

PROTECTO-GUARD

TROUBLESHOOTING GUIDE

NOTE: Every Protecto-Guard and Envirofan is tested and checked before it leaves the factory, and again by Northwest before it leaves our warehouse, resulting in an extremely low rate of returns. However, due to shipping and installation procedures, occasionally a Protecto-Guard or Envirofan will need a minor adjustment to hang or run satisfactorily. If this should happen, we recommend that you try the simple suggestions listed below before attempting return procedures.

One of the following suggestions will usually solve any of these problems that sometimes occur. If you continue to have trouble after trying these solutions, please contact your distributor or one of our technicians at 1-800-236-7080.

Problem	Suggestion
1. Fan wobbles	<ul style="list-style-type: none">a) Check that all blade brackets are screwed firmly to motor case.b) Check distance from tip of blades to ceiling. If blades get bent during installation, you must balance them. Gently bend up or down until all distances are the same. Do not bend brackets.c) Make sure upper canopy is 1/8" from ceiling.d) Make sure that hanging hooks are secured tightly to ceiling.e) Run fan without blades. If fan does not wobble without blades, the motor is not defective, but the blades may be bent.
2. Guard vibrates	<ul style="list-style-type: none">a) Guard will vibrate slightly at start-up of fan or during rapid speed changes while fan is running. This is momentary and will stop.b) If vibrating persists, make sure all hardware on guard and fan is secure.c) Check that secondary support cable has a small amount of slack.d) If rubber shim provided has been used, make sure guard is centered on shim.



Northwest Envirofan

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