

OPERATING INSTRUCTIONS & PARTS MANUAL



6" CLIP-ON AIR CIRCULATOR MODEL 6C507D/9145D

READ AND SAVE THESE INSTRUCTIONS

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!

RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

DESCRIPTION

The Air King® 6" (15.2 cm) Clip-On Air Circulator features whisper-quiet operation, rotary switch control with adjustable vertical tilt and 360° head pivot. The six-inch (15.2 cm), 3-paddle fan blade is powered by a permanently pre-lubricated motor.

SPECIFICATIONS

Motor 120V, 50/60 Hz
Blade diameter 6" (15.2 cm)
Cord 6 ft. (1.8 m), 18/3
Speeds 2
Control Rotary Switch
Approvals UL listed. Close mesh fan guard meets OSHA requirements.

MODEL	6C507D/9145D	
SPEED	HIGH	LOW
CFM	190	90
M ³ /s	0.09	0.04
RPM	2020	1740
Amps	0.19	0.14
Watts	12	9
dB A	37	34

GENERAL SAFETY INFORMATION

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following:

1. Read all instructions before using Fan.
2. Make certain that the power source conforms to the electrical requirements of the Fan.
3. Use this Fan only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electrical shock, or injury to persons.
4. Unplug power cord before installing, servicing, or moving the Fan.

WARNING: DO NOT DEPEND UPON THE ON-OFF SWITCH AS THE SOLE MEANS OF DISCONNECTING POWER WHEN INSTALLING OR SERVICING THE FAN. ALWAYS UNPLUG THE POWER CORD.

5. This Fan must NOT be used in potentially dangerous locations such as flammable, explosive, chemical-laden or wet atmospheres.
6. DO NOT use Fan in or near a window. Rain may create an electrical hazard.
7. The power cord is equipped with a three-prong grounded plug that must be inserted into a matching receptacle. Under no circumstances should the grounding prong be cut off the plug. Where a two-prong wall receptacle is encountered, it must be replaced with a properly grounded three-prong receptacle installed in accordance with the National Electrical Code (NEC) and all applicable local codes and ordinances. This work must be done only by a qualified electrician, using copper wire only.

WARNING: USE OF A THREE-PRONG TO TWO-PRONG ADAPTER IS NOT RECOMMENDED. IMPROPER CONNECTION MAY CREATE THE RISK OF ELECTROCUTION. USE OF SUCH ADAPTERS IS NOT PERMITTED IN CANADA.

WARNING: THIS PLUG IS A SAFETY FEATURE. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY, DO NOT REMOVE, REPLACE, REPAIR OR TAMPER WITH THE ORIGINALLY SUPPLIED PLUG. IF THE FAN DOES NOT FUNCTION PROPERLY, IT MAY BE DUE TO THE SAFETY DEVICE INCORPORATED IN THIS PLUG. CONTACT YOUR GRAINGER DISTRIBUTOR.

8. Where possible, avoid the use of extension cords. If they must be used, minimize the risk of overheating by ensuring that they are UL listed. Never use a single extension cord to operate more than one Fan.
 9. Do not operate any Fan with a damaged cord or plug or after the Fan malfunctions, has been dropped or damaged in any manner. Return Fan to authorized service facility for examination, electrical or mechanical adjustment or repair.
 10. Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as it may cause an electric shock or fire, or damage the Fan. Do not block or tamper with the Fan in any manner while it is in operation.
 11. Always place the Fan on a stable, flat, level surface when operating, to avoid the chance of the Fan overturning. Locate the Power Cord so the Fan or other objects are not resting on it. Do not run Power Cord under carpeting. Do not cover Power Cord with throw rugs, runners, or the like. Arrange Power Cord away from room traffic and where it will not be tripped over.
 12. This Fan is not intended for use in wet or damp locations. Never locate a Fan where it may fall into a bathtub or other water container.
 13. Do not use Fan outdoors.
 14. This Fan is not suitable for use in agricultural facilities including areas where livestock, poultry or other animals are confined. Please refer to National Electric Code (NEC) Article 547-7 (2002), or applicable state or local codes or standards relating to electrical requirements for Agricultural Buildings. **THIS FAN DOES NOT MEET THE REQUIREMENTS OF NEC ARTICLE 547-7 (2002).**
 15. This Fan is not suitable for use in hazardous locations. Please refer to National Electric Code (NEC) Article 500 or applicable state or local codes or standards relating to electrical requirements for Hazardous locations. **THIS FAN DOES NOT MEET THE REQUIREMENTS OF NEC ARTICLE 500 (2002).**
- WARNING: REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK – DO NOT USE THIS FAN WITH ANY SOLID STATE SPEED CONTROL DEVICES.**

SAVE THESE INSTRUCTIONS

MODEL 6C507D/9145D

ASSEMBLY

PACKAGE CONTENTS

Check to see that you have received all of the following parts:

- A. Fan Head Assembly B. Clip Assembly
1. Insert the **Fan Head Assembly** into top of the **Clip Assembly** until fully seated. (Figure 1)
 2. **WALLMOUNT USE:** Install a Screw (#8 x 3/4" Wood Screw or equivalent - not supplied) in the wall and hang the Clip Assembly on the Screw. (Figure 2)

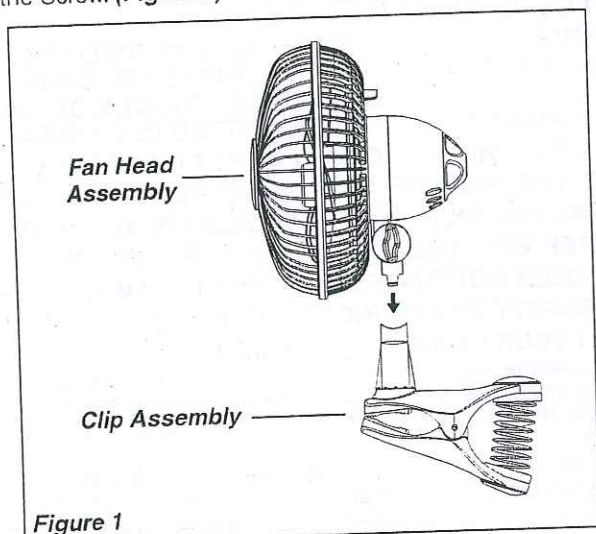


Figure 1

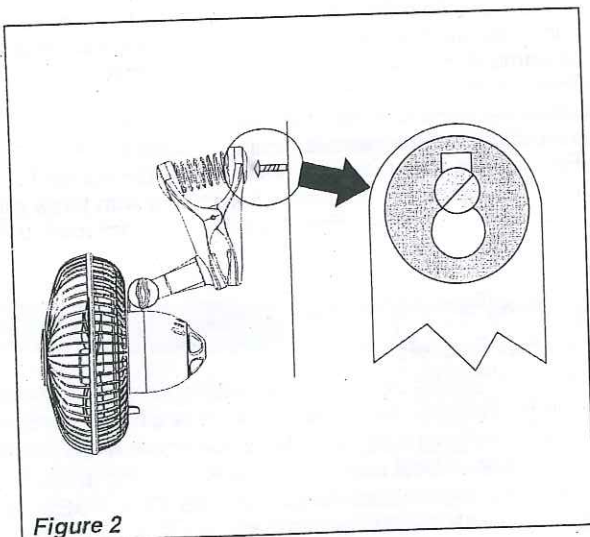


Figure 2

OPERATION

1. Clip fan to a structure that is between 3/4" and 1 1/8" thick. Clipping the fan to structures with greater or lesser widths may lead to instability.
2. **SPEED:** Speed is controlled by the three-position rotary switch located on rear of the motor housing.
 - 0 - OFF
 - 2 - High Speed
 - 1 - Low Speed
3. **ANGLE ADJUSTMENT:** Loosen knob under fan head. Tilt head to desired air flow position. Retighten knob.
4. **POWER SUPPLY CORD:** Plug power supply cord into wall outlet (120V AC, 60 Hz).

MAINTENANCE

WARNING: ALWAYS UNPLUG THE CORD BEFORE MOVING OR SERVICING THE FAN.

CLEANING: Use a soft cloth moistened with a mild soap solution. Avoid use of gasoline, benzine, thinner, chlorinated solvents, harsh cleaners, etc. This will result in damage to the fan.

LUBRICATION: Precision bearings are sealed at the factory for life and will not require any further lubrication.

STORAGE: When not in use, keep unit in a clean, dry place.

WARNING: TO AVOID THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE FAN WITH ANY SOLID STATE SPEED DEVICE.