

PolarCool Pro Evaporative Cooling System



The PolarCool Pro Evaporative Cooling System provides spot and area cooling where you need it, when you need it. Evaporative cooling is a time-tested and efficient means of reducing air temperature. It is especially useful when the space to be cooled is well ventilated.

Evaporative cooling requires just two factors to work: water and moving air. When air is forced through a water-saturated medium, some of the water is pulled away and quickly evaporates. This draws heat from the moving air, thereby lowering the ambient temperature.



| Features | |
|---------------------------------------|--|
| All-metal Upper Housing | The metal upper housing is finished with black powder coat. |
| Plastic Reservoir | The rotationally molded plastic reservoir is not susceptible to rust or leaks. |
| Variable Speed | The fan can be set to one of 10 speeds. |
| Touchpad Interface | The control panel allows for hassle-free operation and status monitoring. |
| Low-water Shutoff | When the reservoir’s water level is low, the pump shuts off to avoid damage. |
| Hinged Top Cover | The interior of the unit can be accessed quickly and easily. |
| Edge-coated Evaporative Cooling Media | The cooling pads are edge-coated for extended life and improved durability. They are treated with a specially formulated, algae-resistant substrate. |

| Specifications | | | |
|------------------------------|---------------------------------|------------------------------|----------------------------------|
| Unit Dimensions | 51" W x 66" H x 29" D | Low-water Shutoff | Equipped |
| Unit Weight | 198 lbs (Empty); 515 lbs (Full) | Cooling Media (x4) | CELdek: 12" W x 48" H x 6" D |
| Shipping Dimensions | 55" W x 74" H x 32" D | Cooling Media Area | 16 ft ² |
| Shipping Weight | 314 lbs | Cooling Media Volume | 8 ft ³ |
| Drive Type | Direct | Casters | 4 (2 Fixed; 2 Swivel with Locks) |
| Speeds | 10 | Caster Wheel Size | 6" |
| Water Consumption* | 12 Gallons per Hour | Water Output | Adjustable |
| Reservoir Volume | 38 Gallons | Power Cord | 20'; 120VAC; GFCI-protected |
| Power Consumption | 10A at 115V; 60 Hz | Cord Wrapping Bracket | Front of Unit |
| Cooling Area | 3,200 ft ² | Water Inlet Adapter | 3/4" Garden Hose |
| Current | 8.5A | Drain Outlet Adapter | 3/4" Garden Hose |
| Typical Air Movement† | 10,000 CFM | UL Certification | UL 507 |

*Assuming space is $\geq 90^{\circ}\text{F}$. Lower temperatures will result in less water usage.

†Depending on relative humidity, temperature, and area being cooled.

