

Helios Ceiling Fan

Craftmade
INTERNATIONAL

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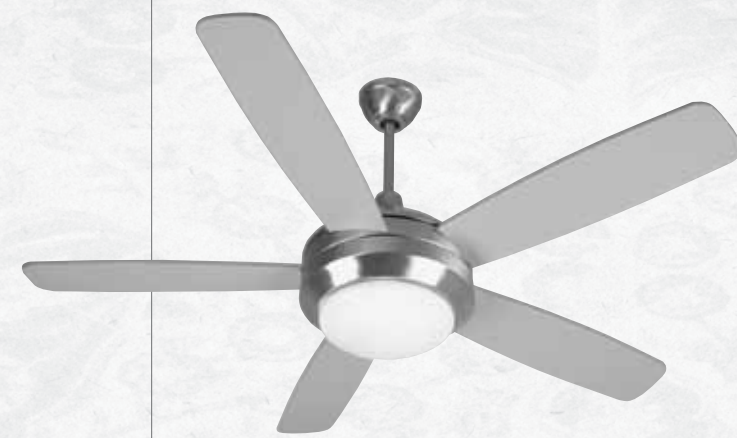
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HE52

Installation Instructions
Instrucciones de instalación
Instructions d'installation

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1 Read and Save These Safety Precautions

1. Turn off electricity at main switch before wiring or servicing fan in order to avoid possible electrical shock.
2. All wiring must be in accordance with the National Electric Code (ANSI/NFPA70-1999) and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
3. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on the one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
4. The splices after being made should be turned upward and pushed carefully up into the outlet box.
5. Conductor of a fan identified as grounded conductor to be connected to grounded conductor of power supply, conductor of a fan identified as ungrounded conductor to be connected to an ungrounded conductor of power supply, conductor of fan identified for equipment grounding to be connected to an equipment-grounding conductor.
6. Fan should not be mounted in an area where it might get wet.
7. To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked "Acceptable for Fan Support" and use mounting screws provide with the outlet box. The outlet box and its support must be able to support the moving weight of the fan (at least 35lbs).
8. For safety and best operating results, we recommend that you have a qualified electrician assemble and install your fan.
9. **WARNING:** To reduce the risk of fire or electric shock, use this fan only with solid state speed control device provided.
10. Wall switch, model UC9787TB, the switch have been investigated and found acceptable for use as a fan speed control.
11. **WARNING:** To reduce the risk of personal injury, do not bend the blade brackets when installing the brackets, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.
12. **Weight:** The weight of the complete fan, including assembly hardware is 12.8 lbs.

Trouble Shooting

Problem A: Fan Will not Start
Remedies:
1. Check fuse or circuit breaker and replace if necessary.
2. Turn off electrical power and check all wire connectors.
3. Check on/off/TCS and wall control selector switch. See operation instructions.

Problem B: Fan is Excessively Noisy
Remedies:
1. Check that all screws in fan assembly are tight and properly seated.
2. Check to make sure mounting bracket is installed properly.
3. Check to make sure light kit and glass are installed properly and tight.
4. If wall control is used, insure the wall control is not a transformer or a variable speed type.

Problem C: Fan Wobbles
Remedies:
1. Check that all blades are screwed firmly into blade holders.
2. Check that all blade holders are screwed firmly into motor.
3. Check the weight of blades. All our blades are weighed on electronic scales. The weight is marked on the reverse side of the fan blade near the motor end. All of the blades should be the same weight to prevent fan from wobbling.
4. A balancing kit is enclosed if needed.

2 Before Assembly

1. Make sure that the fan voltage (120) is compatible with your own electrical system.
2. Check to make sure that your carton contains all the parts mentioned in the parts list.

NOTE: The box can be used as a work space to prevent any damage on the ornamental surface.

CAUTION: Before installing, choose a location for mounting the fan where the blades have at least 7 feet of clearance from all objects and floor. Mount an outlet box to the ceiling or use an existing box.

CAUTION: Do not mount fan to sheet rock or drywall type materials. To insure proper support, use the two #1 wood screws to secure mounting bracket to joist or beam. If the location you choose does not have a suitable support beam, install a 2" x 4" brace between ceiling joists to support.

Screw Package

Quantity	Hardware Inventory
S1	Wood Screws and Washers
S2	Screws (for Canopy)
S3	Bracket Screws & Washers
S4	Blade Screws
S5	Wire Connectors
S6	Safety Bolt & Nut
S7	"J" Hook
S8	Zip Tie
S9	Pull Chain

Tools you Need

1. Phillips Screwdriver
2. Flat Screwdriver
3. Adjustable Wrench
4. Wire Snippers

What You Have

Parts	Quantity
1. Mounting Bracket	1
2. Down Rod Assembly	1
3. Canopy	1
4. Canopy Ring	1
5. Hanger Cover	1
6. Fan Motor	1
7. Blades (Included)	5
8. Glass	1
9. 75W Halogen Bulb	1

3 Turn off circuit breakers and wall switch to the fan supply line leads.

Preparation Important: When using an existing outlet box, be sure the box is securely attached to the building structure and can support the full weight of the fan. Failure to do so can result in serious injury or death.

NOTE: The box can be used as a work space to prevent any damage on the ornamental surface.

CAUTION: Before installing, choose a location for mounting the fan where the blades have at least 7 feet of clearance from all objects and floor. Mount an outlet box to the ceiling or use an existing box.

CAUTION: Do not mount fan to sheet rock or drywall type materials. To insure proper support, use the two #1 wood screws to secure mounting bracket to joist or beam. If the location you choose does not have a suitable support beam, install a 2" x 4" brace between ceiling joists to support.

IMPORTANT: If using the angle mount method, check to make sure the ceiling angle is not steeper than 35°. Angles greater than 35° will require a 45° angle adapter.

Check to make sure blades are at least 30° from any obstruction.
Check Down rod Length to make sure blades are at least 7' above the floor.

4 Installing Mounting Bracket

NOTE: Do not mount directly to sheet rock or ceiling tile.

Prior to securing mounting bracket, screw "J" hook (S7) into ceiling outlet box as a secondary support means. Secure mounting bracket (#1) to the outlet box (A) by tightening bracket screws & washers (S2) as shown. If not mounting to an outlet box, use wood screws (S1) and mount securely to ceiling beam. Be sure at this point to insert canopy screws in bracket.

5

Take out the six screws in the top motor housing. Save the screws. Raise the top motor housing off the base (see figure 1). Slide blade through slot on side of fan. Attach with blade screws as shown in figure 2. Repeat this procedure until all five blades are secured. Tighten firmly. Reattach top motor housing with previously removed screws. Tighten firmly.

Figure 1

Figure 2

Top View

CAUTION: Never hold or lift fan by blades

6 Downrod Assembly
(For flushmount installation, see step 12)

Locate downrod assembly (#2). Loosen ball screw on black hanging ball to free lock pin. Black hanging ball will slide down. Remove ground screw and green ground wire. Remove hanging ball from downrod and save all parts. Insert fan wires through downrod.

7 NOTE: To install as flushmount, skip to step 12

Thread the downrod onto the motor housing making sure the wires don't get twisted.

Insert safety bolt (S6) through flange & downrod and attach nut. Tighten firmly.

Tighten top set screw against downrod.

8

Place flange cover, canopy ring, and canopy in order over downrod assembly.

WARNING: Failure to completely tighten downrod as described in steps above could result in the fan loosening and possibly falling.

Replace hanging ball, insert hanging pin through downrod and tighten set screw through hanging ball into downrod.

9

Lift fan onto the mounting bracket (#1). Turn housing until hanging ball seats itself into ball socket (listen for click).

For added security, attach safety cable from fan unit to "J" hook (S7) in outlet box. Secure by looping zip tie (S8) through safety cable and "J" hook. Tighten zip tie securely.

WARNING: To reduce the risk of fire, electric shock or personal injury, mount so outlet box marked "acceptable for fan support" and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

10

1. Connect fan wires to ceiling wires: white fan wire to white outlet wire, black to black and green to green. Wire connectors (S5) are provided for your convenience.
2. After connections are made, turn splices upward and push carefully into outlet box. Separate black wires on one side of the box, and white and green wires on the other side.

There are 2 colored wires coming from the top of the motor.

11

Install the canopy:
Loosen two screws from the hanger bracket and remove the other two. Align the canopy up to ceiling and over the loosened screw. Place the canopy into the key hole. Secure the canopy by tightening the previously loosened and removed screws. Attach canopy ring (#4) to canopy, press and lock into place.

12 Flushmount Option

Remove three larger alternating screws from the coupling of the motor, align the holes of the bottom of the canopy and secure the canopy to the motor by using three screws previously removed. Hang the motor assembly onto the hook from the bracket allowing it to hang freely and connect the fan wires, as shown in step 10.

13

Install halogen light bulb into fan. Screw bulb firmly into socket. Then install glass by raising glass to fan and turning glass clockwise until firmly seated.

Halogen Bulb
Glass