

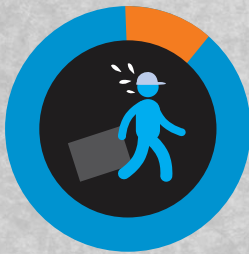


**PORTACOOL PORTABLE
EVAPORATIVE COOLERS**



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

- a. Provide “Fresh, Pure, and Suitably Cool” water free of charge
- b. Allow employees to take a 10 minute cool down rest period WHENEVER they feel heat stress
- c. 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 JETSTREAM™

Engineered to up the cooling ante



FEATURES

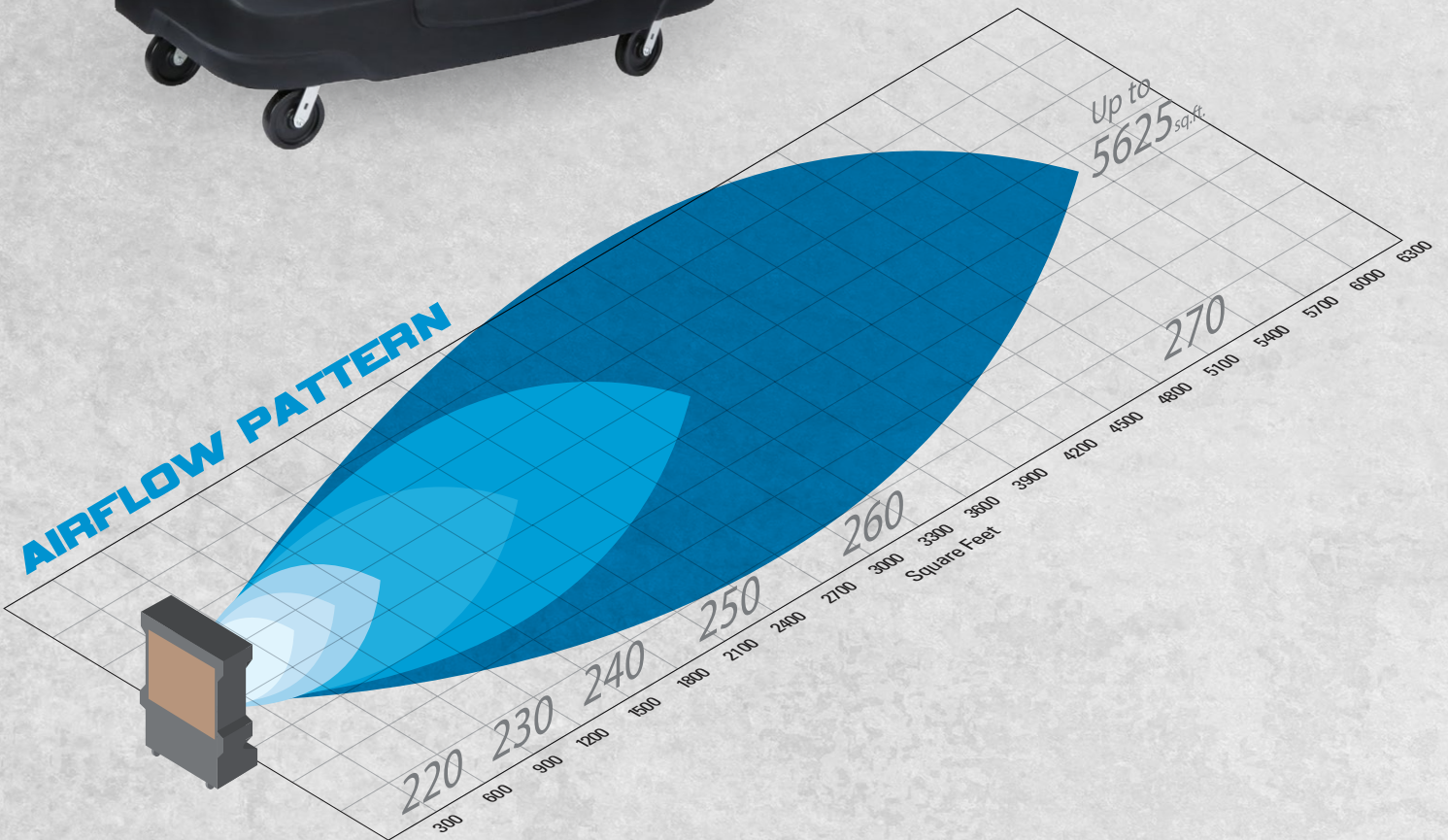
- Molded in handles
- Liquid Level Indicator
- Low water shut off
- ELCI/GFCI plug
- One piece housing
- Dual water fill
- Extra large drain

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



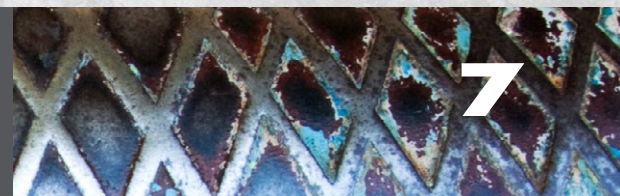
*Standard 115v
with 20 amp plug



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

