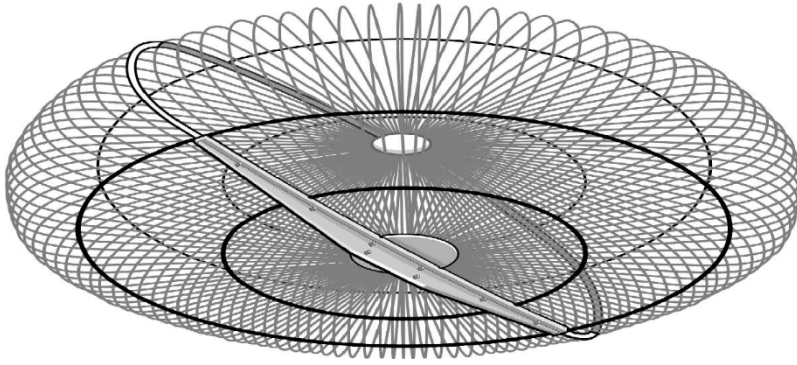


Only Protecto-Guard offers all of these features . . .



Protecto-Guard Designed to be Better.

EASY INSTALLATION:

- Two-piece construction for fast installation and lifetime strength.
- Easily installed on hanging fan with only 12 nuts and bolts. Mounts to downrod.

TWO-WAY SAFETY:

- Effective protection for ceiling fan, equipment and persons.
- Six-foot-long, 1/8" safety cable for secondary support.

GUARANTEED QUALITY:

- Heavy-duty, non-sagging 10-gauge steel wire.
- Resistance welding at each wire to wire joint.
- Triple resistance welding at each wire to flat metal joint.
- Made in the USA.

HIGH PERFORMANCE:

- Attractive shiny zinc plating. Chromate dip for lifetime rust and corrosion resistance.
- Patented design. 1 1/2" spacing between wires allows maximum air flow.
- Gentle pitch encourages objects to roll off.

A CHOICE OF STANDARD OR ECONOMY MODELS:

- Standard: 1 1/2" spacing between wires at the circumference.
- Economy: Same as standard except 3" spacing between wires at the circumference.

FOUR SIZES FIT MOST FANS:

- Model PG 40 - for 36" ceiling fans
- Model PG 52 - for 48" ceiling fans
- Model PG 60 - for 56" ceiling fans
- Model PG 64 - for 60" ceiling fans



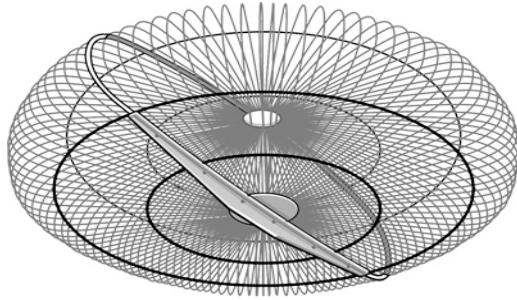
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A design so unique, it's patented . . .



The Protecto-Guard Story

The energy crunch that began in the early 70's brought a revival of the ceiling fan. Public and private industry quickly realized that ceiling fans could save substantial energy dollars by heat destratification and also by increasing the efficiency of air conditioning. Northwest Environmental Systems, Inc. was in on the ground floor of this revival and as a result became a major supplier of industrial ceiling fans, fan controls and accessories.

In 1982 Northwest's president, Paul Fowler, talked to the head maintenance engineer of our local public school system, suggesting that the schools consider ceiling fans as an economical way to keep some of the large, high-ceiling areas warmer. The engineer laughed and said, "Not a chance!". He agreed that the fans were necessary, but it seems that he had heard about another school district that had installed ceiling fans in their gymnasium and the students were using the tennis ball machines as automatic weapons with the ceiling fans as targets. He agreed that he liked the idea of fans, but would only consider using them if we were able to provide a more substantial guard than those on the market at that time.

This protest was valid. The need for a strong, effective and attractive fan guard was frequently an obstacle to fan installations. Schools **needed** a better guard. We knew that. And existing fan guards were cumbersome, their welds prone to break, their wires spaced too far apart for real safety, and--let's face it--they were downright ugly. Many of our distributors were requesting a better guard for schools, warehouses and public buildings. OSHA was recommending guards for any fan that was mounted less than ten feet from the floor in public areas, and warehouses were concerned about their aerial equipment used in areas with fans. But many customers just wouldn't accept what they felt were inferior quality guards.

Our president consulted with a local engineer who had a metal shop where he developed, manufactured and patented special order metal products. Together they built the first Protecto-Guard according to a wire design conceived by Mr. Fowler. The challenges were specific. This guard had to stop penetration of relatively small objects, yet not interfere with air circulation. Construction design had to be of the highest quality to withstand forceful blows, and at the same time be attractive even in the most modern decor. Installation on the fan had to be simple, and it would also be desirable for the guard to have a pitch that would allow any "flying objects" to slide off.

Success! And they realized that what they had developed was so unique that it should be patented. The special looped wire design with only 1 1/2" spacing at the circumference provided the required safety for both fans and people, yet allowed maximum air flow. This same wire design, combined with heavy-duty ten gauge wire and resistance/triple resistance welding provided superior strength. A shiny zinc coating on this unique sunburst pattern, truly made the Protecto-Guard hi-tech attractive as well as rust and corrosion proof. The two-piece construction allowed ease of installation as well as inherent lifetime strength. It also made possible the gentle slope which would allow some objects to roll off.

This same patented design, created in 1982, is still used today. We take great pride in the meticulous manufacturing process we use for each Protecto-Guard that guarantees it stands head and shoulders above the competition for quality, strength, function and appearance.

And yes...true to his word, the maintenance engineer did order Northwest fans and guards for our local school system.



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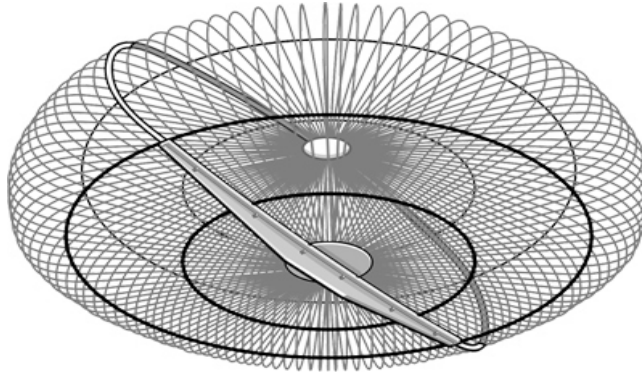
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PROTECTO-GUARD

SPECIFICATIONS



SPECIFICATIONS

- ✓ 40" to 64" in diameter
- ✓ 6' long, 1/8" Secondary Support Cable with four cable clamps
- ✓ Depth: 10" at base 9" at outer edge
- ✓ Weight: 24 lbs. to 60 lbs.
- ✓ Wire spacing: approximately 1.5"(regular) or 3"(economy) at circumference
- ✓ Finished in non-rusting bright zinc plating
- ✓ Fully encloses fan
- ✓ Installs easily with only 12 bolts and nuts
- ✓ Heavy-duty, non-sagging wires, double welded and riveted
- ✓ Tested at high speeds to resist penetration of small objects
- ✓ Ceiling fan functions smoothly in spite of errant balls or objects
- ✓ 1.5"(regular) or 3"(economy) spacing of wire allows maximum air flow
- ✓ Gentle pitching allows objects to roll off top of guard
- ✓ Fits most fans up to 60" in diameter

APPLICATIONS

Public Buildings
Schools
Gymnasiums
Arenas
Tennis and Racquetball Courts
Warehouses
Factories
Farm Buildings

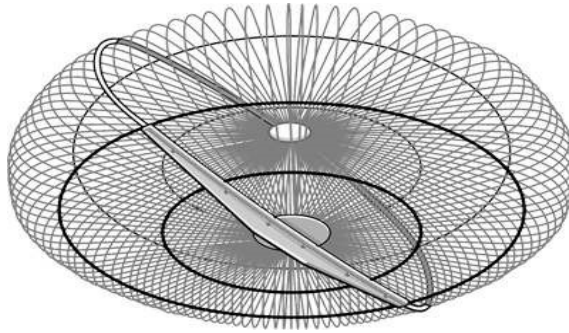


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PROTECTO-GUARD

INSTALLATION INSTRUCTIONS

MODEL PG-40

PARTS ENCLOSED

- (8) 10-32 X 3/4" Round head Phillips machine screws
- (8) 10-32 Keps type nuts
- (1) 6' Secondary support cable
- (4) Cable clamps
- (1) Rubber shim

INSTRUCTIONS:

1. Turn fan motor off.
2. Place two halves of guard around fan, making sure that guard does not interfere with blade rotation.
3. Place bolts and nuts to fasten two sections of Protecto-Guard together around downrod of fan.
4. If guard does not fit snugly to downrod, place rubber shim provided around downrod, between downrod and bracket, to help draw guard more tightly to downrod.
5. Properly tighten and secure all bolts.
6. Attach one end of secondary support cable to triangle bracket on top of guard and secure using two cable clamps. Loop opposite end of secondary support cable over rafter/joist and loop that end through the opposite triangle bracket on top of guard and secure with two remaining cable clamps. Be sure to allow a small amount of slack in the safety cable so the guard does not cause the fan to become out of balance.
7. Check for blade clearance by moving blades manually.

WARNING:

- Ceiling fan must be mounted with J-Bolt hardware directly to building structure capable of supporting the combined weight of both ceiling fan and guard. Do not install guard on fan mounted to a fan box.
- Protecto-Guard is fastened directly to downrod. This will increase the total weight on fan support parts and hanging brackets. Check with fan supplier to be sure that hanging hardware for fan is adequate for adding the Protecto-Guard.
- NOTE: All hanging hardware for Envirofan ceiling fans is specified to support both the Envirofan and the Protecto-Guard.
- Make sure secondary support cable is securely fastened to a permanent part of the building structure and does not interfere with blade movement.
- Before operating fan, make sure all bolts are properly secured.
- Check for blade clearance by moving blades manually.
- Secondary support cable must be securely fastened to permanent part of building and structure.
- Failure to follow these instructions could result in serious injury or death.

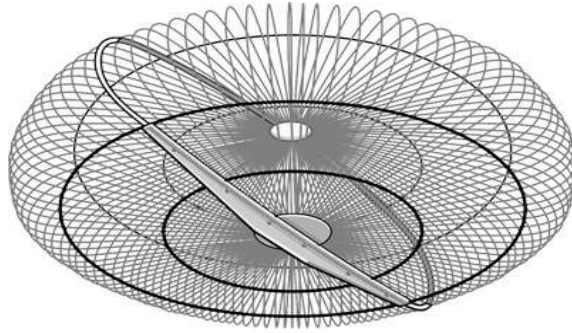


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PROTECTO-GUARD

INSTALLATION INSTRUCTIONS

MODEL PG-52

PARTS ENCLOSED

- (12) 10-32 X 3/4" Round head Phillips machine screws
- (12) 10-32 Keps type nuts
- (1) 6' Secondary support cable
- (4) Cable clamps
- (1) Rubber shim

INSTRUCTIONS:

1. Turn fan motor off.
2. Place two halves of guard around fan, making sure that guard does not interfere with blade rotation.
3. Place bolts and nuts to fasten two sections of Protecto-Guard together around downrod of fan.
4. If guard does not fit snugly to downrod, place rubber shim provided around downrod, between downrod and bracket, to help draw guard more tightly to downrod.
5. Properly tighten and secure all bolts.
6. Attach one end of secondary support cable to triangle bracket on top of guard and secure using two cable clamps. Loop opposite end of secondary support cable over rafter/joist and loop that end through the opposite triangle bracket on top of guard and secure with two remaining cable clamps. Be sure to allow a small amount of slack in the safety cable so the guard does not cause the fan to become out of balance.
7. Check for blade clearance by moving blades manually.

WARNING:

- Ceiling fan must be mounted with J-Bolt hardware directly to building structure capable of supporting the combined weight of both ceiling fan and guard. Do not install guard on fan mounted to a fan box.
- Protecto-Guard is fastened directly to downrod. This will increase the total weight on fan support parts and hanging brackets. Check with fan supplier to be sure that hanging hardware for fan is adequate for adding the Protecto-Guard.
- NOTE: All hanging hardware for Envirofan ceiling fans is specified to support both the Envirofan and the Protecto-Guard.
- Make sure secondary support cable is securely fastened to a permanent part of the building structure and does not interfere with blade movement.
- Before operating fan, make sure all bolts are properly secured.
- Check for blade clearance by moving blades manually.
- Secondary support cable must be securely fastened to permanent part of building and structure.
- Failure to follow these instructions could result in serious injury or death.

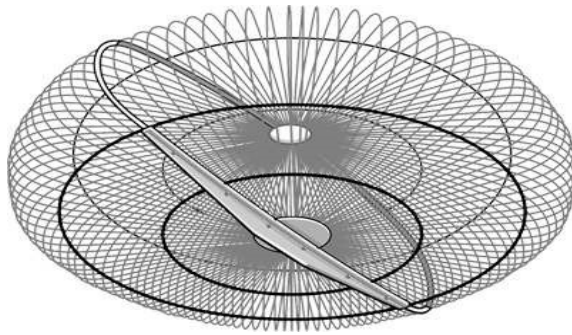


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PROTECTO-GUARD

INSTALLATION INSTRUCTIONS

MODEL PG-60

PARTS ENCLOSED:

- (12) 10-32 X 3/4" Round head Phillips machine screws
- (12) 10-32 Keps type nuts
- (1) 6' Secondary support cable
- (4) Cable clamps
- (1) Rubber shim

INSTRUCTIONS:

1. Turn fan motor off.
2. Place two halves of guard around fan, making sure that guard does not interfere with blade rotation.
3. Place bolts and nuts to fasten two sections of Protecto-Guard together around downrod of fan.
4. If guard does not fit snugly to downrod, place rubber shim provided around downrod, between downrod and bracket, to help draw guard more tightly to downrod.
5. Properly tighten and secure all bolts.
6. Attach one end of secondary support cable to triangle bracket on top of guard and secure using two cable clamps. Loop opposite end of secondary support cable over rafter/joist and loop that end through the opposite triangle bracket on top of guard and secure with two remaining cable clamps. Be sure to allow a small amount of slack in the safety cable so the guard does not cause the fan to become out of balance.
7. Check for blade clearance by moving blades manually.

WARNING:

- Ceiling fan must be mounted with J-Bolt hardware directly to building structure capable of supporting the combined weight of both ceiling fan and guard. Do not install guard on fan mounted to a fan box.
- Protecto-Guard is fastened directly to downrod. This will increase the total weight on fan support parts and hanging brackets. Check with fan supplier to be sure that hanging hardware for fan is adequate for adding the Protecto-Guard.
- NOTE: All hanging hardware for Envirofan ceiling fans is specified to support both the Envirofan and the Protecto-Guard.
- Make sure secondary support cable is securely fastened to a permanent part of the building structure and does not interfere with blade movement.
- Before operating fan, make sure all bolts are properly secured.
- Check for blade clearance by moving blades manually.
- Secondary support cable must be securely fastened to permanent part of building and structure.
- Failure to follow these instructions could result in serious injury or death.

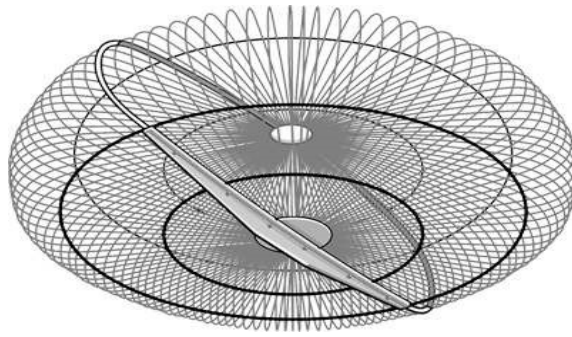


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PROTECTO-GUARD

INSTALLATION INSTRUCTIONS

MODEL PG-64

PARTS ENCLOSED:

- (12) 10-32 X 3/4" Round head Phillips machine screws
- (12) 10-32 Keps type nuts
- (1) 6' Secondary support cable
- (4) Cable clamps
- (1) Rubber shim

INSTRUCTIONS:

1. Turn fan motor off.
2. Place two halves of guard around fan, making sure that guard does not interfere with blade rotation.
3. Place bolts and nuts to fasten two sections of Protecto-Guard together around downrod of fan.
4. If guard does not fit snugly to downrod, place rubber shim provided around downrod, between downrod and bracket, to help draw guard more tightly to downrod.
5. Properly tighten and secure all bolts.
6. Attach one end of secondary support cable to triangle bracket on top of guard and secure using two cable clamps. Loop opposite end of secondary support cable over rafter/joist and loop that end through the opposite triangle bracket on top of guard and secure with two remaining cable clamps. Be sure to allow a small amount of slack in the safety cable so the guard does not cause the fan to become out of balance.
7. Check for blade clearance by moving blades manually.

WARNING:

- Ceiling fan must be mounted with J-Bolt hardware directly to building structure capable of supporting the combined weight of both ceiling fan and guard. Do not install guard on fan mounted to a fan box.
- Protecto-Guard is fastened directly to downrod. This will increase the total weight on fan support parts and hanging brackets. Check with fan supplier to be sure that hanging hardware for fan is adequate for adding the Protecto-Guard.
- NOTE: All hanging hardware for Envirofan ceiling fans is specified to support both the Envirofan and the Protecto-Guard.
- Make sure secondary support cable is securely fastened to a permanent part of the building structure and does not interfere with blade movement.
- Before operating fan, make sure all bolts are properly secured.
- Check for blade clearance by moving blades manually.
- Secondary support cable must be securely fastened to permanent part of building and structure.
- Failure to follow these instructions could result in serious injury or death.



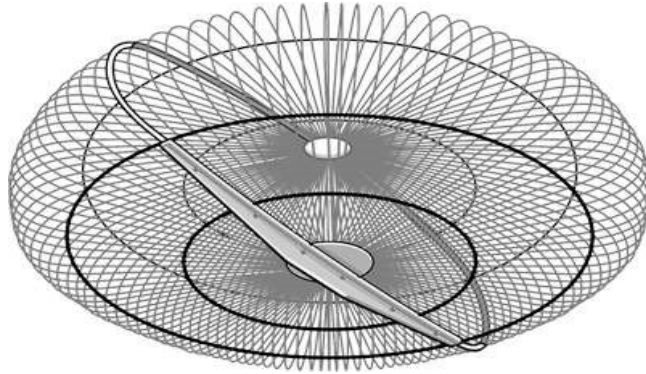
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PROTECTO-GUARD WARRANTY INFORMATION



Protecto-Guard Ceiling Fan Guards – One Year Warranty

For a period of one year from the date of sale to the original user, Northwest will repair or, at its option, replace the Protecto-Guard if it malfunctions or fails because of defects in workmanship or materials.

Warranty Service

1. The above warranty does not cover defects, malfunctions, or failure of products which are caused by mishandling, improper installation, modifications, unreasonable use, or repairs by persons not authorized by Northwest.
2. Northwest Envirofan will not be liable for consequential or incidental damage caused by defects in workmanship or materials.
3. Some states have various laws regarding limited warranties or disclaimers. Consult local laws for any rights you may be entitled to.

Warranty Claim Procedures

1. A Return Merchandise Authorization (RMA) must be obtained from Northwest Envirofan by calling 800-236-7080 or emailing info@envirofan.com.
2. The product in question must be returned prepaid to Northwest Envirofan with a dated copy of the invoice as proof of purchase.
3. The purchaser will be responsible for the removal and reinstallation, plus all insurance, freight, and any other transportation charges.
4. Northwest Envirofan will return the product freight prepaid if it is determined that there was a defect in workmanship or material. All product returned must be properly packaged to prevent any damage in transit. If returned goods are not properly packaged, Northwest Envirofan will void any warranty claim.



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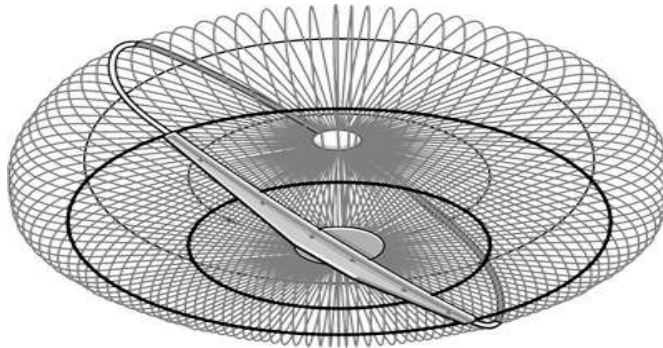
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PROTECTO-GUARD

TROUBLESHOOTING GUIDE



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** or email us at **info@envirofan.com**.

- | <u>Problem</u> | <u>Suggestion</u> |
|--------------------------|---|
| 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. |



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