

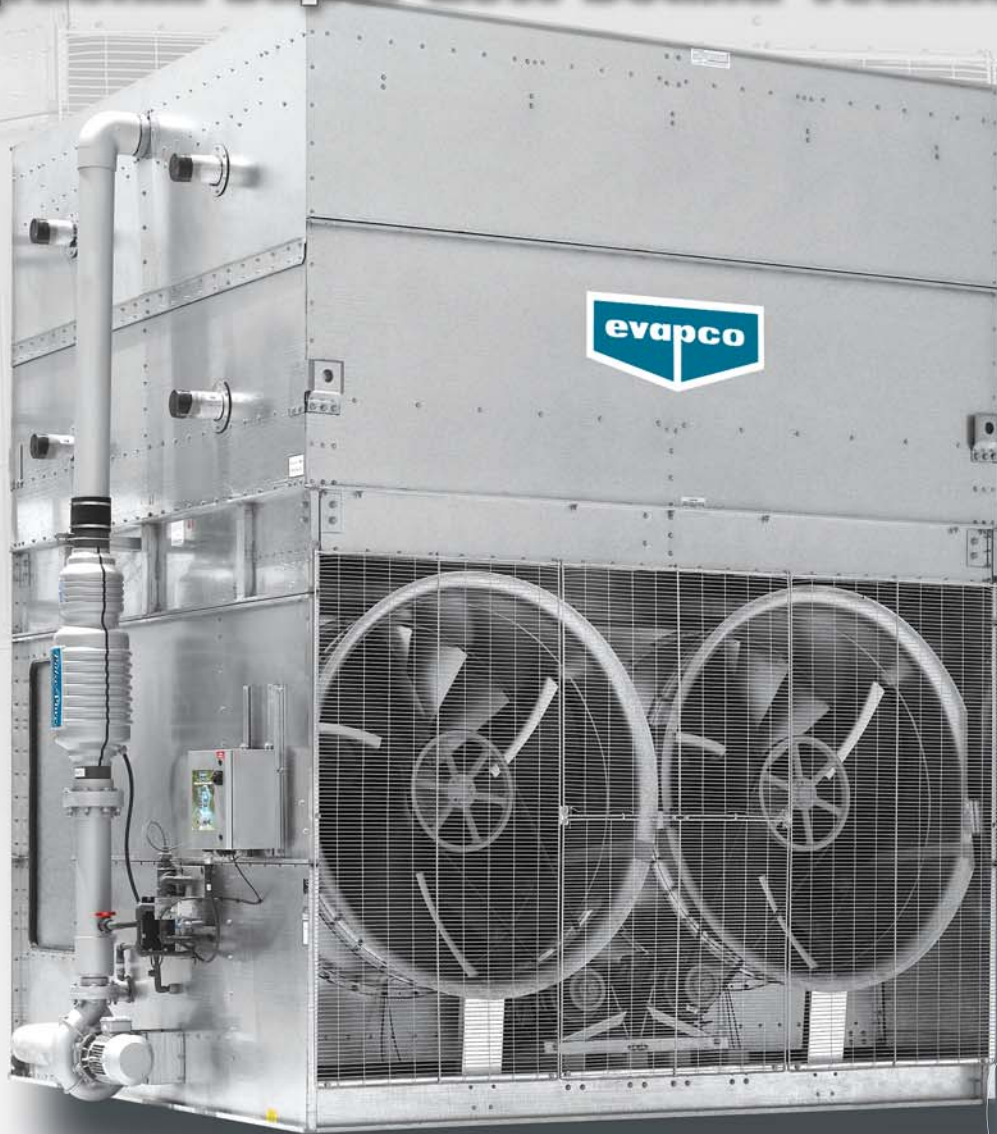


# PMC-E

## EVAPORATIVE CONDENSERS

Energy Saving - Easy to Install - Easy to Maintain

**NEW!** Optional Super Low Sound Technology



*For Critical Sound Sensitive Applications*

**Technology for the Future...Available Today!**



**IARW** International Association of Refrigerated Warehouses

**AHRP** Air-Conditioning, Heating, and Refrigeration Institute

Member of **iiar**  
International Institute of America Refrigeration  
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Since its founding in 1976, EVAPCO, Incorporated has become an industry leader in the engineering and manufacturing of quality heat transfer products around the world. EVAPCO's mission is to provide first class service and quality products for the following markets:

- Industrial Refrigeration
- Commercial HVAC
- Industrial Process
- Power

EVAPCO's powerful combination of financial strength and technical expertise has established the company as a recognized manufacturer of market-leading products on a worldwide basis. EVAPCO is also recognized for the superior technology of their environmentally friendly product innovations in sound reduction and water management.

EVAPCO is an employee owned company with a strong emphasis on research & development and modern manufacturing plants. EVAPCO has earned a reputation for technological innovation and superior product quality by featuring products that are designed to offer these operating advantages:

- Higher System Efficiency
- Environmentally Friendly
- Lower Annual Operating Costs
- Reliable, Simple Operation and Maintenance

With an ongoing commitment to Research & Development programs, EVAPCO provides the most advanced products in the industry – **Technology for the Future, Available Today!**



EVAPCO products are manufactured in 17 locations in 8 countries around the world and supplied through a sales network consisting of over 170 offices.

## EVAPCO is Proud to Introduce **NEW!** Optional Super Low Sound Technology for Forced Draft Axial Fan Condensers.



**NEW!**

### Super Low Sound Fan Technology – OPTIONAL

- One Piece Molded Heavy Duty FRP Construction.
- Sound level reduction **10-13 dBA** on fan side @ 50'.

### PMC-EQ / LSCB Sound Comparisons

Model No.	Fan Motor Power	Sound Pressure Levels				
		End	Fan Side	Opp. End	Opp. Fan Side	Top
LSCB-400	30	58	66	57	56	63
PMC-426E-Q	15	57	66	57	57	62
LSCB-625	50	59	66	59	56	63
PMC-645E-Q	30	59	69	59	58	63

**NOTE:** Sound pressure levels in dBA 50' from source.

- Reduced energy consumption compared to Forced Draft Centrifugal Condensers.
- Typical sound values equal or lower than Forced Draft Centrifugal Condensers of similar size.

### Pulse~Pure® Water Treatment System – OPTIONAL

- Control bacteria to levels well below traditional chemical water treatment.
- Control the formation of mineral scale.
- Save water by operating at higher cycles of concentration.
- Yield corrosion rates equivalent to chemical water treatment.



Man-Sized Access Door is Optional

### Man-Sized Access Door – OPTIONAL

- Enhanced Basin Accessibility.
- Easy Maintenance.

### PVC Water Dis...

- Large orifice prev...
- Even spray distrib...
- Threaded end cap...
- Guaranteed for lif...





The PMC-E Evaporative Condenser is now available with Quiet Super Low Sound Fan Technology. Easy to install...Easy to maintain...Energy saving ...**Quiet Operation!**

**Distribution**

Prevents clogging (no moving parts).  
 Distribution due to incorporated dispersion bar.  
 Easy for ease of cleaning.

**Water Saver Drift Eliminators**

- New patented design reduces drift rate to 0.001%.
- Saves water and reduces water treatment cost.
- Greater structural integrity vs. old style blade-type.
- Recessed into casing for greater protection.

U.S. Patent No. 631580481

**Double-Brake Flange Joints**

- Stronger than single-brake designs.
- Minimizes water leaks.
- Greater structural integrity.

**Unique Field Seam**

- Eliminates up to 85% of fasteners.
- Self guiding channels improve quality of field seam to eliminate leaks.
- Easy to install.
- Lower installation cost.



**Thermal Pak II Heat Transfer Technology**

- Patented design.
- More surface area per plan area than competitive designs.
- Improved heat transfer efficiency due to tube geometry and orientation of tubes.
- Lower refrigerant charge.

U.S. Patent No. 4755331

**Individual Fan Drive System**

- Increased flexibility for improved capacity control.
- Greater reliability through redundancy.
- Easy motor replacement.
- Front mounted drives for improved maintenance accessibility.



**Sloped Pan Bottom**

- Pan bottom slopes to drain.
- Easy to clean.
- Stainless steel strainer resists corrosion.

**Optional Design Features:**

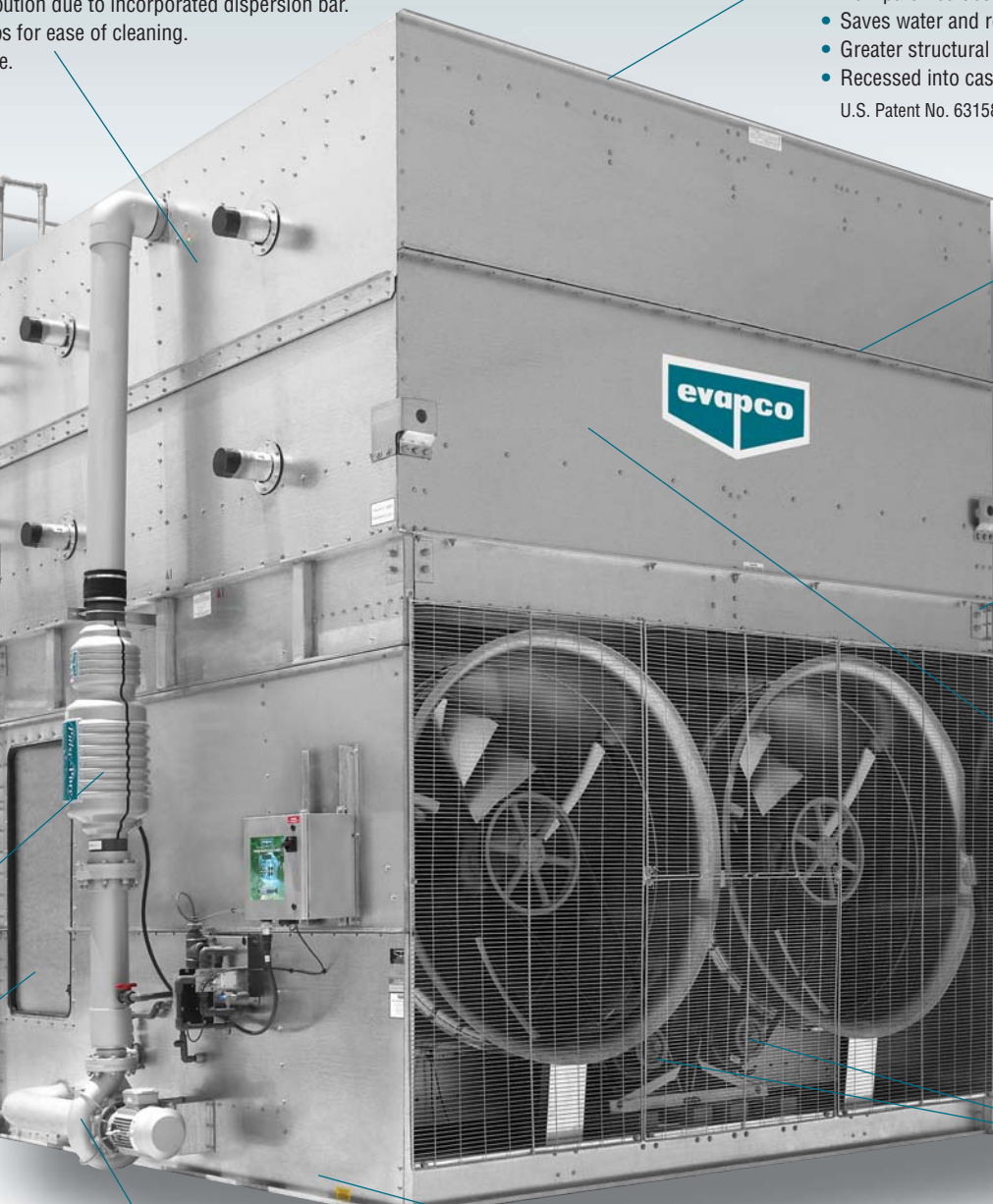
- Stainless Steel Construction.
- Sunblockers to shield the basin from direct sunlight.

**Improved Water Distribution Piping**

- Horizontally mounted pumps allow for reduced basin water level.\*
- Simplified piping for easier basin access.
- Totally enclosed pump motors assure long, trouble-free life.

\*Refer to engineering data for availability.

IAL





EVAPCO PRODUCTS ARE MANUFACTURED WORLDWIDE.



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