

EPiC-Series

Two-Stage Evaporative Cooling Technology



Facility owners and their contractors trust us for a reason.

Cambridge technology and expert support goes beyond that of other HVAC manufacturers. 100% of our equipment is tested for site-specific requirements before being shipped and lasts decades longer than our competitors.

EASY

Fully packaged shipments with fewer structural requirements.

EXPERT SUPPORT

Our application-focused engineering team & your local rep collaborate closely for facility fit and system design. Our customer service group can deploy for training, troubleshooting or startups – whatever it takes for your project to be a success.

SHORT LEAD TIMES

3-5 week turnaround on standardized products with reliable delivery for your installation planning.

ENERGY EFFICIENT

Simply put: our technology requires less natural gas to achieve high-impact performance. The EPiC-Series is a viable alternative to DX cooling and uses 60-80% less energy.

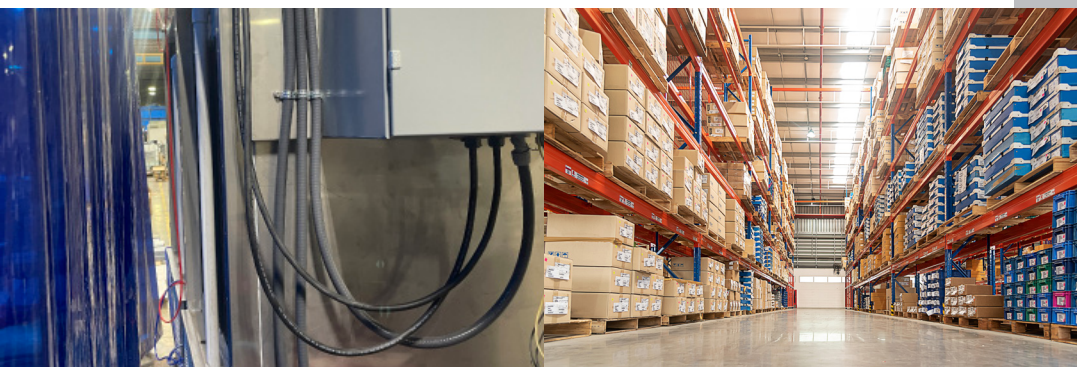
EQUIPMENT THAT PERFORMS

Our units are built to last for the people who rely on this equipment – often decades longer than our competitors.

Our new Evaporative Pre-Cooler provides 1- or 2-stage evaporative cooling for cooler, cleaner air for workers suffering from high temperatures or poor indoor air quality.

Applications

- Warehouse/Distribution
- Aviation
- Sports Arenas
- Agricultural
- Call Centers
- Food Processing Plants
- Manufacturing
- Health Care/Labs
- Waste Water Treatment
- Foundries
- Institutions/Prisons
- Schools



Specifications

Airflow Ranges: 4,200 - 24,000 CFM

- EPC4 4,200 - 7,000 CFM
- EPC6 6,300 - 10,500 CFM
- EPC8 8,400 - 14,000 CFM
- EPC10 10,500 - 17,500 CFM
- EPC12 12,600 - 21,000 CFM
- EPC14 14,400 - 24,000 CFM

Evaporative Cooling:

- Single-Stage (Indirect Evaporative)
- Two-Stage (Indirect + CELdek Direct Evap)
- Two-Stage (Indirect + GLASdek Direct Evap)

Available Options

Voltage:

- 460/3/60
- 230/3/60
- 208/3/60

Electrical and Plumbing Location:

- Left Hand
- Right Hand

Bleed Control:

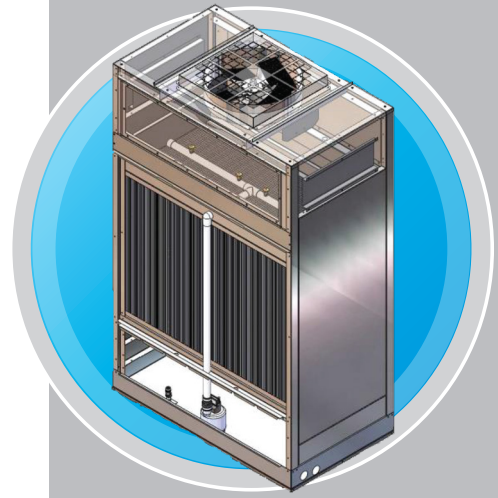
- Manual Valves
- Automatic (total dissolved solids monitor)

Intake

- Louver w/ 2" Aluminum Slab filter
- Painted Hood w/ 2" Aluminum Hood Filters (1000 hr salt spray)
- Stainless Hood w/ 2" Aluminum Hood Filters

Plumbing:

- PVC
- Copper



Features:

- Single Wall Stainless Casing
- Freeze Stat
- 24 Hour Drain Timer
- UL Listed 508A Panel
- Two Year Unit Warranty
- Five Year Indirect Evap Exchanger Warranty

Accessories:

- Fill and Drain Kit
- Intake Damper
- Slab Filter Section
 - 2" Aluminum Filters
 - 2" MERV8 Filters
 - Filters by Others

Unit Size	Max Airflow (cfm)	Face Velocity at Max Airflow (fpm)	Evaporative Efficiency (%) ¹		Base Dimensions (ft) ²			Full Load Amps	
			Indirect	Direct	Width	Depth	Height	Indirect	Indirect/Direct
EPC4	7,000	500	75.6	88.5	4	2.9	8.5	2.8	3.6
EPC6	10,500	500	75.6	88.5	6	2.9	8.5	2.8	3.6
EPC8	14,000	500	75.6	88.5	8	2.9	8.5	7.5	8.2
EPC10	17,500	500	75.6	88.5	10	2.9	8.5	7.5	8.2
EPC12	21,000	500	75.6	88.5	12	2.9	8.5	5.7	6.4
EPC14	24,000	500	75.6	88.5	14	2.9	8.5	11.2	11.9

1. Evaporative performance varies based on numerous factors. Consult quotes for units specific information.

2. Unit base only. Inlet accessories, control enclosure, direct evaporative media, extend beyond the base. Consult quotes for unit specific information.