note: Please contact the dealer/distributor where you purchased the fan from with any questions regarding the fan, manual or if you are in need of replacement parts.