



# PRODUCT CATALOG

**PORTACOOOL™**

WHEN COMFORT COUNTS™



Portacool® portable evaporative coolers entered the marketplace in 1990 offering the first version of an evaporative cooler designed to provide economical, effective cooling where ever it was needed. Twenty-five years later, the company's consistent growth rate and continued expansion in product lines has positioned it as a global leader in the portable evaporative cooling business with distributors in 50 U.S. states and 56 countries. Portacool selected Center, Texas, for its location in the beginning and has never considered moving. Nestled in the beautiful piney woods of East Texas — 150 miles southeast of Dallas, 120 miles northeast of Houston and 17 miles west of the Louisiana border — this small town still maintains the look, feel and hospitality of the original community. However, the town has enjoyed modernization due in large part to the manufacturing and technological advances of companies like Portacool choosing Center as their location. These portable evaporative coolers have proven highly effective in unlimited uses ranging from agricultural and horticultural applications, manufacturing, industrial, business, entertainment, sports, home, and hobby — anywhere cooling is needed and traditional air conditioning is impractical or cost prohibitive. With a strong network of distributors, Portacool continues to expand its worldwide market horizons and produce outstanding sales revenues, all from the beautiful setting of Center, Texas.





**GREAT PRODUCTS  
START WITH A  
STRONG COMPANY**





# HURRICANE® 3600



## DESCRIPTION

Keep your workers cool and productivity high with this heavy-duty evaporative cooler. The unique 'tunnel' pattern airflow reaches farther for maximum coverage. Comfortable workers are productive workers.

## FEATURES

- Low-water shutoff
- Timer
- Temp sensor
- Digital control operation

## SPECIFICATIONS

Air delivery	14,500 CFM / 24,635 m <sup>3</sup> /hr
Speeds	Variable
Cooling capacity	3,500 s.f. / 325 m <sup>2</sup>
Water reservoir	67 G / 253 L
Unit dimensions (inches)	76.5 H x 74 W x 35 D
Unit dimensions (cm)	194 H x 188 W x 89 D
Unit weight	270 lb / 122 kg
Stock number	PACHR3600

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## JETSTREAM 2400 SPECIFICATIONS

Air delivery	7,500 CFM / 12,700 m <sup>3</sup> /hr
Speeds	Variable
Cooling capacity	2,000 s.f. / 180 m <sup>2</sup>
Water reservoir	48 G / 180 L
Unit dimensions (inches)	72 H x 54.5 W x 28 D
Unit dimensions (cm)	182 H x 137 W x 71 D
Unit weight	200 lb / 122 kg
Stock number	PACJS2400

## DESCRIPTION

The attractive Portacool JetStream® products are designed for powerful cooling. These products offer the top-of-the-line options for portable evaporative coolers. When you are comfortable, you can perform at your best!

## FEATURES

- Dual water fill options (manual fill or hose connection)
- Adjustable louvers
- Water control valve
- Cord wrap for tidy storage

## JETSTREAM 1600 SPECIFICATIONS

Air delivery	4,000 CFM / 6,700 m <sup>3</sup> /hr
Speeds	Variable
Cooling capacity	1,000 s.f. / 90 m <sup>2</sup>
Water reservoir	42 G / 160 L
Unit dimensions (inches)	59 H x 37 W x 24.5 D
Unit dimensions (cm)	150 H x 94 W x 62 D
Unit weight	109 lb / 49 kg
Stock number	PACJS1600





# CYCLONE 1000



## DESCRIPTION

Don't let the small size fool you! This product provides much needed relief from the heat with the smallest footprint. Take your outdoor space back from the heat.

## FEATURES

- Dual water fill options (manual fill or hose connection)
- Adjustable louvers
- Water control valve and water level gauge

## SPECIFICATIONS

Air delivery	1,000 CFM / 1,700 m <sup>3</sup> /hr
Speeds	Two
Cooling capacity	300 s.f. / 28 m <sup>2</sup>
Water reservoir	8 G / 30 L
Unit dimensions (inches)	35 H x 19.5 W x 20 D
Unit dimensions (cm)	89 H x 50 W x 50 D
Unit weight	50 lb / 23 kg
Stock number	PACCYC06

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# CYCLONE

## CYCLONE 3000 SPECIFICATIONS

Air delivery	3,000 CFM / 5,000 m <sup>3</sup> /hr
Speeds	Two
Cooling capacity	700 s.f. / 60 m <sup>2</sup>
Water reservoir	16 G / 60 L
Unit dimensions (inches)	38 H x 29 W x 25 D
Unit dimensions (cm)	97 H x 74 W x 64 D
Unit weight	100 lb / 45 kg
Stock number	PAC2KCYC01

## DESCRIPTION

Portacool Cyclone® products are compact in size but huge in performance. Equipped with powerful centrifugal fans these evaporative coolers are ideal for your garage or patio. Enjoy your outdoor space longer!

## FEATURES

- Dual water fill options (manual fill or hose connection)
- Adjustable louvers
- Water control valve
- Centrifugal Air delivery

## CYCLONE 2000 SPECIFICATIONS

Air delivery	2,000 CFM / 3,300 m <sup>3</sup> /hr
Speeds	Two
Cooling capacity	500 s.f. / 40 m <sup>2</sup>
Water reservoir	10 G / 38 L
Unit dimensions (inches)	31 H x 24 W x 25 D
Unit dimensions (cm)	79 H x 61 W x 64 D
Unit weight	61 lb / 27 kg
Stock number	PACCYC02



## CYCLONE 3000

Also available in sienna housing. Stock number PAC2KCYC01A



## CYCLONE 2000

Also available in sienna housing. Stock number PACCYC02A





## 48" TWO SPEED



### DESCRIPTION

Keep your workers cool and productive with Portacool® evaporative coolers. This is our largest product with the highest cooling capacity. Cool workers are comfortable workers. Comfortable workers are productive workers.

### FEATURES

- Low-water shutoff
- Heavy-duty, 8" casters
- Water control valve
- Cord wrap for tidy storage

### SPECIFICATIONS

Air delivery	20,000 CFM / 33,900 m <sup>3</sup> /hr
Speeds	Two
Cooling capacity	4,000 s.f. / 370 m <sup>2</sup>
Water reservoir	40 G / 150 L
Unit dimensions (inches)	86 H x 74 W x 36 D
Unit dimensions (cm)	218 H x 188 W x 92 D
Unit weight	345 lb / 156 kg
Stock number	PAC2K482S

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# 36" MODELS



## 36" VARIABLE SPEED

### FEATURES

- Low-water shutoff
- Low noise
- Water control valve
- Cord wrap for tidy storage

### SPECIFICATIONS

Air delivery	10,100 CFM / 17,000 m <sup>3</sup> /hr
Speeds	Variable
Cooling capacity	2,650 s.f. / 240 m <sup>2</sup>
Water reservoir	32 G / 120 L
Unit dimensions (inches)	67 H x 62 W x 32 D
Unit dimensions (cm)	170 H x 157 W x 81 D
Unit weight	200 lb / 91 kg
Stock number	PAC2K36HPVS

## 36" THREE SPEED

### FEATURES

- Low-water shutoff
- Connection for standard water hose
- Water control valve
- Cord wrap for tidy storage

### SPECIFICATIONS

Air delivery	9,600 CFM / 16,300 m <sup>3</sup> /hr
Speeds	Three
Cooling capacity	2,500 s.f. / 240 m <sup>2</sup>
Water reservoir	32 G / 120 L
Unit dimensions (inches)	67 H x 62 W x 32 D
Unit dimensions (cm)	170 H x 157 W x 81 D
Unit weight	205 lb / 91 kg
Stock number	PAC2K363S



Also available in single speed

Stock number PAC2K361S



# 16" VERTICAL TANK



## DESCRIPTION

Perfect for the patio, garage, or work area. This unique evaporative cooler comes with a tall housing to help elevate the cooler airflow off the ground. Take your outdoor spaces back from the heat!

## FEATURES

- Water level sight tube
- 42-gallon water reservoir with manual fill
- Cord wrap for tidy storage
- Easy-roll casters for quick spot cooling

## SPECIFICATIONS

Air delivery	3,900 CFM / 6,660 m <sup>3</sup> /hr
Speeds	Three
Cooling capacity	900 s.f. / 80 m <sup>2</sup>
Water reservoir	42 G / 160 L
Unit dimensions (inches)	59 H x 37.5 W x 23 D
Unit dimensions (cm)	150 H x 95 W x 58 D
Unit weight	130 lb / 59 kg
Stock number	PAC163SVT

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# 24" HIGH PERFORMANCE



## DESCRIPTION

Keep yourself safe and productive with this powerful cooler. If space is limited and cooling is needed, then this product will beat the heat and get the job done.

## FEATURES

- Variable speed motor
- Small profile fits through standard doorway
- Water control valve

## SPECIFICATIONS

Air delivery	6,700 CFM / 11,300 m <sup>3</sup> /hr
Speeds	Variable
Cooling capacity	1,800 s.f. / 160 m <sup>2</sup>
Water reservoir	14 G / 54 L
Unit dimensions (inches)	53 H x 50 W x 25 D
Unit dimensions (cm)	135 H x 127 W x 64 D
Unit weight	155 lb / 70 kg
Stock number	PAC2K24HPVS

## PORTACOOL ACCESSORIES

ITEM	FOR MODEL #	STOCK NO.	DESCRIPTION
Vinyl Cover	36", JS2400	PAC-CVR-01	Vinyl cover for 36" and JS2400 models
Vinyl Cover	Cyclone 3000, 16"	PAC-CVR-02	Vinyl cover for Cyclone 3000 and 16" tabletop
Vinyl Cover	48", HR3600	PAC-CVR-03	Vinyl cover for 48" and HR3600 models
Vinyl Cover	JS1600, 16VT, 16FC	PAC-CVR-04	Vinyl cover for JS1600, 16" VT, and 16" FC
Vinyl Cover	Cyclone 2000	PAC-CVR-C2	Vinyl cover for Cyclone 2000
Vinyl Cover	24HP	PAC-CVR-24	Vinyl cover for 24" High Performance
Louvers	16"	LOUVER-KIT-16	Louver kit for 16" models
Louvers	24"	LOUVER-KIT-24	Louver kit for 24" models
Louvers	36"	LOUVER-KIT-36	Louver kit for 36" models
Louvers	48"	LOUVER-KIT-48	Louver kit for 48" models
Cord Wrap	All	CORD-WRAP-KIT	Cord wrap kit for all models
Filter Frames	All	PAC-FRAME	Includes filter and frame. Note model size.
MK-47	All	MK-47-CS	Water treatment. Carton of six canisters.



# AIR DRIVEN

## DESCRIPTION

Air drive products are pneumatically powered and operate exclusively from compressed air. No electricity is required making these products ideal for facilities where electricity is not available. Portacool allows you to take the benefits of evaporative cooling anywhere you need it.

## FEATURES

- Connection for standard water hose
- Water control valve
- Durable, heavy-duty casters



## SPECIFICATIONS

Air delivery	2,200 CFM / 3,727 m <sup>3</sup> /hr	4,900 CFM / 8,325 m <sup>3</sup> /hr	9,100 CFM / 15,460 m <sup>3</sup> /hr
Air Requirements	73 SCFM @ 40 PSIG	164 SCFM @ 40 PSIG	196 SCFM @ 80 PSIG
Support Frame	Aluminum	Aluminum	Welded Steel
Water reservoir	3 G / 11 L	14 G / 53 L	32 G / 120 L
Unit dimensions (inches)	58 H x 39 W x 65 D	73 H x 49 W x 72 D	65 H x 63 W x 43 D
Unit dimensions (cm)	147 H x 99 W x 165 D	185 H x 124 W x 183 D	165 H x 160 W x 109 D
Unit weight	93 lb / 42 kg	128 lb / 58 kg	352 lb / 159 kg
Stock number	PAC2K16AD	PAC2K24AD	PAC2K36AD

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# HAZARDOUS LOCATION

## DESCRIPTION

Designed to cool areas where airborne gas or debris is potentially combustible, the Hazardous Location products are equipped with sealed switches, cords, motors and pumps to prevent sparking. Stay comfortable in any hot environment and keep yourself and your workers safe.

## FEATURES

- Spark resistant
- Water control valve
- Cord wrap for tidy storage



## SPECIFICATIONS

Air delivery	9,600 CFM / 16,300 m <sup>3</sup> /hr	20,000 CFM / 33,900 m <sup>3</sup> /hr
Speeds	One	One
Cooling capacity	2,500 s.f. / 240 m <sup>2</sup>	4,000 s.f. / 370 m <sup>2</sup>
Water reservoir	32 G / 120 L	40 G / 150 L
Unit dimensions (inches)	67 H x 62 W x 32 D	86 H x 74 W x 36 D
Unit dimensions (cm)	170 H x 157 W x 81 D	218 H x 188 W x 92 D
Unit weight	300 lb / 122 kg	400 lb / 156 kg
Stock number	PAC2K36HZ	PAC2K48HZ

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# UNDERSTANDING EVAPORATIVE COOLING



The simplest definition of evaporative cooling is cooling with water. When water evaporates, the temperature of the air in contact with the water lowers. Imagine the sensation you feel when climbing out of a swimming pool, sweating or when a breeze blows across the ocean – that cool sensation is caused by evaporative cooling.

The heart of an evaporative cooling system is the evaporative media where the water evaporates and the air passing through the media is cooled. Evaporative cooling media, like KÜÜL® Pads, are manufactured with chemically impregnated, fluted cellulose sheets that are glued together. A special water distribution system spreads water over the surface of the media, ensuring a uniform supply of water keeps the entire air contact surface thoroughly wetted. A fan creates negative pressure, causing air to be drawn through the media where evaporation results from contact between air and water. It should be noted that an evaporative cooler is not an air conditioner. It does not use chemicals or refrigerants to cool, nor will it cool the air like an air conditioner. Evaporative coolers are best used where air conditioning is either impractical or inefficient.

## PORTACOOOL ADVANTAGES



**COOLS ANYWHERE STANDARD AIR CONDITIONING IS INEFFECTIVE OR COST PROHIBITIVE**



**COOLS INSTEAD OF RECIRCULATING STALE, HOT AIR LIKE ROTARY FANS**



**COOLS UP TO 4,000 SQUARE FEET WITH THE LARGEST UNIT, OR CHOOSE A SMALLER UNIT FOR SMALLER SPACES**




**COOLS WITHOUT ANY CHEMICALS**



**COOLS ECONOMICALLY WITH EFFICIENT, EFFECTIVE USE OF RESOURCES**

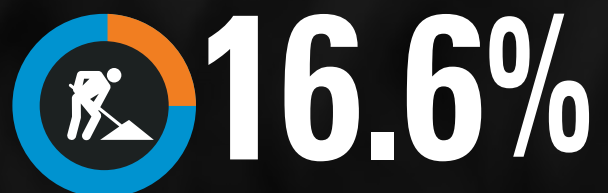




# KÜÜL® TECHNOLOGY

The ONLY evaporative cooling media made in the United States, KÜÜL pads stand alone in today's market and are designed to achieve the most effective and efficient evaporative cooling possible. This is achieved by manufacturing the product with only the highest quality materials available including the heaviest virgin kraft paper with the highest resin content in the industry, and by incorporating leading-edge technology and specialized production processes. In today's market, KÜÜL pads are undeniably the best choice for evaporative cooling. KÜÜL pads outperform the competition in tests for high tensile strength/psi, high dry crush strength/psi, and high wet crush strength/psi.

## COMFORT BY THE NUMBERS



**YOU RISK A 16.6% DECREASE IN  
PRODUCTIVITY AT TEMPS OF 92°**

In a large U.S. study conducted by Gary Shiller, MD et al (1988), almost 50% of the summer temperature readings were outside the thermal comfort zone. This means during the study conducted by Shiller, the temperature was warmer than comfortable for workers almost half the time. While cooler-than-comfortable temperatures can affect productivity, decreases in productivity are most clearly documented for high temperatures.

**STAY COOL • STAY PRODUCTIVE**



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