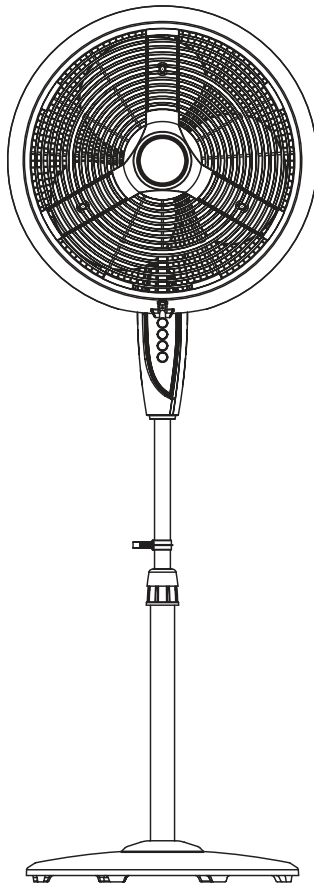


**newair**<sup>®</sup>

**AF-520B**

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# 18" Outdoor Misting Fan



## OWNERS MANUAL

*Read and save these instructions.*



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For future reference, we recommend you attach a copy of your sales receipt here and record the following information. You will need this information if it becomes necessary to contact the manufacturer for service inquiries.

Date of Purchase: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Model Number: \_\_\_\_\_



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## READ AND SAVE THESE INSTRUCTIONS.

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### BEFORE FIRST USE

- Read and follow all the instructions below even if you feel you are familiar with the appliance.
- Remove the packing and make sure that the appliance is intact. If in doubt do not use the appliance and contact the place of purchase.
- Do not leave packaging materials such as bags and staples within reach of children.
- Dispose of packaging carefully and with consideration for the environment.
- It is ideal to retain the appliance carton for seasonal storage.
- For your convenience, record the date you received the appliance on the warranty page of these instructions, and attach your proof of purchase. Retain this information in the event that warranty service is required.

# IMPORTANT INSTRUCTIONS

## CAUTION

Read Rules for Safe Operation and Instructions Carefully.

## SAFETY INFORMATION

### WARNING

- To reduce the risk of fire or electric shock, do not use this fan with any solid state speed control device.
- This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. Plug into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- This fan is provided with a ground fault circuit interrupter (GFCI) built into the plug of the power supply cord.  
This device provides additional protection from the risk of electric shock. Should replacement of the plug or cord become necessary, use only identical replacement parts that include GFCI protection.

### CAUTION

- Do not leave the fan running unattended.
- Do not use fan in a window. Rain may create an electrical hazard.
- Do not stick any object or body parts in the grill of the fan while the blades are moving or the fan is plugged in.

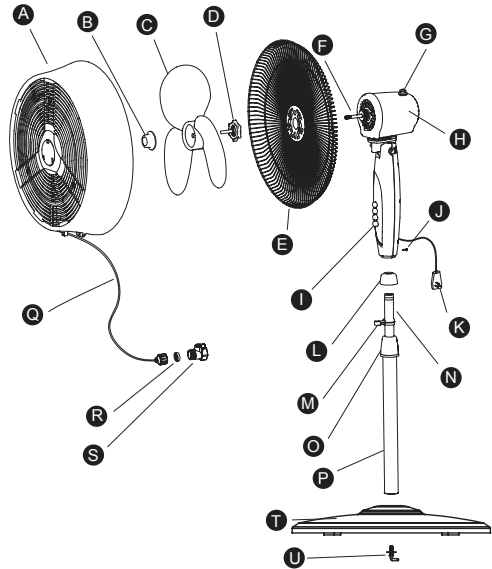
## RULES FOR SAFETY OPERATION

1. Fan should be used under rated voltage.
2. Connect power after the fan is fully assembled.
3. Never insert fingers, pencils, or any other object through the guard when fan is running.
4. Unplug from outlet when: not in use, when moving fan from one location to another, before putting on or taking off parts, and before cleaning.
5. Disconnect fan when removing grilles for cleaning.
6. Be sure fan is on a stable surface when operating to avoid overturning.
7. DO NOT use fan in a window. Rain water may create an electrical hazard.

**. SAVE THESE INSTRUCTIONS.**

## PARTS LIST

- A. Front grill
- B. Blade cap
- C. Fan blade
- D. Plastic nut
- E. Rear grill
- F. Motor shaft
- G. Clutch Knob
- H. Motor housing
- I. Push button
- J. Thumb screw
- K. Power cord
- L. Waterproof cover
- M. Misting line holder
- N. Internal pole
- O. Height adjustment knob
- P. External pole
- Q. Misting line
- R. Filter washer
- S. Valve
- T. Base
- U. "7" finger screw



## PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and diagram above. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Estimated Assembly Time: 15 minutes

Tools Required for Assembly: Phillips Screwdriver (NOT INCLUDED)

## ASSEMBLY INSTRUCTIONS

### Step 1. Fan Base Assembly (Fig. 1)

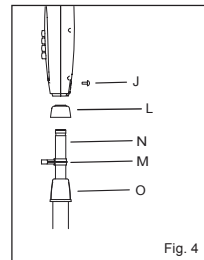
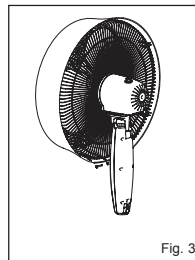
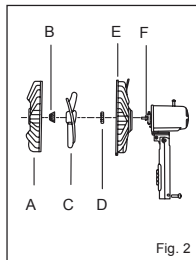
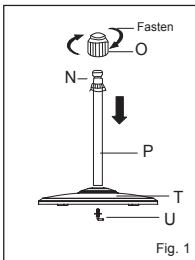
1. Unscrew the "7" finger screw (U) from the external pole (P) and attach the external pole (P) to the base (T) by tightening the "7" finger screw (U).
2. Remove the height adjustment knob (O) by unscrewing it counterclockwise.
3. Use your finger to pull out the internal pole (N), slide height adjustment knob (O) over internal pole (N). Fasten it to external pole (P) by turning the knob while holding the pole. Make sure the knob (O) is tightly fastened before final assembly.

### Step 2. Fan Head Assembly (Fig. 2)

1. Remove the blade cap (B) by turning clockwise. Remove the plastic nut (D) by turning counter clockwise.
2. Position the rear grille (E) over the motor shaft (F), make certain the handle is at the top and the one notch in the rear of rear grille (E) cover fit over the three prong on the motor housing(H).
3. Secure rear grille (E) by turning the plastic nut (D) clockwise and tightening firmly.
4. Slide the fan blade (C), with the hollow interior of the blade facing toward rear grille (E), onto motor shaft (F)
5. Secure Fan blade (C) onto motor shaft (F) by turning the blade cap (B) counterclockwise until it firmly in place.
6. Loosen the bolt on the bottom of the Front Grill (A) and mount the Front Grill (A) with the logo right side up to the Rear Grille (E) by snapping both together firmly. Ensure all snaps around the Front Grill (A) are secure on the Rear Grille (E).
7. Tighten the bolt on the bottom of the Front Grill (A).

### Step 3. Final Assembly (Fig. 4)

1. Loosen the thumb screw (J) by turning it counter clockwise.
2. Always keep the water proof cover (L) match with the height adjustable knob (O) when adjusting the internal pole (N).
3. Insert internal pole (N) into the neck joint and tighten by turning thumb screw (J) clockwise. Make sure it is tight enough to support the fan head.
4. Attach the Misting Line holder (M) onto the Internal pole (N).
5. Secure the Misting Line (Q) to the clip under the Front grill (A) and the Misting Line Holder (M).



## OPERATING INSTRUCTIONS

1. Place the fan on a level surface. Plug the GFCI plug into a standard 120V AC 3-Prong wall outlet.
2. Attach the Valve(S) onto a standard outdoor hose. Turn your water on at the spigot and use the lever on the valve(S) to turn water on and off.
3. To turn oscillation mode on, push the Clutch Knob (G). Pull the Clutch Knob (G) up to turn oscillation off.
4. To adjust the air flow upward or downward, simply tilt the fan head with hand and move to desired angle.
5. Control speed by pushing the desired button :  
0 - OFF, 1 - low, 2 - medium, 3 - high
6. The height of the fan can be adjusted by loosening the height adjustment knob (O) and carefully adjusting the Internal Pole(N). the fan and retightening Height adjustment knob(O). Always ensure the waterproof cover(L) covers the Height adjustable Knob(O) after adjusting the Internal Pole(N).

## GFCI OPERATIONS

The GFCI on the plug of this fan has 2 buttons "TEST" and "RESET". If you wish to see if the GFCI circuit is functioning properly press the "TEST" button. The fan will immediately shut off as if the GFCI has been activated and the window between the button will change to black. This lets you know the GFCI circuit has been activated. Press the "RESET" button and the fan can be turned on again and the window between the buttons will show orange. This indicates the GFCI circuit has not been activated and the fan should operate normally.

## MAINTENANCE INSTRUCTIONS

The fan requires little maintenance. Do not try to fix it by yourself. Refer it to qualified service personnel if service is needed.

1. Before cleaning and assembling, do not plug the pins into the socket.
2. To ensure adequate air circulation to the motor. Keep vents at the rear of the motor housing from dust, fluff and etc. A vacuum cleaner can not be used to clean these vents before unplug. Do not disassemble the fan remove fluff.
3. Please wipe the exterior parts with a soft cloth soaking a mild detergent.  
Do not use any abrasive detergent or solvents to avoid scratching the surface.  
Do not use of the following as a cleaner: gasoline, thinner, bending.
4. Do not allow water or any other liquid into the motor housing or interior parts.

#### Misting Nozzle Maintenance:

1. To clean the misting nozzles, use a pair of needles nose pliers to twist each nozzle counterclockwise.
2. Once removed, soak the nozzles in white vinegar for 2 hours.
3. Rinse each nozzle with water and place back into the front fan grill.
4. Twist clockwise until secure. DO NOT over tighten.

### TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
The fan will not operate.	The fan isn't plugged in and/or the electrical outlet isn't working properly.	Make sure the fan is plugged in and/or the electrical outlet is working properly.
The fan will not operate.	Obstructions are keeping the fan from working.	Check for obstructions. If you find an obstruction, turn the fan off. Unplug the fan and carefully remove the obstruction. Plug the fan in and turn it on again by referring to the operating instructions.

### CLEANING

1. Be sure to unplug the power cord from the outlet before cleaning.
2. Plastic parts should be cleaned with mild soap and damp cloth or sponge. Thoroughly remove soap film with clean water.
3. Be sure not to get water or other liquid inside of the motor.

- Water pressure must not exceed 555 153 kPa (5.62 kfg/cm<sup>2</sup>)
- The hose must be in good condition



## LIMITED MANUFACTURER'S WARRANTY

This appliance is covered by a limited manufacturer's warranty. For one year from the original date of purchase, the manufacturer will repair or replace any parts of this appliance that prove to be defective in materials and workmanship, provided the appliance has been used under normal operating conditions as intended by the manufacturer.

### **Warranty Terms:**

During the first year, any components of this appliance found to be defective due to materials or workmanship will be repaired or replaced, at the manufacturer's discretion, at no charge to the original purchaser. The purchaser will be responsible for any removal or transportation costs.

### **Warranty Exclusions:**

The warranty will not apply if damage is caused by any of the following:

- Power failure
- Damage in transit or when moving the appliance
- Improper power supply such as low voltage, defective household wiring or inadequate fuses
- Accident, alteration, misuse or abuse of the appliance such as using non-approved accessories, inadequate air circulation in the room or abnormal operating conditions (extreme temperatures)
- Use in commercial or industrial applications
- Fire, water damage, theft, war, riot, hostility or acts of God such as hurricanes, floods, etc.
- Use of force or damage caused by external influences
- Partially or completely dismantled appliances
- Excess wear and tear by the user

### **Obtaining Service:**

When making a warranty claim, please have the original bill of purchase with purchase date available. Once confirmed that your appliance is eligible for warranty service, all repairs will be performed by a NewAir™ authorized repair facility. The purchaser will be responsible for any removal or transportation costs. Replacement parts and/or units will be new, re-manufactured or refurbished and is subject to the manufacturer's discretion. For technical support and warranty service, please email [support@newairusa.com](mailto:support@newairusa.com).