



Paharpur Series S-100/120 Cooling Towers

The Paharpur Series S-100/120 cooling towers are the first choice for large air-conditioning and medium to heavy industrial applications.

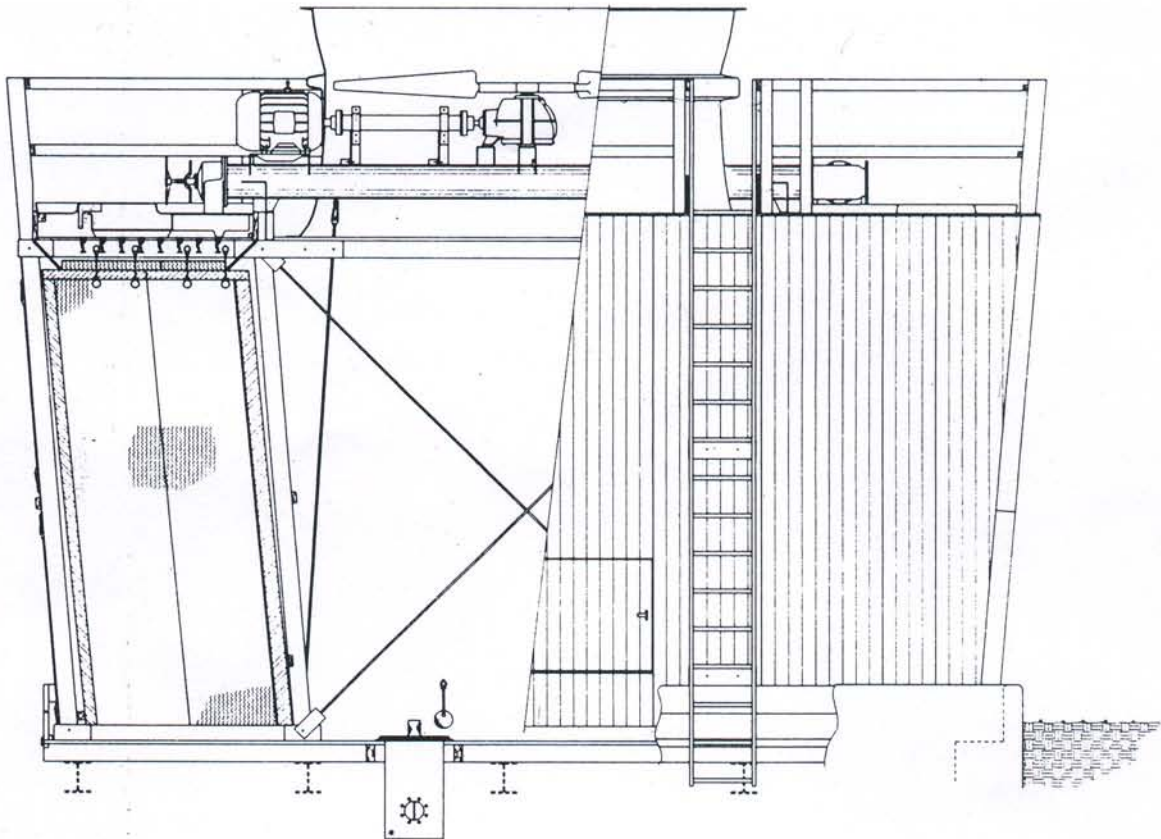
Paharpur MX-75 LEV high performance film fill is the heart of every Series S-100/120 tower. A repeating chevron pattern provides the wetted surface and air turbulence necessary for proper heat transfer, while minimizing resistance to airflow so you will save on fan power. Louvres and drift eliminators are an integral part of the fill sheet.

Paharpur spiral bevel gear reducers used in the Series S-100/120 contribute a long record of dependability, long service life, and low maintenance. Every gear reducer unit is run-in under load prior to shipment to make sure it will operate properly on your tower.

All Series S-100/120 towers offer the benefits of adjustable pitch propeller type fans designed and manufactured by Paharpur. The true aerofoil blades, designed specially for cooling towers, offer efficient, quiet operation and long service life.

Please turn over





1. **Guaranteed Performance.** Don't rely on outside agencies with limited enforcement powers. We'll stand by our responsibility for reliable thermal performance. We designed it. We rate it. We guarantee it !
2. **Long Service Life.** We've carefully chosen all the materials used in S-100/120 towers for their corrosion resistance and suitability for cooling tower service. Pressure-treated lumber, heavy-galvanized steel, stainless steel, PVC and fibreglass keep your tower working year after year.
3. **Efficient Field Assembly.** Precise factory fabrication assures that every component in your tower will fit as designed. And Paharpur offers an unparalleled nationwide construction organization to build your tower quickly and economically.
4. **Low Operating Costs.** Paharpur's high-efficiency fill and fans, gravity-flow water distribution, and efficient gearreducer drive work together to offer maximum cooling with minimum power use.
5. **Low Maintenance Costs.** Induced-draft-propeller fans on Paharpur-right-angle gear reducer units; TEFC weatherproof motors; and heavy-duty mechanical equipment supports, assure long service life with minimum maintenance.
6. **All-Season Reliability.** S-100/120 towers perform as specified in the heat of summer and monsoon. They respond well to energy management techniques in winter. And they offer simple maintenance all year long. **We guarantee it!**
7. **Single Source Parts Availability.** Paharpur designs, manufactures, guarantees, and stocks all major components of the tower except motors. (In fact, we stock a number of motors, too.) We'll have the parts if you ever need them.



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