



**PORTACOOL PORTABLE
EVAPORATIVE COOLERS**



PORTACOOL®

WHEN COMFORT COUNTS®



AWARENESS

Safety is more than a state of mind or philosophical approach – safety is a responsibility that businesses have to each of their employees. The goal is for each worker to return home safely at the end of the workday.

According to the National Weather Service, heat is the weather event that produces the greatest number of fatalities (ahead of flooding and tornado) each year.

1. Be aware of temperatures >90°F
2. Acclimatization is key
3. Choose weather-smart attire
4. Stay hydrated
5. Schedule rest breaks
6. Implement a buddy system



PERFORMANCE

Productivity is a crucial word in today's business climate. It can be a contributing factor to a company's success or failure. A cool working environment isn't an extravagance. It is a key component to combating the toll heat takes on worker productivity.

WORKER ERRORS CAN INCREASE 92% WITH AS LITTLE AS A 15°F INCREASE IN WORKPLACE TEMPERATURE.

Effective Temp	Loss in Output	Loss in Accuracy
75°	3%	Negligible
80°	8%	5%
85°	18%	40%
90°	29%	300%
95°	45%	700%
100°	62%	>>
105°	79%	->>

Study for NASA. *Comfort Conditioning the Plant with Evaporative Cooling.* Plant Engineering pg.76 Joseph Marg and "Evaporative Air Conditioning Handbook." John Walt, PE and Will Brown PE 3rd edition pg 201.

HEAT INDEX CHART

Air Temp	70°	75°	80°	85°	90°	95°	100°	105°	110°
Relative Humidity ↓	Apparent Temperature (F°) →								
0%	67°	72°	78°	80°	84°	87°	91°	95°	99°
10%	67°	73°	78°	81°	85°	89°	94°	99°	104°
20%	68°	73°	79°	82°	86°	91°	97°	104°	112°
30%	68°	74°	79°	83°	88°	94°	102°	112°	122°
40%	69°	74°	80°	84°	91°	99°	109°	121°	136°
50%	69°	75°	81°	86°	95°	105°	118°	134°	152°
60%	70°	75°	82°	89°	100°	113°	129°	149°	-
70%	70°	75°	83°	93°	106°	123°	143°	-	-
80%	70°	76°	84°	97°	113°	134°	-	-	-
90%	71°	76°	86°	102°	122°	147°	-	-	-
100%	71°	77°	89°	108°	132°	-	-	-	-

- CAUTION
- EXTREME CAUTION
- DANGER
- EXTREME DANGER

Heat Index information. U.S. NOAA/National Weather Service. www.noaa.gov

OSHA HEAT STRESS COMPLIANCE

WHY SHOULD COOLING MATTER TO YOU?

Recently OSHA has enacted HIPP (Heat Illness Prevention Program) – a safety and health program consisting of seven core elements

- 1. Management Leadership**
- 2. Worker Participation**
- 3. Hazard Identification**
- 4. Assessment**
- 5. Education and Training**
- 6. Program Evaluation**
- 7. Improvement**

Under HIPP, employers MUST

- Provide “Fresh, Pure, and Suitably Cool” water free of charge
- Allow employees to take a 10 minute cool down rest period **WHENEVER** they feel heat stress
- Have Emergency Response Procedures

If you live in a state that does not have HIPP you cannot simply ignore heat safety. Businesses in all states can be fined for heat stress non-compliance through I2P2 or IIPP (Injury Illness and Prevention Program).

Many states have both IIPP and HIPP. Are you compliant???

IN CALIFORNIA, THE INITIAL PENALTY FOR BUSINESSES FOUND TO BE OUT OF COMPLIANCE WAS BETWEEN \$7,000 AND \$12,000. FAILURE TO ABATE OR FIX THE ISSUE RESULTS IN A \$15,000 PER DAY FINE.

PORTACOOOL CAN HELP!

Portacool portable evaporative coolers are designed to provide comfort to any hot area. Our products are designed with safety, productivity, sustainability and total cost of ownership in mind. Portacool portable evaporative coolers are a smart investment that deliver monetary benefits that can go a long way towards paying for themselves.

SAFETY

According to OSHA, one employee heat-related injury can have an indirect cost of more than \$25,000 to a company.

TOTAL COST OF OWNERSHIP

It is estimated you will spend only \$31 per month powering a Portacool evaporative cooler. There are no installation costs - the product is ready to use right out of the box.

PRODUCTIVITY

A NASA study found when temperatures are higher than 85°F, employee output drops by 18% and errors increase by 40%.

SUSTAINABILITY

Cool more than 3,000 sq ft for less than \$1 a workday depending on regional electrical prices.

PORTACOOOL HURRICANE™

The most powerful evaporative cooler on the market



FEATURES

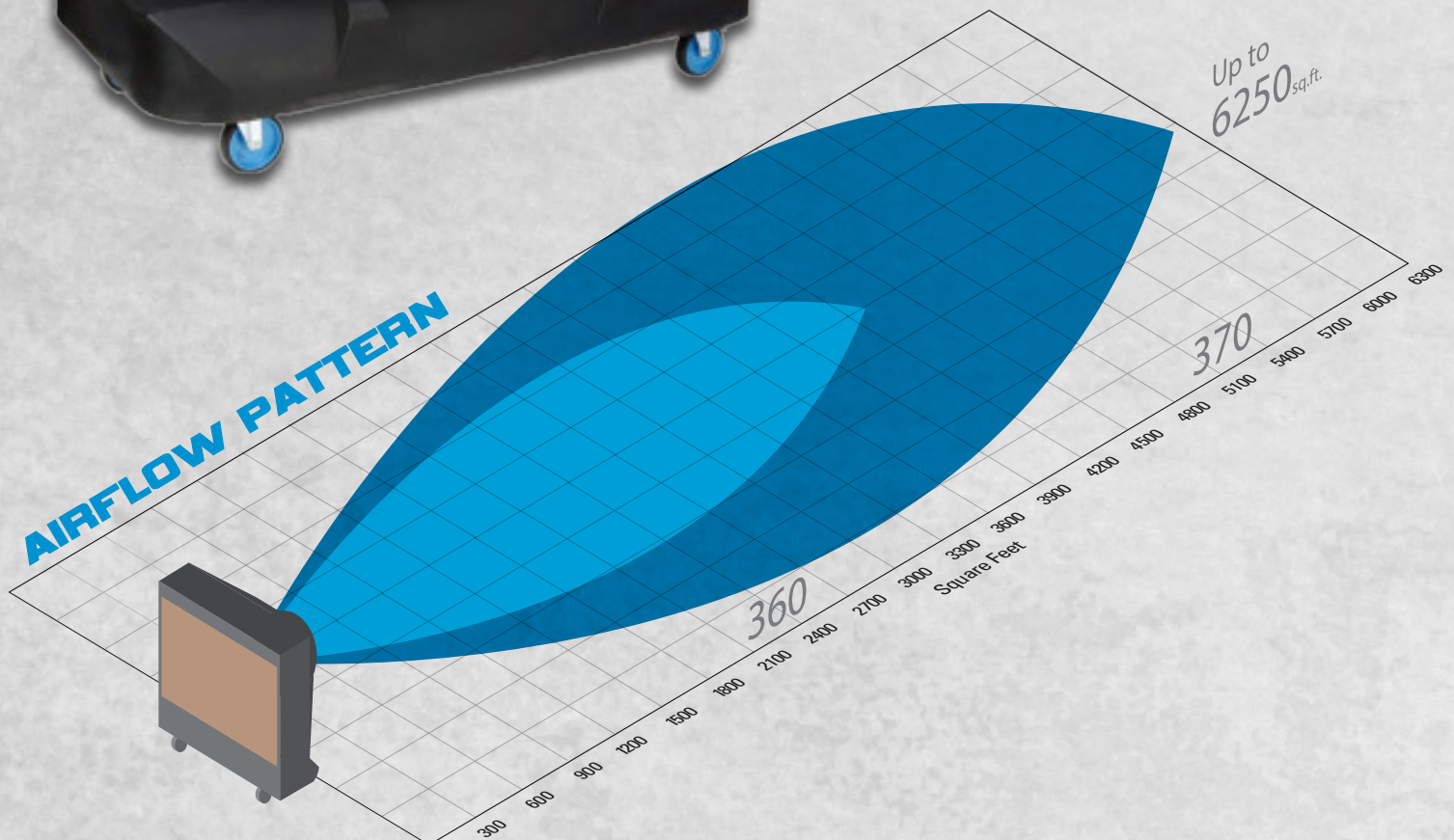
- Digital control panel
- Patent pending Cat5 Air Boosters™
- Low water shut off
- Dual water fill
- One piece housing
- Super heavy duty casters
- Extra large drain
- Highest airflow on the market

5

Year warranty on motor and electrical components

∞

Lifetime warranty on all molded housings



HURRICANE SERIES



***Only available in 240v**

HURRICANE 370

Air delivery	28,500 CFM / 48,421 m ³ /hr
Velocity	35 mph / 56 kph
Amps	15.2
Speeds	Variable
Cooling capacity	6,250 s.f. / 581 m ²
Water reservoir	75 G / 284 L
Dimensions (inches)	92 H x 86 W x 41 D
Dimensions (cm)	234 H x 218 W x 105 D
Weight	406 lb / 184 kg
Decibel level	High - 83 / Low - 52
Stock number	PACHR370
Kuul Effect	46

HURRICANE 360

Air delivery	18,500 CFM / 31,432 m ³ /hr
Velocity	26 mph / 42 kph
Amps	14.2
Speeds	Variable
Cooling capacity	4,250 s.f. / 395 m ²
Water reservoir	70 G / 265 L
Dimensions (inches)	85 H x 75 W x 35 D
Dimensions (cm)	216 H x 191 W x 89 D
Weight	337 lb / 153 kg
Decibel level	High - 79 / Low - 59
Stock number	PACHR360
Kuul Effect	35



***Standard 115v**



PORTACOOOL JETSTREAM™

Engineered to up the cooling ante



FEATURES

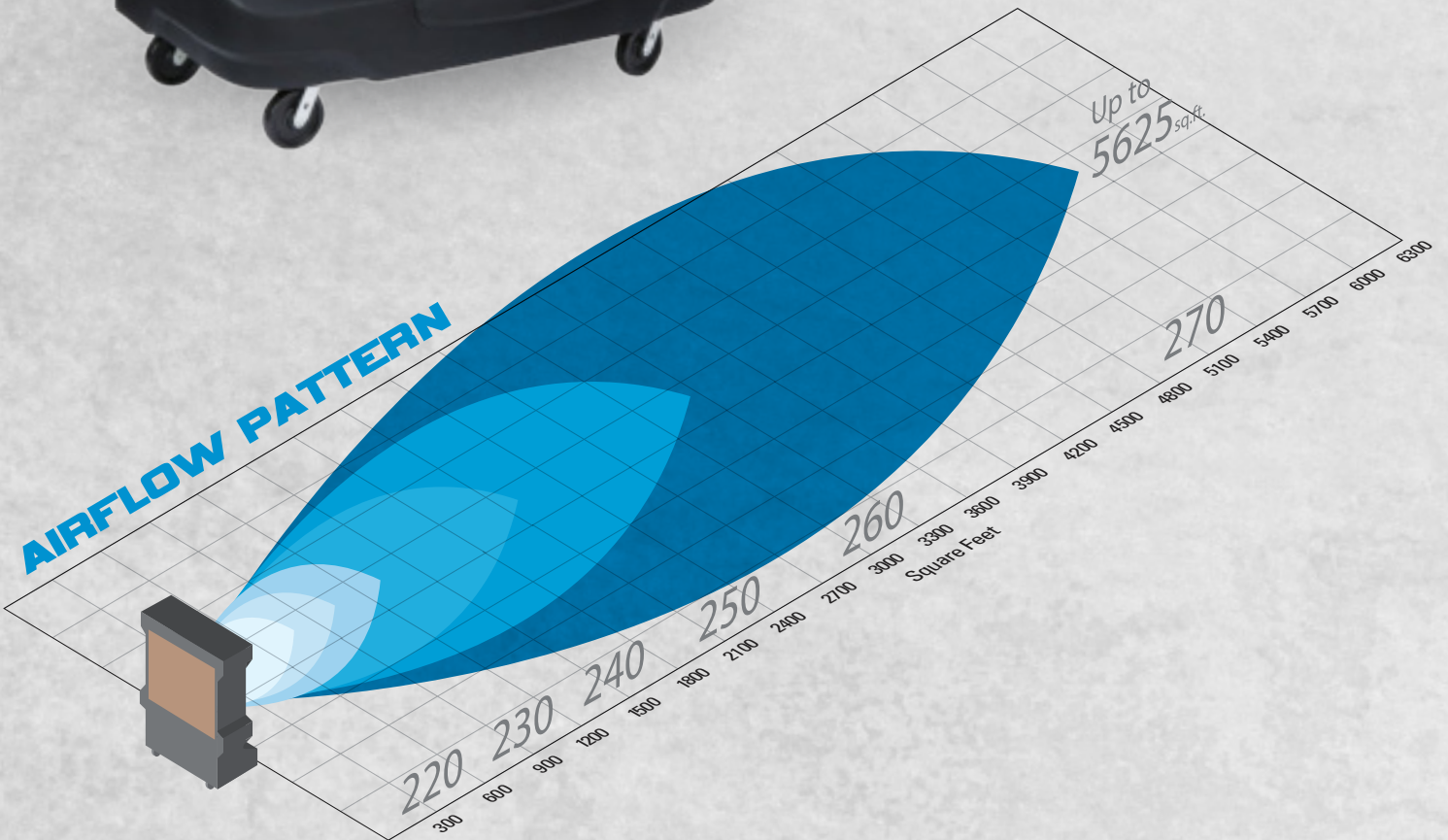
- Molded in handles
- Liquid Level Indicator
- Low water shut off
- ELCI/GFCI plug
- One piece housing
- Dual water fill
- Extra large drain

3

Year warranty on motor and electrical components

∞

Lifetime warranty on all molded housings



JETSTREAM SERIES

JETSTREAM 270

Air delivery	22,500 CFM / 38,228 m ³ /hr
Velocity	26 mph / 42 kph
Amps	15.2
Speeds	Variable
Cooling capacity	5,625 s.f. / 523 m ²
Water reservoir	65 G / 246 L
Dimensions (inches)	90 H x 78 W x 36 D
Dimensions (cm)	229 H x 198 W x 91 D
Weight	278 lb / 126 kg
Decibel level	High - 80 / Low - 58
Stock number	PACJS270
Kuul Effect	39



*Standard 115v
with 20 amp plug



COMFORTABLE EMPLOYEES ARE PRODUCTIVE EMPLOYEES

"We couldn't make it in the shop without Portacool.
They are an important piece of machinery in my shop."

Steve Darnell

Owner

WelderUp, Nevada





COOLING IS MORE THAN A LUXURY, IT CAN BE A LIFE AND DEATH MATTER

“Warfighter Made relies on Portacool evaporative coolers to ensure our veterans can work in the shop in a safe temperature range. The evaporative coolers make a huge difference in the comfort of our veterans.”

Robert Blanton
USMC Combat Veteran/CEO
Warfighter Made, California



*Standard 115v

JETSTREAM 260

Air delivery	12,500 CFM / 21,238 m ³ /hr
Velocity	25 mph / 40 kph
Amps	9.3
Speeds	Variable
Cooling capacity	3,125 s.f. / 290 m ²
Water reservoir	60 G / 227 L
Dimensions (inches)	77 H x 63 W x 30 D
Dimensions (cm)	196 H x 160 W x 76 D
Weight	212 lb / 96 kg
Decibel level	High - 78 / Low - 65
Stock number	PACJS260
Kuul Effect	26

JETSTREAM SERIES

JETSTREAM 250

Air delivery	8,500 CFM / 14,441 m ³ /hr
Velocity	24 mph / 39 kph
Amps	6.6
Speeds	Variable
Cooling capacity	2,125 s.f. / 197 m ²
Water reservoir	55 G / 208 L
Dimensions (inches)	70 H x 52 W x 30 D
Dimensions (cm)	178 H x 132 W x 76 D
Weight	191 lb / 87 kg
Decibel level	High - 78 / Low - 56
Stock number	PACJS250
Kuul Effect	21



*Standard 115v



PROACTIVE MEASURES AGAINST EXCESSIVE HEAT AIDS SAFETY AND PRODUCTIVITY

"Our Portacool has made a drastic difference in the temperature of our shop this summer. It's an angel on wheels!"

Katie Cleveland
Owner/Writer
Addicted2DIY, Arizona



*Standard 115v

JETSTREAM 240

Air delivery	4,500 CFM / 7,646 m ³ /hr
Velocity	29 mph / 47 kph
Amps	8.3
Speeds	Variable
Cooling capacity	1,125 s.f. / 105 m ²
Water reservoir	50 G / 189 L
Dimensions (inches)	59 H x 40 W x 24 D
Dimensions (cm)	150 H x 102 W x 61 D
Weight	134 lb / 69 kg
Decibel level	High - 76 / Low - 65
Stock number	PACJS240
Kuul Effect	17

TAKE COOLING MATTERS INTO YOUR OWN HANDS

"We're happy and our machinery is intact and rust free. We're sold on the cooling power. It's made a huge difference in keeping a comfortable work environment."

Greg Olson

Heavy Machine Shop Supervisor

Washington Iron Works, Texas



JETSTREAM SERIES



*Standard 115v

JETSTREAM 220

Air delivery	2,400 CFM / 4,078 m ³ /hr
Velocity	30 mph / 48 kph
Amps	3.4
Speeds	Variable
Cooling capacity	700 s.f. / 65 m ²
Water reservoir	20 G / 76 L
Dimensions (inches)	42 H x 29 W x 27 D
Dimensions (cm)	107 H x 74 W x 69 D
Weight	87 lb / 39 kg
Decibel level	High - 68 / Low - 62
Stock number	PACJS220

Kuul Effect **14**

JETSTREAM 230

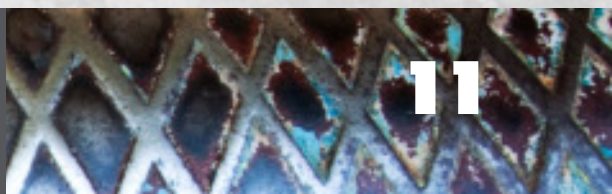
Air delivery	3,600 CFM / 6,116 m ³ /hr
Velocity	27 mph / 43 kph
Amps	8.3
Speeds	Variable
Cooling capacity	900 s.f. / 84 m ²
Water reservoir	30 G / 114 L
Dimensions (inches)	50 H x 29 W x 27 D
Dimensions (cm)	127 H x 74 W x 69 D
Weight	108 lb / 50 kg
Decibel level	High - 68 / Low - 62
Stock number	PACJS230

Kuul Effect **15**

JETSTREAM 230 & 220 FEATURE NEW OSCILLATING LOUVERS!



*Standard 115v



PORTACOOOL HAZARDOUS LOCATION™

EXTRAORDINARY COOLING FOR CHALLENGING ENVIRONMENTS

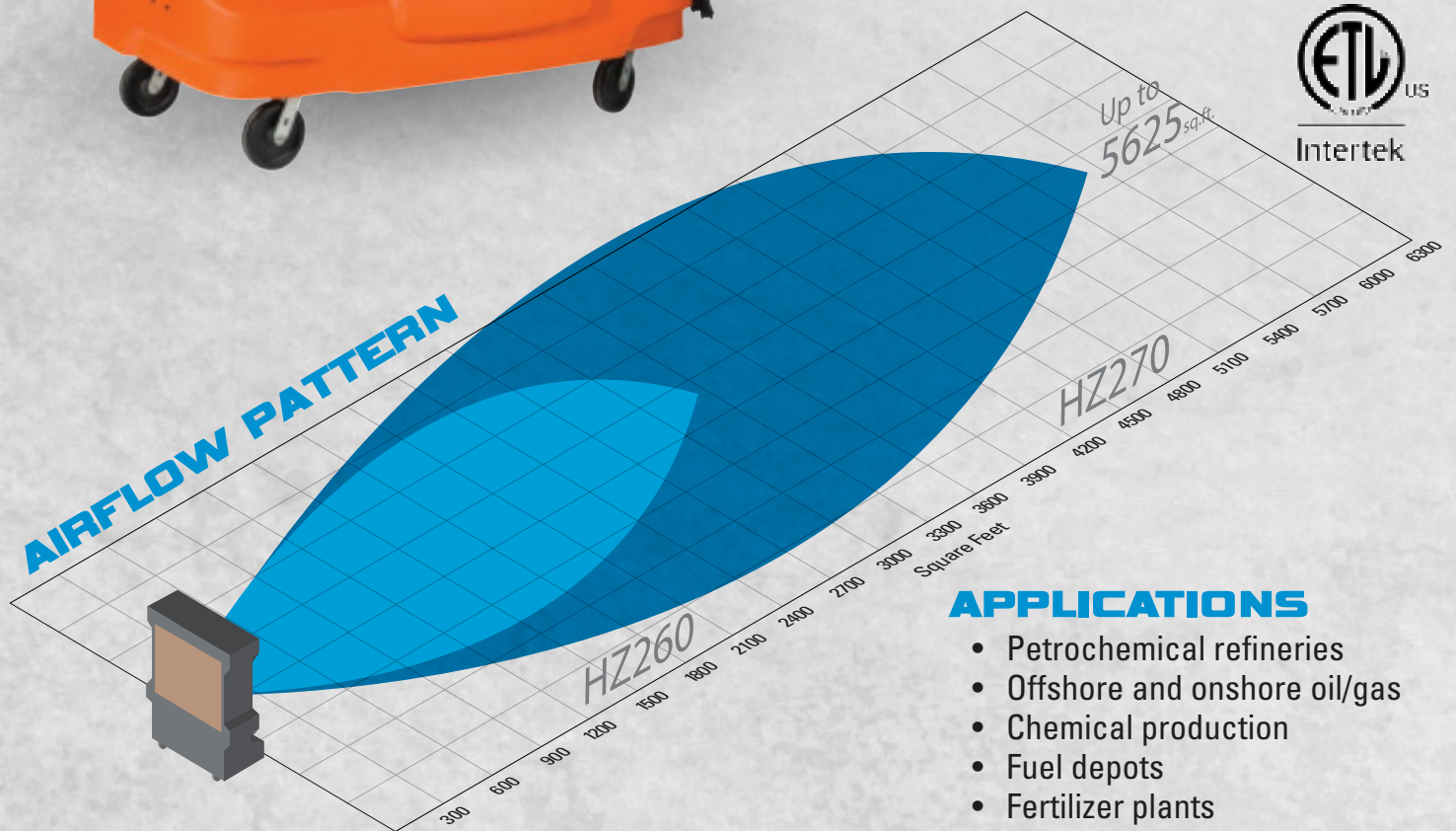


FEATURES

- Spark resistant
- Molded in handles
- Liquid Level Indicator
- One piece housing
- Dual water fill
- Extra large drain
- All electrical components are sealed making them intrinsically safe

3 Year warranty on motor and electrical components	∞ Lifetime warranty on all molded housings
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**ETL HAZARDOUS LOCATION,
CLASS 1, DIVISION 2,
GROUP C & D CERTIFIED**



APPLICATIONS

- Petrochemical refineries
- Offshore and onshore oil/gas
- Chemical production
- Fuel depots
- Fertilizer plants

HAZARDOUS SERIES



HAZARDOUS 270

Air delivery	22,500 CFM / 38,228 m ³ /hr
Velocity	20 mph / 32 kph
Amps	19.8
Speeds	One
Cooling capacity	5,625 s.f. / 523 m ²
Water reservoir	65 G / 246 L
Dimensions (inches)	90 H x 77 W x 35 D
Dimensions (cm)	229 H x 196 W x 89 D
Weight	357 lb / 162 kg
Decibel level	High - 80 / Low - 58
Stock number	PACHZ270*
Kuul Effect	38

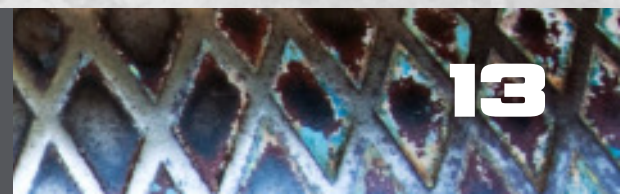
*Standard 115v; Available in 220v

HAZARDOUS 260

Air delivery	12,500 CFM / 21,238 m ³ /hr
Velocity	18 mph / 29 kph
Amps	14.8
Speeds	One
Cooling capacity	3,125 s.f. / 290 m ²
Water reservoir	45 G / 170 L
Dimensions (inches)	78 H x 63 W x 29 D
Dimensions (cm)	198 H x 160 W x 74 D
Weight	302 lb / 137 kg
Decibel level	High - 78 / Low - 65
Stock number	PACHZ260*
Kuul Effect	25



*Standard 115v; Available in 220v



REPLACEMENT PARTS

Product	Motor	Pump	Media	Casters	Controls
PACHR3701F1	PARMTRH3700A	PARPMP01620B	PARKULH37000	PARCSTH370F0	PARCTLH00000
PACHR3601A1	PARMTRH3600A	PARPMP01640A	PARKULH36000	PARCSTH360F0	PARCTLH00000
PACJS2701A1	PARMTRJ2700A	PARPMP01710A	PARKULJ27000	PARPACCST800	PARCTLJ27000
PACJS2601A1	PARMTRJ2600A	PARPMP01710A	PARKULJ26000	PARPACCST600	PARCTLJ26000
PACJS2501A1	PARMTRJ2500A	PARPMP01710A	PARKULJ25000	PARPACCST600	PARCTLJ25000
PACJS2401A1	PARMTRJ2400A	PARPMP01410A	PARKULJ24000	PARPACCST400	PARCTLJ24000
PACJS2301A1	PARMTRJ2300A	PARPMP00020A	PARKULJ23000	PARPACCST400	PARCTLJ23000
PACJS2201A1	PARMTRJ2200A	PARPMP00020A	PARKULJ22000	PARPACCST400	PARCTLJ22000
PAC2K482S	MOTOR-010-01	PARPMP01640A	PARKULJ27000	PARPACCST800	CTRL-2SPD-01
PAC2K36HPVS	MOTOR-012-05	PARPMP01640A	PARKULJ26000	PARPACCST400	CTRL-VS-01
PAC2K363S	MOTOR-012-02STA	PARPMP01640A	PARKULJ26000	PARPACCST400	CTRL-3SPD-02
PAC2K361S	MOTOR-012-01STA	PARPMP01640A	PARKULJ26000	PARPACCST400	CTRL-1SPD-01
PAC163SVT	MOTOR-012-04E	PARPMP01410A	PARKULJ24000	PARPACCST400	CTRL-3SPD-02
PAC2KCYC01	PARMTRCY130A	PARPMPCYC00A	PARKULCYC300	PARPACCST300	CTRL-2SPD-01
PACCYC02	PARMTRCY120A	PARPMPCYC00A	PARKULCYC200	PARPACCST300	CTRL-2SPD-01

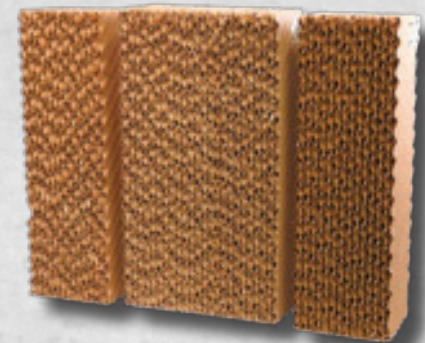
**DON'T SEE WHAT YOU ARE LOOKING FOR?
 MORE PORTACOOOL PARTS AND ACCESSORIES ARE AVAILABLE ONLINE
 AT WWW.PORTACOOOLPARTS.COM
 OR THROUGH YOUR LOCAL DISTRIBUTOR OR RETAIL LOCATION**

REPLACEMENT KUUL COMFORT™ EVAPORATIVE MEDIA

Kuul Comfort™ evaporative media is designed and made exclusively to meet the exact performance requirements of Portacool portable evaporative coolers. Our media features an exclusive mix of superior raw materials and a proprietary application of geometrical, intelligent design to create the optimal cooling experience. Kuul Comfort evaporative media is the driving force behind our superior cooling performance.

For best results:

- Follow instructions for Kuul Comfort evaporative media as specified in the Owner's Manual of your Portacool® evaporative cooler.
- In areas where hard water is present, Portacool recommends using Portacool Hard Water Treatment™ to help reduce calcium-scale deposit buildup to extend the life of your evaporative media.
- For cleaning and maintenance purposes, remove the Kuul® evaporative media periodically and spray with a garden hose or wipe down with a soft bristled brush thoroughly to maintain performance and longevity.



TheKuulEffect.com



FREQUENTLY ASKED QUESTIONS

How do I clean my Portacool evaporative cooler?

Start by draining the evaporative cooler. All Portacool evaporative coolers come with a large 2" drain on the bottom. Locate the drain, unscrew the cap and allow water to drain. Ensure the Kuul evaporative media is completely dry, then remove and wipe down the inside of the evaporative cooler - use a shop vac to remove any remaining water. Replace the evaporative media and fill reservoir before use.

Can the fan and pump operate separately?

Yes, the fan and pump motors are separate systems. You can run one without the other with no damage to the product.

What happens if my evaporative cooler runs out of water?

All Portacool Hurricane and Portacool Jetstream evaporative coolers come with an automatic low water shut off. When the evaporative cooler is out of water, a red light will illuminate on the control panel and the pump will shut off.

Will I need a special plug for my Portacool evaporative cooler?

All Portacool evaporative coolers require a standard three-prong 115v electrical outlet EXCEPT the Portacool Jetstream 270 (115v, 20 amp plug required) and the Portacool Hurricane 370 (220v). Portacool Hazardous Location 270 & 260 must be hard wired by a certified electrician.

What is the Kuul Effect™?

The Kuul Effect is a proprietary unit of measure that takes into account volume, velocity and efficiency to illustrate just how much comfort your evaporative cooler will deliver.

What is the warranty on my Portacool evaporative cooler?

All Portacool evaporative coolers come with Portacool Protect™. It brings together our commitment to service and support in the form of best-in-class warranties, technical support and live customer service to provide our customers with an ownership experience that is second to none. See your products' Owner's Manual for exact warranty information.



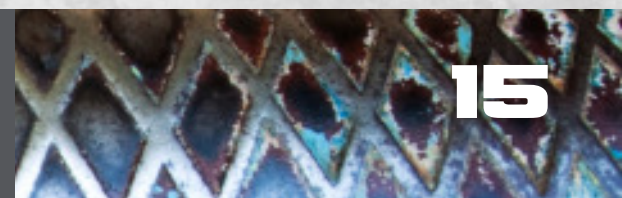
How much humidity will be added to my environment?

Factors ranging from relative humidity and temperature to dry bulb and wet bulb conditions can effect exactly how much humidity evaporative cooling contributes to an environment. When used properly with adequate ventilation to fresh air, Portacool portable evaporative coolers typically do not add enough humidity to be felt or seen. The humidity increase is negligible. For ideal operation, your Portacool evaporative cooler should be used in an open (large warehouse/shop, patio) or mostly open (garage with doors open) location. The Kuul evaporative media used in all Portacool evaporative coolers is designed to Portacool's exact performance specifications to provide the most effective evaporation efficiency possible.

NEED MORE INFORMATION?

Find more information about Portacool online at www.portacool.com or www.portacoolparts.com

- Keep up-to-date on new product releases
- See enhanced product content
- Find distributors and rental locations
- Download literature
- Order replacement parts and accessories
- Read customer testimonials
- Watch Portacool-related videos



PORTACOOL®

WHEN COMFORT COUNTS®



**VISIT PORTACOOL.COM
OR CALL 936-598-5651
FOR MORE INFORMATION**

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PARMKTLT023

**COOLING
GENERATED BY**

