

# PORTACOOOL JETSTREAM OWNER'S MANUAL

**PACJS240, PACJS250,  
PACJS260, PACJS270**



**PORTACOOOL™**

WHEN COMFORT COUNTS™

# QUICK SETUP

1



Remove box and pallet

2



Position cooler on level surface

3



Fill tank or attach water hose

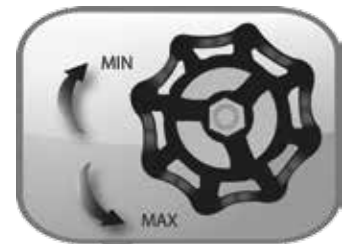
4



Plug into appropriate outlet

5

For setup, KUUL® evaporative media should appear wet before starting the fan. Check the water gauge to monitor water level in tank. The water adjustment valve on each portable evaporative cooler is set at max flow. However, ensure the knob is turned completely to the right before use. Turn to the left to increase water flow. Less water is required for cooling in more humid environments.



Water adjustment valve

Fill the tank, then turn on the pump switch and the fan

# SAFETY

## OPERATION WARNINGS

- 1) Not for use by children
- 2) Not for use by persons with reduced physical, sensory, or mental capabilities
- 3) Not for use by persons who have not reviewed the owner's manual and familiarized themselves with the operation of the cooler

## SAFE OPERATION

### To reduce the risk of electric shock, fire, or injury:

- Read the cooler's instructions, owner's manual and labels before operating.
- Do not operate evaporative cooler unless all media is securely in place.
- Do not operate near open containers of flammable liquids or gases.
- Do not operate within 35 feet of open flame or spark.
- When operating near open flame or spark (never closer than 35 feet), ensure that the pump is continuously running in order to saturate and wet KUUL® evaporative media.
- Never wash the cooler's housing with a garden hose; water may harm the motor or electrical system.
- Remove the plug from the electrical receptacle by pulling on the plug and not the cord.
- Test the GFCI/GLCI receptacle or breaker monthly to ensure it is functioning properly.
- Do not operate any cooler with a damaged cord or plug.
- If the cord or plug become damaged in any way, entire cord should be replaced.
- Repairs should only be made by qualified individuals and should only be made using authorized Portacool Replacement Parts.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area so it will not be tripped over.
- Always unplug the electric cord to the evaporative cooler before performing inspections or repairs.
- Plug into outlet of appropriate current and voltage capacity.
- Do not step on or roll over power cord with heavy or sharp objects.
- The use of extension cords with your cooler is not recommended. However, if the owner determines that his or her circumstance or intended use requires the use of an extension cord, the following requirements must be met:
  - Use properly grounded 14 AWG or greater for PACJS240-260.
  - Use properly grounded 12 AWG or greater for PACJS270.
  - Extension cord must not exceed 50 feet in length; and
  - Extension cord must be properly grounded.
- Coolers should not be modified in any way (other than repairs made by qualified individuals with Portacool replacement parts).
- If the cooler is damaged or malfunctions, do not continue to operate it. Refer to the warranty, troubleshooting or FAQ sections of this Owner's Manual, call Portacool, LLC Technical Support at 1-888-266-5243, or email support@portacool.com

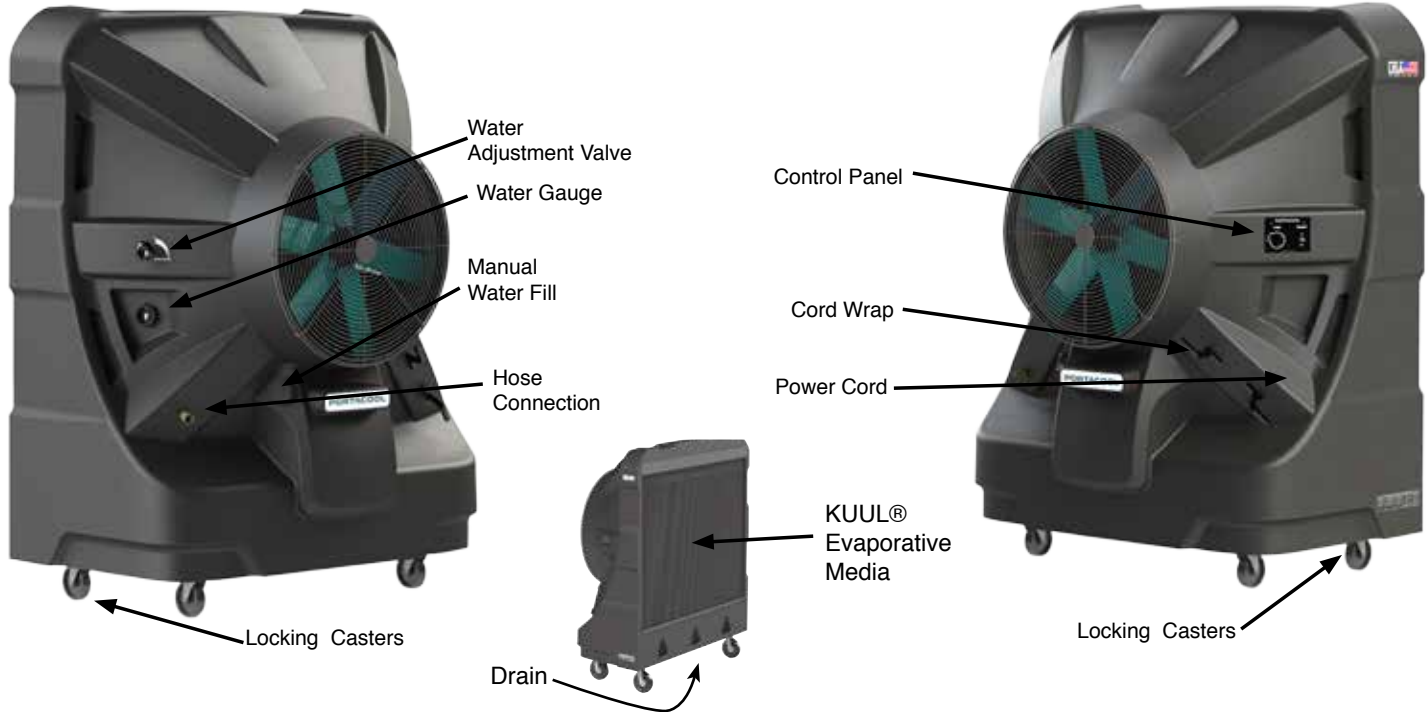
# OVERVIEW

PACJS240



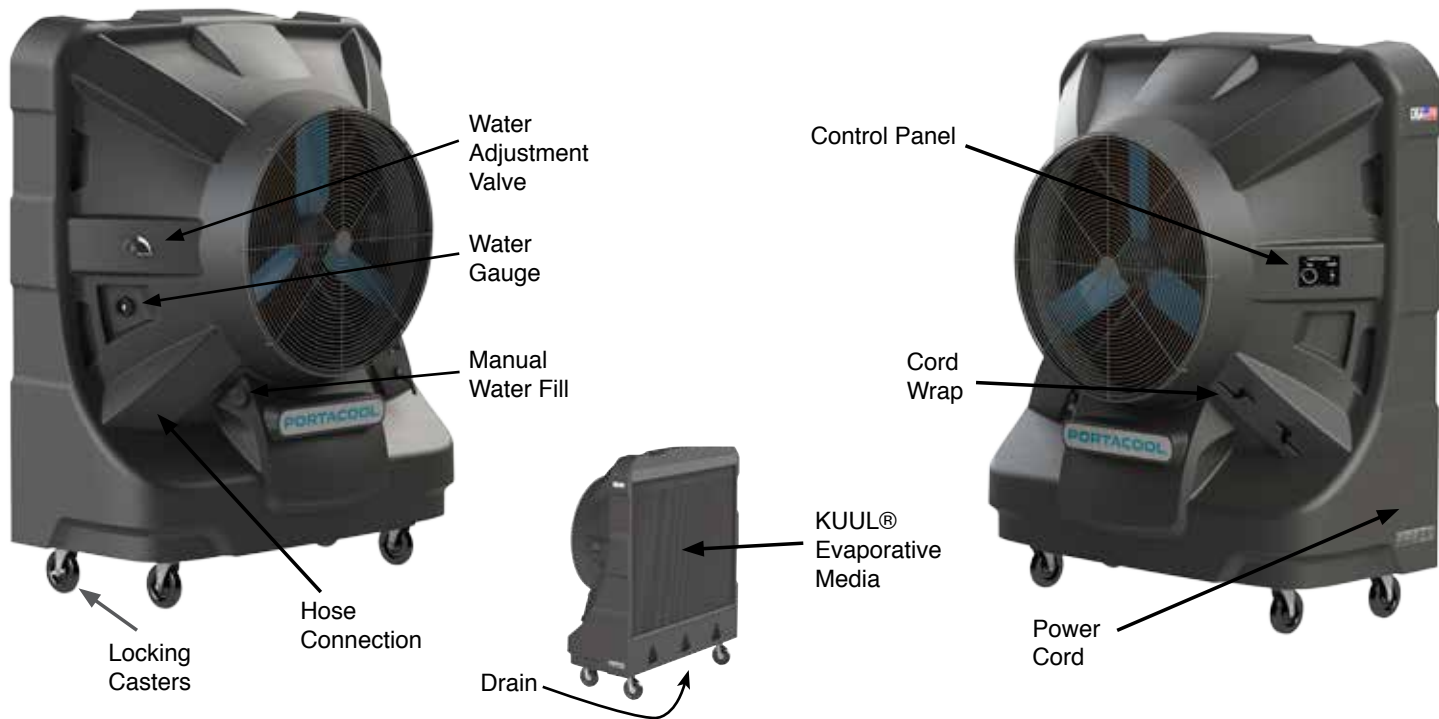
# OVERVIEW

PACJS250



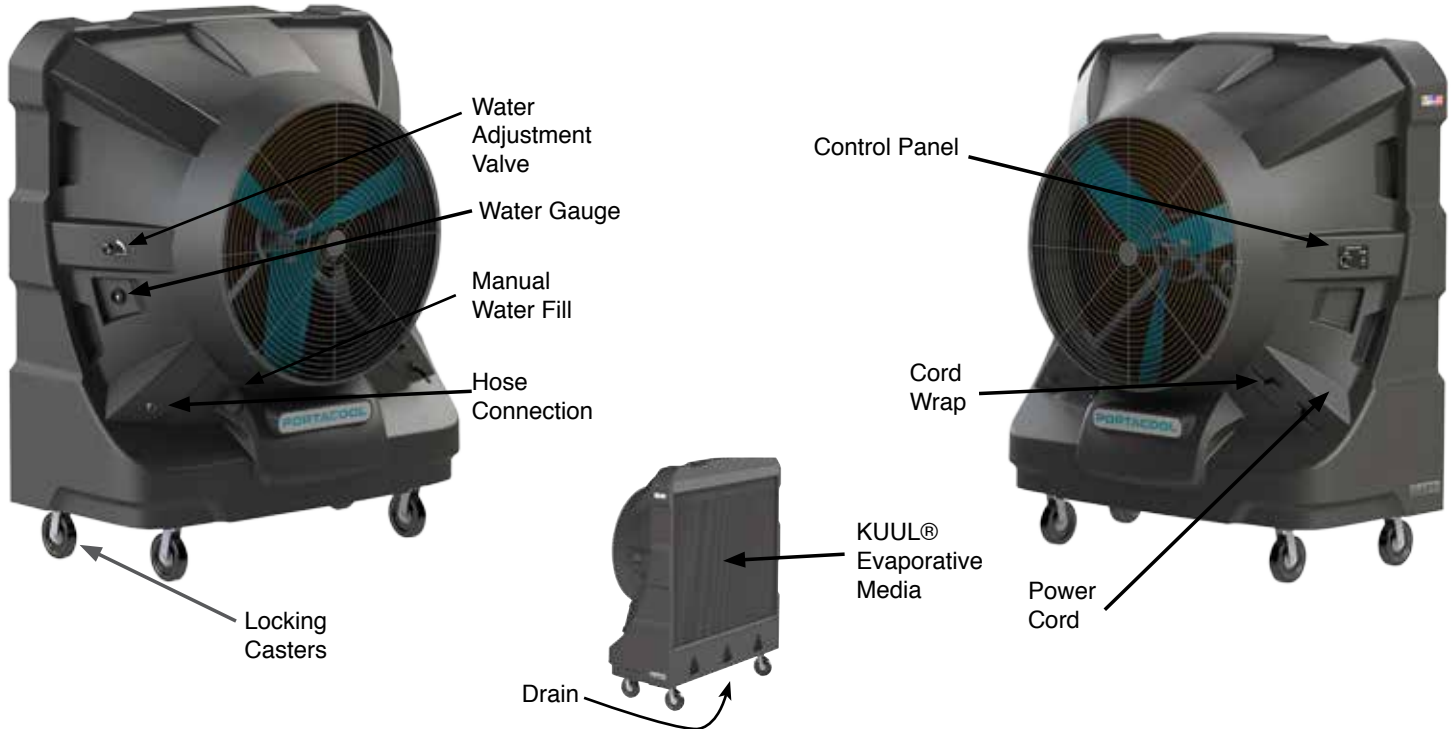
# OVERVIEW

PACJS260



# OVERVIEW

PACJS270



# START UP

## PLACEMENT

- 1) Make sure there is a clear, unobstructed path in front of the evaporative cooler to provide maximum airflow.
- 2) If the evaporative cooler is positioned on a raised platform, ensure the platform is stable, well constructed, and will not allow the cooler to tip over and that it allows for the full weight of the evaporative cooler including a tank full of water. The cooler must be level and in the upright position. The casters should also be locked to prevent the cooler from moving.
- 3) If placed near a wall or other obstruction, position the cooler a minimum of 3 feet (0.9 meters) from the wall or obstruction with media facing the wall. This allows the unrestricted flow of warm air to the KUUL® evaporative media side of the cooler. When using multiple coolers in close proximity, be sure to aim each evaporative cooler so the air flows complement each other to achieve maximum cooling capacity.

## STARTING THE PUMP AND ADJUSTING THE WATER FLOW

Once the tank is full of water, moving the pump switch to the "ON" position on the control panel will turn on the pump. When initially turning on the pump, the level in the water tank will drop suddenly and restart the flow of supply water. This is a normal condition, as the cooling media requires a large amount of water for proper wetting.

New KUUL® evaporative media will require an initial 'breaking-in' period. This period is required for the media to begin readily absorbing water. It may require up to a week to achieve maximum efficiency.

It is important to ensure that the water flow to the media is properly adjusted when first starting the water flow in the evaporative cooler. Increasing the flow using the water adjustment valve (see Quick Setup in this manual) makes this adjustment. Proper water adjustment should leave the media saturated with water, but not flooded. Media should appear wet. When properly adjusted, one or two dry streaks will appear across surface of the KUUL® evaporative media.

When turning the evaporative cooler off at the end of the day or week, the pump should be turned off about 15 minutes before the fan to allow the KUUL® evaporative media to dry.

## STARTING THE PORTACOOOL EVAPORATIVE COOLER

Start the fan by turning the fan switch to the desired speed on the control panel. Before starting, make sure casters are in locked position.





# MAINTENANCE

- 1) Keep the evaporative cooler clean to ensure peak operating performance.
- 2) The rugged, corrosion-resistant construction ensures low maintenance will be required.

## DAILY MAINTENANCE

The pump should be turned off approximately 15 minutes before the fan is turned off. This will allow the KUUL® evaporative media to dry out and extend the life of the media. This also helps control the growth of mildew, mold, bacteria, and other odor-causing elements.

## WEEKLY MAINTENANCE

The cooler should be shut down and the tank should be drained once a week. Closing the water adjustment valve and removing the drain plug will accomplish this. Once the tank is drained and the power disconnected, the KUUL® evaporative media may be removed to allow cleaning of the tank. Dust may collect in the tank over time. Replace media in correct airflow direction, referring to the label on the media.

## STORAGE

- 1) Drain all water from the tank and wipe clean, ensuring the KUUL® evaporative media and tank are completely dry.
- 2) Roll up the electrical power cord and secure it to ensure it will not be rolled over, tripped over, or caught in equipment.
- 3) Cover the evaporative cooler completely to prevent dust build-up and store in a dry area. This also helps to prevent damage to the KUUL® evaporative media. Optional dust covers are available from your distributor or at [www.portacoolparts.com](http://www.portacoolparts.com).



# TROUBLESHOOT

Turn off all power to the cooler before attempting to troubleshoot any of the following symptoms. For problems not listed, please contact customer support.

SYMPTOM	POSSIBLE CAUSES	REMEDY
Evaporative cooler fails to start or deliver air	<ol style="list-style-type: none"> <li>No electrical power to cooler               <ol style="list-style-type: none"> <li>Circuit breaker tripped</li> <li>GFCI tripped</li> <li>Cord(s) unplugged or damaged</li> </ol> </li> <li>Motor overheated and/or frozen</li> <li>Faulty relay (PACJS270 only)</li> </ol>	<ol style="list-style-type: none"> <li>Check power               <ol style="list-style-type: none"> <li>Reset breaker*</li> <li>Reset GFCI*</li> <li>Plug in cord(s) or replace if damaged</li> </ol>               * If condition persists, call electrician             </li> <li>Replace motor</li> <li>Replace relay</li> </ol>
Evaporative cooler starts but air delivery inadequate	<ol style="list-style-type: none"> <li>Insufficient air exhaust</li> <li>Insufficient water – KUUL evaporative media not wet               <ol style="list-style-type: none"> <li>KUUL evaporative media plugged</li> <li>Dry streaks on KUUL evaporative media</li> <li>Large dry spots on KUUL evaporative media</li> <li>Pump not working</li> <li>Loose water connections</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>Open windows or doors</li> <li>Check water distribution system               <ol style="list-style-type: none"> <li>Clean or replace media</li> <li>Check water level</li> <li>Make sure cooler is level, clean spray bar</li> <li>Clean or replace pump</li> <li>Check for leaks and correct</li> <li>Clean the spray tube</li> </ol> </li> </ol>
Water draining from evaporative cooler	<ol style="list-style-type: none"> <li>Drain bushing/cap not tight</li> </ol>	<ol style="list-style-type: none"> <li>Tighten fitting and/or cap</li> <li>Tighten drain assembly</li> </ol>
Musty or unpleasant odor	<ol style="list-style-type: none"> <li>Stale or stagnant water in tank</li> <li>Media mildewed or clogged</li> <li>Media not completely wet before cooler is turned on</li> </ol>	<ol style="list-style-type: none"> <li>Drain, flush and clean tank</li> <li>Replace media</li> <li>Turn on pump before starting fan</li> </ol>
Knocking, shaking, or rattling sounds	<ol style="list-style-type: none"> <li>Loose parts</li> <li>Fan blade rubbing shroud</li> </ol>	<ol style="list-style-type: none"> <li>Check and tighten where needed</li> <li>Inspect and adjust, or replace</li> </ol>
Water droplets in the discharge air stream	<ol style="list-style-type: none"> <li>Too much water delivered to the KUUL evaporative media</li> <li>Outdoor humidity level is too high or it is raining</li> <li>Leaking hose</li> </ol>	<ol style="list-style-type: none"> <li>Make sure media is properly positioned in the frames and cooler is level</li> <li>Use cooler as a fan only (turn pump off) or discontinue use until outdoor humidity level drops.</li> <li>Tighten connection or replace hose</li> </ol>



# NEW FEATURES

## **GFCI / ELCI**

The Portacool Jetstream™ series utilizes a GFCI or ELCI to protect the user from excessive leakage current. These devices are intended to trip at very low leakage currents. If a trip occurs, reset the device to see if there have been some voltage surge in the system.

- 1) PACJS240, PACJS250, PACJS260 use a GFCI integral to the power cord.
- 2) PACJS270 uses an ELCI integral to the power cord.

## **LOW WATER LEVEL INDICATOR / PUMP SHUTOFF**

A water level indicator with integral shutoff gives a visual indication of the water level in the evaporative cooler and will shut of the pump once the water reaches a certain threshold. When this occurs, a red neon light on the control panel will illuminate to draw attention to the low water level condition and alert the user that the pump has shut off. This light may cycle on and off for a few minutes to draw attention to the low water condition as it tries to exhaust the remaining water.

# WARRANTY

## **TECHNICAL SUPPORT**

Technical support and service is available directly from your distributor or call Portacool, LLC Technical Support Hot Line at 888-266-5243 for the distributor nearest you. You may also contact the Support Hot Line for consultation on troubleshooting and parts replacement.

Please have serial number and model number of cooler available.

## **WARRANTY AND REPLACEMENT PARTS**

### **PORTACOOOL™ EVAPORATIVE COOLER LIMITED WARRANTY**

For three (3) years from date of purchase, Portacool, LLC (hereafter "Portacool") warrants any original component part or parts of its Portacool™ portable evaporative coolers (the "Equipment") that are found, upon examination by factory-authorized personnel, to be defective in material or workmanship.

Notwithstanding anything herein to the contrary, Portacool warrants its Jetstream 240, 250, 260 and 270 housings for the full lifetime of the product to the extent they are found, upon examination by factory-authorized personnel, to be defective in material or workmanship. The Lifetime Warranty on product housings is void if the housing is found upon examination by Portacool to have been misused, abused or otherwise tampered with by unqualified personnel. The Lifetime Warranty on product housings does not cover ordinary wear and tear and is non-transferrable.

If the Equipment and/or its original component parts, including product housings, develop a defect covered by this limited warranty within the applicable time periods described above, the same may be repaired or replaced at the option of Portacool.

All transportation charges for shipment of the Equipment and/or its component parts that are submitted for replacement or repair under this warranty must be borne by the purchaser.

This warranty is void if: i) the Equipment and/or its component parts are found to have been misused, abused, repaired by or tampered with by unqualified personnel; ii) any of the product's component parts have been replaced with parts that were not authorized Portacool replacement parts; iii) the product has been modified in any way (other than repairs made by qualified individuals with Portacool replacement parts); iv) the product has not been appropriately registered by its original purchaser; or v) the customer cannot show proof of purchase as the product's original owner.

## **PORTACOOOL LIMITATION OF LIABILITY**

**IN THE CASE OF A BREACH OF ANY IMPLIED OR WRITTEN WARRANTY RELATING TO THE EQUIPMENT AND/OR ITS COMPONENT PARTS, PORTACOOOL SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, AND THE LIMITS OF LIABILITY AGAINST PORTACOOOL FOR ANY SUCH BREACH SHALL NOT EXCEED THE COST OF REPLACEMENT OR REPAIR OF THE EQUIPMENT.**

# PORTACOOOL PROTECT

Portacool, LLC is proud to provide world-class service and support. Portacool Protect™ brings together our commitment to service and support in the form of best-in-class warranties, service programs, technical support and live customer service to provide our customers with an ownership experience that is second to none.

Each of the following components are included with your Portacool Jetstream™ series product:



3  
Year warranty  
on Jetstream series  
motor and electrical  
components



∞  
Lifetime warranty  
on all molded  
 housings



Live, US-based  
Customer  
Service

For complete warranty information and limitations, please see [Warranty page](#). Beyond these aspects of Portacool Protect™, we ask that you not hesitate to contact us with any additional questions or comments you might have. For more than 25 years, we have built our business on service and support. We look forward to speaking with you.

# KEY PARTS

	240	250	260	270
<b>MOTOR</b>	PARMTRJ2400A	PARMTRJ2500A	PARMTRJ2600A	PARMTRJ2700A
<b>PUMP</b>	PARPMPJ2400A	PARPMPJ2500A	PARPMPJ2600A	PARPMPJ2700A
<b>MEDIA</b>	PARKULJ24000	PARKULJ25000	PARKULJ26000	PARKULJ27000
<b>CASTERS</b>	PARCSTJ240F0	PARCSTJ250F0	PARCSTJ260F0	PARCSTJ270F0
<b>CONTROLS</b>	PARCTLJ24000	PARCTLJ25000	PARCTLJ26000	PARCTLJ27000

Additional parts can be found at [www.portacoolparts.com](http://www.portacoolparts.com)

## HOW TO REPLACE KUUL® EVAPORATIVE MEDIA

### Step 1

Lock the casters to keep the evaporative cooler from moving while you are working. Remove the flap and KUUL® evaporative media from the cooler. The flap is attached at the top of the cooler with screws. Remove the screws and set the flap aside.

### Step 2

All KUUL® evaporative media must be removed before accessing the inside of the evaporative cooler housing. Remove the center piece of the media first by grasping at the top and tilting it out and away from the evaporative cooler. While tilting the KUUL® evaporative media out, lift the piece up and out.

### Step 3

Remove remaining media in the same manner. Set aside in a safe place to prevent damage while out of the cooler. Once all the media has been removed, you should have access to the inside of the evaporative cooler housing and internal components.



STEP 1



STEP 2



STEP 3

# FAQ

## **Q. WHAT ASSEMBLY IS REQUIRED?**

A. None. Portacool Jetstream coolers are ready to use right out of the box.

## **Q. HOW DO I PREPARE MY EVAPORATIVE COOLER FOR STORAGE?**

A. Drain the cooler, dry out the media, cover the cooler, and store in a dry place.

## **Q. I JUST RAN THE COOLER FOR THE FIRST TIME AND THERE'S AN UNPLEASANT ODOR!**

A. The KUUL® evaporative media, located in the back of your evaporative cooler, has never been wet before. The first time it is wet, the evaporative media will emit an odor that lasts approximately one to three weeks. Keep the cooler in an open area until the odor goes away or put a capful of laundry softener directly in the tank. After approximately two weeks of operation, the odor should disappear.

## **Q. MY EVAPORATIVE COOLER ISN'T PUTTING OUT ANY COOL AIR.**

A. First, make sure the water source and electricity source are connected and working. Second, check to see if the KUUL® evaporative media is damp. If not, adjust the water flow with the water adjustment valve. Third, make sure there is water in the tank. It should be allowed to fill before you turn the pump on.

## **Q. WHAT IS THE BEST ENVIRONMENT TO PRODUCE THE MOST COOL AIR?**

A. For optimum performance, the temperature should be 85° F or higher and the relative humidity should be below 75%. However, Portacool evaporative coolers will reduce the temperature in almost any environment, making it more pleasant.

## **Q. HOW OFTEN DOES THE KUUL® EVAPORATIVE MEDIA HAVE TO BE REPLACED?**

A. Depending on the quality of maintenance, water quality, and frequency of use, KUUL® evaporative media typically lasts up to five years.

## **Q. WHAT IS THE DIFFERENCE BETWEEN EVAPORATIVE COOLING AND MISTING SYSTEMS?**

A. Misting systems spray a shower of water into the air that will collect on people, objects, equipment, floors, etc. Portacool coolers use the process of evaporation to produce cooler air, but do not discharge a mist.

## **Q. WHERE CAN I BUY REPLACEMENT PARTS?**

A. Replacement parts may be purchased online at [www.portacoolparts.com](http://www.portacoolparts.com) or from any Portacool distributor. You may also contact Portacool Parts/Technical Support department for additional assistance.

## **Q. WHAT IS THE AMOUNT OF MOISTURE PRODUCED?**

A. An increase in humidity of approximately two to five percent is produced, depending on the temperature and humidity of the environment. This increase is not noticeable in a ventilated area where the air produced by the cooler is exhausted.

## **Q. HOW LONG WILL THE WATER SUPPLY LAST IN THE TANK?**

A. With no direct water source available, the water will evaporate in a filled tank within two to 10 hours of operation, depending on the water capacity of the evaporative cooler, ambient conditions, temperature, and humidity. A water source for refilling the tank is recommended by the manufacturer.

## **Q. WHERE ARE THE MODEL AND SERIAL NUMBERS FOUND?**

A. The model number can be found on a metal plate on the outside of the cooler. Model numbers begin with the letters "PAC." Serial numbers are all-digits.

## **Q. WHAT IF MY QUESTIONS AREN'T ANSWERED HERE?**

A. Our Tech Support staff is available 8 a.m. to 5 p.m. Central Time, Monday through Friday at 1-888-COOL-AID or you can e-mail them at [support@portacool.com](mailto:support@portacool.com).

# PORTACOOOL™

WHEN COMFORT COUNTS™

## CUSTOMER SERVICE CONTACT

**1-936-598-5651 ★ 1-800-695-2942**

**ORDERS@PORTACOOOL.COM**

## TECHNICAL/PARTS CONTACT

**1-936-598-5651 ★ 1-888-COOLAID**

**SUPPORT@PORTACOOOL.COM**

**VISIT PORTACOOOL.COM**

**OR CALL 1-936-598-5651**

**FOR MORE INFORMATION**

Portacool, LLC • Manufacturer of Portacool™  
portable evaporative coolers and  
KUUL® evaporative cooling media  
711 FM 2468 • Center, Texas 75935 • 936-598-5651  
www.portacool.com • www.kuulpads.com

The manual is available in other languages.

To download a digital copy, please visit  
[www.portacool.com](http://www.portacool.com).

El manual está disponible en otros idiomas.

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