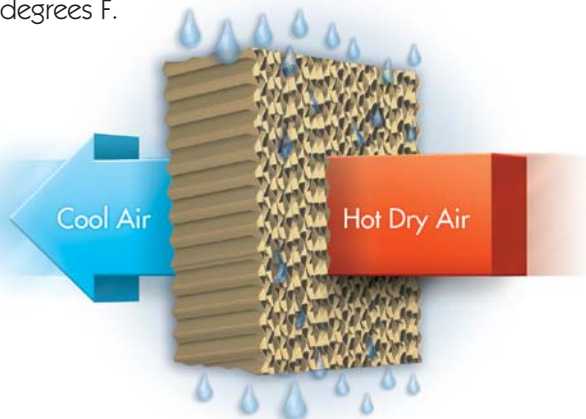


# What is Evaporative Cooling?

Remember the chill of wind hitting your skin after swimming on a hot day? That's natural evaporative cooling.

## How do these units work?

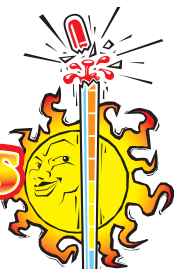
Port-A-Cool® portable evaporative cooling units employ the same natural cooling process, using forced air over water-soaked evaporative cooling pads to reduce temperatures up to 30 degrees F.



## Why choose Port-A-Cool® units?

- Cools anywhere standard air conditioning is ineffective or cost prohibitive
- Cools for just 4-34¢ an hour, depending on the unit size
- Cools instead of recirculating stale, hot air
- Cools up to 4,000 square feet with the largest unit, or choose a smaller model for tight spaces
- Cools where you need it
- Cools without any chemicals
- Cools economically with efficient, effective resource use

## Hot Temperatures What is it costing you?



EFFECTIVE TEMPERATURE	LOSS IN PRODUCTIVITY	LOSS IN ACCURACY
80°F	8%	0%
85°F	18%	5%
90°F	29%	40%
95°F	45%	300%
100°F	62%	700%

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

**MORE Effective than a fan**



**MORE Economical than A/C**

**Easy on the Environment**



## What does it cost to be cool?

Port-A-Cool® model resource use

PORT-A-COOL® MODEL	COST ELECTRIC & WATER (1 HOUR)
Cyclone 2000	\$0.04
Cyclone 3000	\$0.08
16" Three Speed VT Model	\$0.08
16" Three Speed HD Model	\$0.08
JetStream 1600	\$0.08
JetStream 2400	\$0.20
24" Variable Speed	\$0.20
36" One Speed Model	\$0.27
36" Three Speed Model	\$0.26
36" Variable Speed	\$0.26
48" Two Speed Model	\$0.34

Data compiled using standard lab conditions of temperature and humidity. Performance may vary depending on location.



## WHY BURN MONEY AND RISK HEALTH?



### HEAT STRESS:

According to OSHA "rest period" recommendations, if a staff of 100 workers takes ONE additional 10-MINUTE REST PERIOD PER DAY, the cost to the company will be 16 hours and 40 minutes in lost production time per day or 83 hours and 20 minutes per week. In terms of dollars, at \$18 per hour pay rate, excluding overtime and including benefits, the cost to the company will be \$1,500 per week or \$19,500 over the course of a 13-week summer.



on 230v / 60 hz units



on 230v / 50 hz units