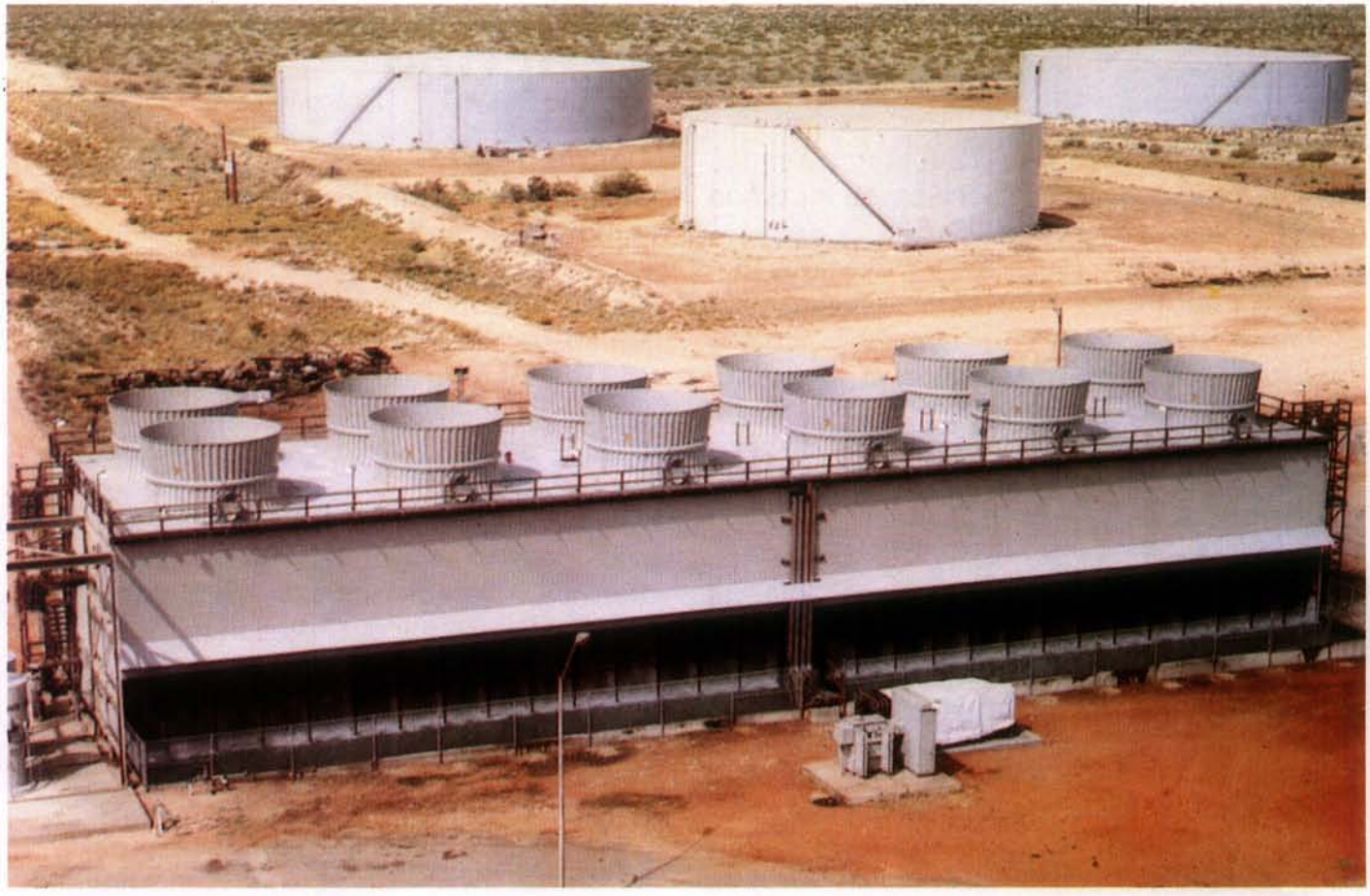

Paharpur Class 400 Counterflow Cooling Towers

There was a time when all a cooling tower had to do was cool the **right** amount of water to the **right** temperature - under **specified** conditions of load and ambient. Today, the cooling tower whose abilities cease at that point is likely to cause ownership operation and maintenance costs which totally overshadow its apparent worth as a heat rejection device.

The Paharpur Class 400 tower is designed to augment the **total** value of the **system** it serves. Its worth goes several steps beyond the basic reliability of its thermal performance. Reduced pump head and fan energy requirements return long-term operating costs benefits to the Owner and the increased use of inert materials - plus accessibility of all primary components - significantly reduces the impact of maintenance.

Culminating over 40 years of design, manufacturing, and operating experience, the Class 400 can truly be said to represent today's state-of-the-art in cooling towers for heavy-duty industrial service.

Please turn over

PAHARPUR

Class 400
General Description

Wood Framed* - Designed in accordance with National Design Specification for Wood Construction (NDS), U.S.A.

ACB / GRP Cased. - Inert asbestos cement board or fibreglass-reinforced-polyester corrugated casing provides a long-lasting, pleasing experience.

PVC Filled (Film type) - Maximizes thermal performance per cubic foot of fill-Corrugated construction provides years of reliable service - Immune to corrosion and decay. "Integral pack" fill design provides better strength and more stable performance than "stacked pack" design of competition.

Induced Draft - Locates fan and mechanical equipment in warm airstream to simplify winter operation - Minimizes the effects on performance of exhaust recirculation - ensures uniform air distribution.

** The class 400 is also available in steel or pultruded frame.*

Counterflow - Allows maximum thermal performance capability per unit of plan area minimizes pump head requirements.

Factory Fabricated, Field Erected - Minimizes cost impact of jobsite labour- Assures accurate parts fabrication in conformance with design and efficient erection according to a predictable schedule.

Cellular - Permits maximum operator control under varying conditions of load and ambient weather. Variety of components and structural possibilities permit optimization to meet the required thermal performance conditions.

Heavy-Duty Construction - All wood is pressure treated after fabrication - All fabricated steel components are hot dipped galvanized - Extensive usage of inert plastics for structural and non-structural components. Designed for heavy industrial use and long service life - All major components (except electric motors) manufactured by Paharpur.

Additional Services

Paharpur does not just sell towers. We are dedicated to serving the needs of our customers - needs which begin far in advance of the actual purchase of a new cooling tower, and vary over the operating lifetime of the tower. Call on Paharpur for such important services as: applications/sizing/layout, constructions, parts, inspection and evaluation of your tower, periodic maintenance, reconstruction, performance improvement, tower replacement and cooling tower information.

For more information contact our Corporate Communication & Marketing Support Services Division.

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