

48” Single-Speed 120V Evaporative Cooling System



The PolarCool 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.



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Features	
All-metal Housing	The housing is available in black powder coat.
Single Speed	The fan is operated by a simple on/off switch.
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.
Forklift Channels	The unit can be easily transported.

Specifications

Unit Dimensions	73"W x 74" H x 35" D	Cooling Media (x3)	CELdek: 12" W x 60" H x 8" D
Shipping Dimensions	80" W x 84" H x 44" D	Cooling Media Area	40 ft ²
Empty Weight	625 lbs	Cooling Media Volume	20 ft ³
Drive Type	Belt	Casters	4 (2x Fixed; 2x Swivel with Locks)
Speeds	1	Rigid Caster Wheel Size	6"
Noise Level	32 dB	Forklift Channels	Bottom of Unit
Water Consumption*	17 Gallons Per Hour	Water Output	Adjustable
Reservoir Volume	13.5 Gallons	Power Cord	20'; 120VAC; Non-GFCI
Power Consumption	18A at 120V; 60 Hz	Cord Wrapping Bracket	Front of Unit
Cooling Area	4,000 ft ²	Water Inlet	3/4" Garden Hose
Typical Air Movement†	17,500 CFM	Drain Outlet	3/4" Garden Hose

*Assuming space is ≥ 90°F. Cooler temperatures will result in less water usage.

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

