



Your Source for Home Comfort

**TABLETOP  
COOL MIST  
HUMIDIFIER**

**USER MANUAL**

**FOR MODEL:**

**PAU16**

Before using your ultrasonic humidifier, please read this manual carefully and keep it for future reference, along with your receipt.





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# SAFETY GUIDELINES

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When using electrical appliances, basic safety precautions should always be followed. Failure to follow these safety precautions may result in personal injury, property damage, fire or shock.

1. Always have water in water tank when operating unit.
2. Use only clean, distilled or FILTERED tap water. Using tap water with a high mineral content (hard water) will result in a white dust and the need for more frequent cleanings. Hard water can be harmful to unit and may eventually cease its operation.
3. Be sure the cap of the tank is firmly tightened.
4. Position the unit within the room so the air output from the mist control output nozzle is aimed away from children, walls and furniture.
5. When removing the tank, use both hands on the tank to grip it securely.
6. DO NOT use if tank is cracked.
7. DO NOT place the appliance near heating devices such as a stove. Keep it out of direct sunlight. Keep the cord away from heated surfaces and areas where it can be stepped on or tripped over.
8. Use only 110-120V AC outlet. Be sure unit is plugged in firmly and completely. As with any electrical device, plug and unplug unit with dry hands only.
9. Turn the humidifier off and unplug the unit when not in use, when moving or when cleaning.
10. To avoid the risk of fire, shock or personal injury, do not use an extension cord.  
Warning: Never operate unit with a damaged cord or plug.
11. Never set on floor. Always place unit on a flat, level, waterproof surface at least 24 inches off floor AWAY from direct sunlight, computers or other sensitive electronic equipment. DO NOT place the humidifier on wood furniture or other surfaces that can be damaged by water. DO NOT place on floor or carpet.
12. DO NOT add medication or cleaning products of any type into the mist control nozzle, base or water tank. (See "Weekly Maintenance Cleaning & Care" section of this manual for proper instructions on cleaning the unit.) DO NOT cover, block or place anything over any opening. NEVER drop or insert any object into any openings.
13. The unit should not be left unattended in closed rooms as air could become saturated and leave condensation on walls or furniture. Always leave room door partially open.
14. DANGER: NEVER immerse the humidifier motor unit (base) in water or other liquids as electrical shock may occur.
15. DO NOT use outdoors.
16. Turn humidifier OFF if the relative humidity exceeds 60% or if you notice condensation on inside of windows. For proper humidity reading, use a hydrometer which is available in many retail stores.
17. The nebulizer (ultrasonic transducer) is highly sensitive. Keep this important part clean and treat it gently. Only clean per instructions.  
WARNING:
  - Do not touch the nebulizer while the unit is operating, as possible burns could result.
  - Do not touch the nebulizer with fingers. Any residue on the metal will reduce mist output.
18. The unit contains no consumer serviceable parts. To reduce the risk of electrical shock, do not attempt to open the base of the humidifier.

## SAFETY GUIDELINES (continued)

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### **DANGER!**

To reduce the risk of electrical shock, this product has a polarized plug (one blade is wider than the other). As a safety feature this plug will fit into the outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to bypass this safety feature. Improper use of electric cords and plugs can cause a fire or electric shock hazard. NEVER pull on the cord to remove the plug from the outlet. Grip plug and pull from outlet. Check the power cord and plug for damage. A damaged cord or plug must be repaired before using the humidifier.

## TECHNICAL DATA

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Model	PAU16
Voltage	120V, 60Hz
Watts	20W
Output per Hour	3.5-8.8 oz/hr
Water Tank Capacity	0.4 gallons
Run Time	6-8 hrs

### **FOR HOUSEHOLD USE ONLY**

All data was tested by the factory and is for reference only.

This product is designed for home use only.

## FEATURES

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Micro Mist



Whisper Quiet  
Operation



Adjustable  
Output Levels



Auto Shut-Off



Active Carbon  
Filter



Waterless  
Indicator

### Ultrasonic Technology

Ultrasonic technology is widely used in various domains. Water is atomized by ultrasonic sound waves and propelled through the air by a small fan. These ultrasonic pulses are silent and produce visible mist that quickly disperses to increase the level of humidity in the immediate area. The unit features an easy to clean ultrasonic transducer (nebulizer) for increased longevity.

### Auto Shut Off Protection / Waterless Indicator

When the water tank is empty, the motor will shut off automatically and Power Indicator Light will turn red.

### Micro Mist

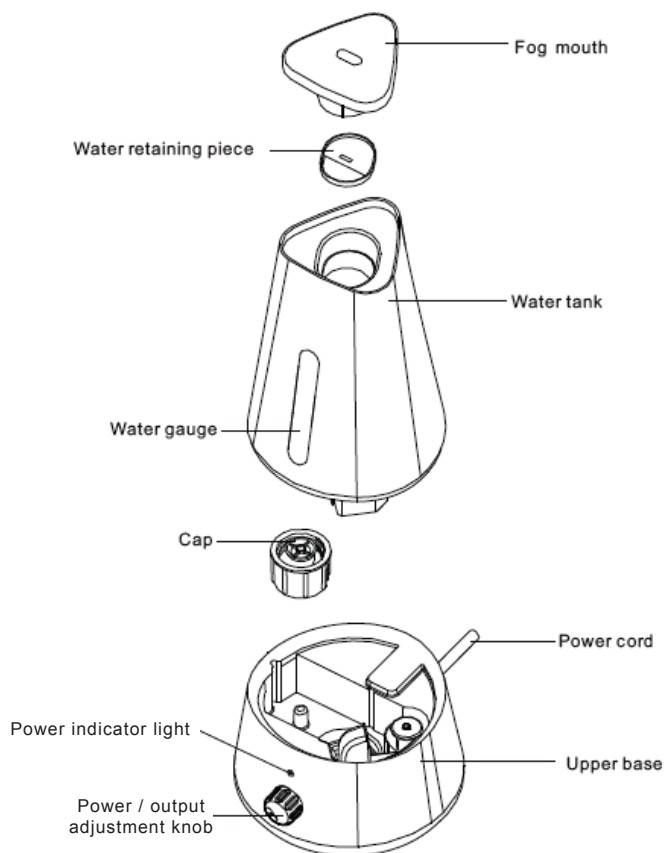
Micro mist water particles are smaller than water particles produced by regular ultrasonic humidifiers. Benefits of micro mist technology include up to 40% greater output, water vapor particles 70-80% smaller for quicker air dispersion, 25% greater room coverage, and less condensation on and around unit.

### Overload Protection

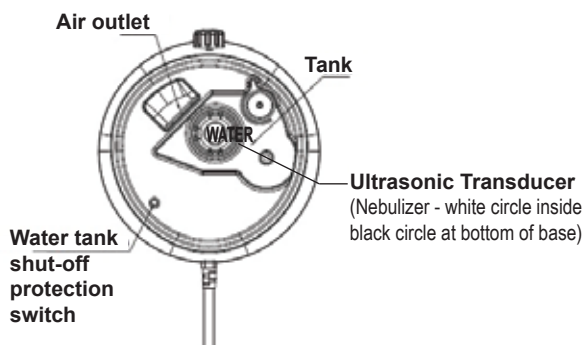
The unit will automatically shut off if a circuit is overloaded.

# STRUCTURE DIAGRAM

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## Top View of Base

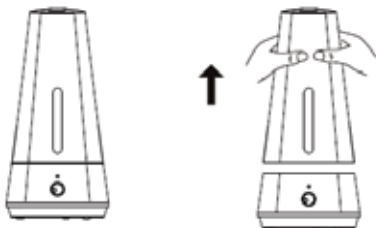


*Pictures for reference only.*

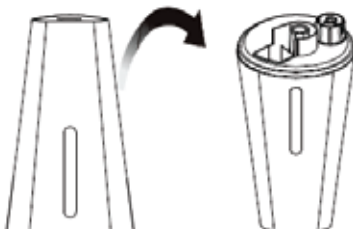
# OPERATING INSTRUCTIONS

## SETTING UP YOUR HUMIDIFIER

1. Carefully pull water tank up to remove it from base.



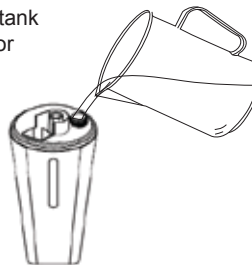
2. Turn the water tank upside down.



3. Turn the cap counter clockwise.



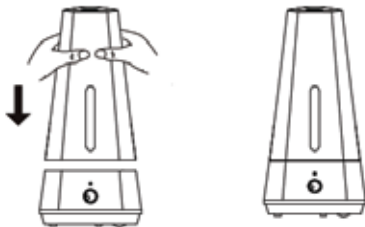
4. Fill up the water tank with FILTERED or distilled water.



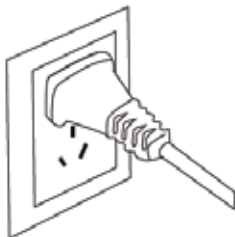
5. Replace the tank cap by firmly turning it clockwise.



6. Carefully return the water tank back to the base. Base will partially fill with water.



7. Plug in the unit completely into an adequate outlet. (See page 3 for technical data.)



8. Turn unit on by turning the knob clockwise. The indicator light will come on and mist will come from the fog mouth. The indicator light will turn red when the water tank is empty. **NOTE:** Turn the unit off when refilling the tank or moving the unit.



Closed  
(off)



Minimum  
mist volume



Maximum  
mist volume

*Continued on next page.*

# OPERATING INSTRUCTIONS

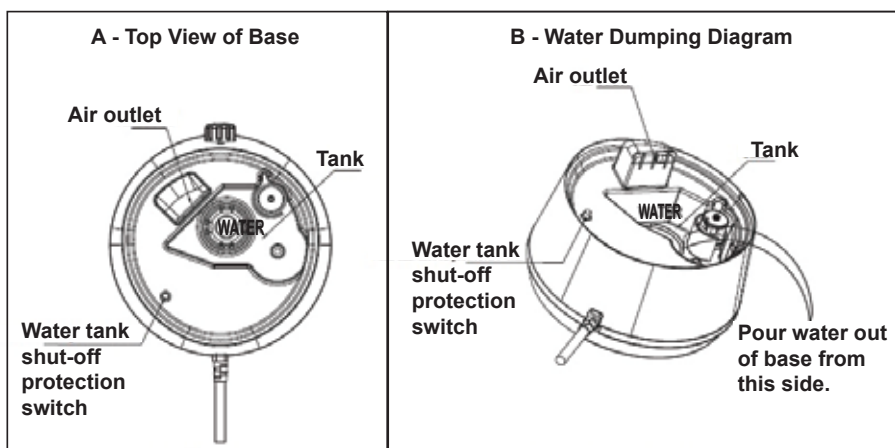
## HOW TO USE YOUR HUMIDIFIER

### IMPORTANT NOTES REGARDING HUMIDIFIER USAGE

1. It is recommended that the humidifier base be cleaned before first use. See cleaning instructions on next page.
2. Be sure unit is at least 24 inches off of the floor. Place unit on a firm, level surface. Do not place unit on overly soft, unstable surface, towel or wood. The humidifier should be placed at least four (4) inches away from all walls and away from heat sources and at least 6½ feet from any electronics such as a TV set, speakers, etc.
3. When filling the tank, note:
  - a. Always unplug unit before filling and replacing tank.
  - b. Distilled or softened water is highly advised. Minerals in (hard) tap water may cause a "white dust" to appear on furniture and can also eventually cause unit failure.
  - c. Extreme temperatures can damage unit. Water temperatures should NEVER be too hot or too cold. Water temperature should fall between 40°F and 90°F.
  - d. Return tank securely to base before turning on humidifier.
4. To turn unit on
  - a. Plug power cord into a 110-120V AC wall outlet only.
  - b. Turn the Power/Output Adjustment Knob in a clockwise direction to begin operation of unit.
  - c. Turn mist output control nozzle to manually adjust mist direction.
5. To turn unit off
  - a. Turn unit off when desired room humidity is achieved by turning the Power/Output Adjustment Knob counter-clockwise to the Closed (off) position.
  - b. Always turn unit off when water tank is empty.
  - c. Unit will automatically stop creating mist when water level in base is very low.
  - d. Do not let water sit in water bottle tank or base for more than 24 hours.
  - e. Unplug when not in use.

### IMPORTANT: Disposing of water in base

When dumping water out of the base, it is important to pour the water out of the part of the unit as shown in diagram B (below) so water does not leak into the interior electrical workings of the humidifier and damage the unit. Avoid pouring the water out of the base in the direction of the air outlet and protection switch.





# WEEKLY MAINTENANCE CLEANING & CARE

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For optimum performance, clean your humidifier weekly according to the following instructions.

**IMPORTANT:**

- Unplug the power cord before cleaning
- NEVER use any cleaning products/solutions which are abrasive, corrosive or flammable, as these can be harmful to the unit and void warranty if used.

## **STEP ONE: Scale Removal**

1. Fill the base with one 5-oz cup of undiluted white vinegar.
2. Let solution stand for 20 minutes.
3. With the vinegar in the base, clean all interior surfaces with a soft cloth or brush to help remove scales. Do not touch the nebulizer with fingers. Any residue on nebulizer will reduce mist output.
4. Carefully rinse with clean, warm water and gently wipe clean.

## **STEP TWO: Disinfecting**

1. Fill the tank with a solution of bleach and water. (Use 1/4 teaspoon of household bleach in 1/4 gallon of water.)
2. Let solution stand for 20 minutes, shaking vigorously every few minutes.
3. Rinse with warm water until the bleach smell is gone.

# STORAGE INSTRUCTIONS

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1. Clean unit thoroughly according to instructions and allow to dry completely before storing.
2. Store unit in an upright position away from sunlight. Do not store in temperatures below 41°F.

# ONE YEAR LIMITED WARRANTY

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**PERFECT AIRE®** warrants that during the first year from the original date of purchase, this product will be free from defects in material and workmanship. Perfect Aire, at its discretion, will repair or replace this product or any component of this product found to be defective during the warranty period. This is a one-time replacement warranty. If the product is no longer available, Perfect Aire will replace the unit with a similar model of equal or greater value.

This warranty is not transferable. Proof of purchase is REQUIRED in order to obtain warranty assistance.

## **This warranty does NOT cover:**

- Damages caused by improper installation or improper cleaning.
  - Negligent use or misuse of the product.
  - Damages as the result of not using product in accordance with provided instructions.
  - Damage to product, walls paintings/portraits, furniture, floor, etc. as the result of high mineral content in water.
  - Damage to product, walls, paintings/portraits, any furniture (wood), floors, etc. as a result of improper installation and/or cleaning.
  - Use of improper voltage or current.
  - Additional or extended warranties offered by retailers.
  - Disassembly or repair by anyone other than an authorized Perfect Aire service center provider.
  - Products used in a commercial setting.
  - Floor display 'as-is' models.
  - Damage caused by acts of nature such as hurricane, tornado, fire, etc.
  - Incidental or consequential damages caused by breach of any expressed, implied or statutory warranty or condition with exception to the extent prohibited by law.
  - Any performance issues that fall outside of the 1 year warranty.
- Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. This limitation or exclusion may not apply to you.

## **DO NOT RETURN THIS PRODUCT TO THE STORE.**

If you have any questions about this product or its warranty, please call consumer services at toll-free 877-365-6274.

# TROUBLESHOOTING

*Please check the following troubleshooting tips before calling for assistance.*

Problem	Reason	Solution
Power light is off	Unit not plugged in	Plug in unit and turn on the power / output adjustment knob.
	Wall outlet has no power	Check the circuit and fuse; try another socket.
Unit / Mist has peculiar smell	New unit	Air unit out in cool place for 12 hours without the tank on the unit.
	The water is dirty or stale	Thoroughly clean unit and place fresh water in tank.
Excessive noise	Vibration between the humidifier and surface	Place the unit on a stable, waterproof surface.
	Low water level in water tank	Fill the water tank.
White dust	Water contains high mineral content	Switch to distilled or filtered water; clean nebulizer according to instructions.
Damp table or floor	Unit too far from end of table or too close to floor	Move unit closer to edge of table so mist has more time to disperse. Do not place unit on floor.
	Base overflowed	Tank cap not securely attached or needs replacement.
No mist / Little mist / Mist stuck	Base overfilled	Empty base and restart.
	No water in the water tank	Add water to the water tank.
	The power / output adj. knob is not turned on	Rotate the power / output adjustment knob clockwise to power the unit on.
	The humidifier is not on a flat surface	Put the humidifier on a flat surface.
	There is scaling on the nebulizer / transducer	Clean the nebulizer / transducer according to instructions.
	Tank was cleaned with wrong type of cleaner	Use fresh water to clean the water tank completely and then let tank dry completely.
	The water level is too low	Add water to the water tank.
	The water is dirty or stale	Thoroughly clean unit and place fresh water in tank.
	The nebulizer / transducer or fan does not work	Call Perfect Aire consumer services: 877-365-6274
Condensation on windows or machine	The room is too small or too humid	Turn down the mist volume or turn the unit off completely.
Scaling on nebulizer / transducer	Water is too hard	Use distilled or filtered water.





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