

MarleyGard™

WATER AND TOWER PROTECTION SOLUTIONS



MARLEY®



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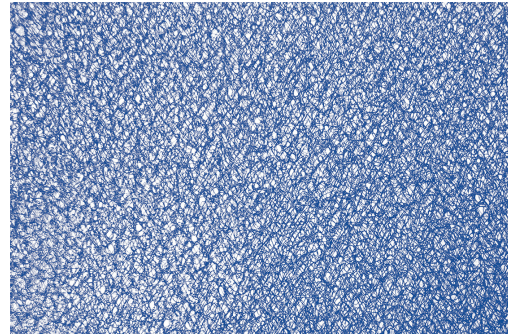
Healthy cooling tower water conditions and routine tower maintenance are crucial for overall cooling efficiency. Through proactive monitoring and treatment, MarleyGard Water and Tower Protection Solutions help cooling tower operators take a preemptive approach to challenging issues, including scale, corrosion, microorganisms and water conservation. Keep your tower running cooler for longer with MarleyGard.

- ✓ Basin Filter
- ✓ Air Inlet Screen
- ✓ Basin Sweeper Piping
- ✓ Sunshield Basin Cover
- ✓ Low-Flow Nozzle Cups
- ✓ WaterGard
- ✓ EXTEND Warranty
- ✓ EXTEND Service



MarleyGard Basin Filter

A patent-pending filtration system designed to protect your cooling tower by capturing mineral scale, pipe rust, fiber and other debris in the hot-water basin before it reaches other components downstream—including nozzles, cooling tower fill, pump impellers and heat exchangers. Infused with a silver-based biocide, the Basin Filter also helps support cooling tower hygiene. Available for new and existing factory-assembled crossflow cooling towers.

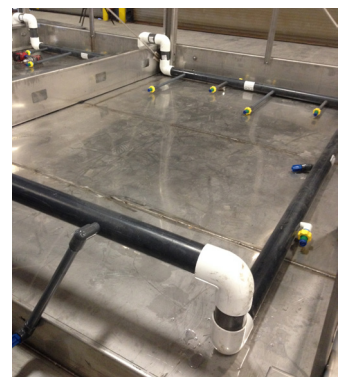


MarleyGard Air Inlet Screen

A cooling tower draws in airborne debris during normal operation that can easily clog cooling tower fill or accumulate in the cold water basin, reducing the tower's cooling performance and causing water quality issues. MarleyGard Air Inlet Screens protect your fill from large debris such as leaves and litter, capturing this waste before it enters the fill or water system and providing easier maintenance and fewer tower cleanings.

MarleyGard Basin Sweeper Piping

Solids control is crucial for optimal cooling tower performance. Airborne contaminants and suspended solids can accumulate in the cooling tower cold water basin—contributing to bacterial growth and the formation of biofilm. The MarleyGard Basin Sweeper Piping is strategically positioned to effectively “sweep” solids towards the pump suction pipe to be separated or filtered out.



MarleyGard Sunshield Basin Cover

The MarleyGard SunShield Basin Cover is designed to protect the cold-water basin from direct sunlight and debris that can contribute to algae growth. Cold-water basins exposed to excessive sunlight can create the perfect environment for algae to thrive, which can contribute to lower efficiency and clogging, and create a food source for microorganisms leading to a rise in bacterial growth.

Marley WaterGard™

Water optimizing filtration system for evaporative cooling products.

Patent-pending Marley WaterGard is a water-optimizing filtration system for evaporative cooling products. WaterGard pre-conditions cooling tower makeup water to enable equipment operation at increased Cycles of Concentration (COC) – potentially up to 10 COC or more – reducing wastewater and overall water usage.

- Reduces water usage (withdrawal) up to 59%*
- Reduces wastewater (discharge) up to 88*
- Reduces discharge losses of water treatment chemicals
- Simple service
- Easy operation

*potential benefits vary with source water mineral content



MarleyGard Low-Flow Nozzle Cups



Marley-engineered Low-Flow Nozzle Cups can effectively divide the hot water distribution basin into outboard and inboard sections, allowing the cooling tower to manage variations in flow automatically while maintaining adequate head over active nozzles. Most importantly, uniform air-side pressure drop is maintained across the fill with the MarleyGard Low-Flow Nozzle Cups.

Additional benefits include:

- Maintain uniform air-water contact for maximum efficiency
- Provide consistent off-design performance
- Minimize drift
- Minimize risk of icing in freezing weather

MarleyGard **EXTEND** Warranty

Protect your valuable cooling tower investment beyond its initial warranty period with a MarleyGard Extended Warranty. With custom tailored options to fit your specific needs, an extended warranty can help protect you and your facility from unexpected maintenance and costly repairs.

- Ensure your facility's continued operational efficiency and guard against unplanned equipment downtime and repair costs.
- Select from a range of warranty plans from 24-60 months duration.
- Choose the coverage most suited to your facility – materials and labor or materials only.
- Get the peace of mind that your cooling towers are working so you can focus on your core business.

MarleyGard **EXTEND** Service

Marley understands the most important objectives of your facilities' cooling towers—achieving dependable, consistent day-to-day performance and reducing life cycle costs. Performance and longevity is directly correlated to the care and attention your cooling tower receives. With the EXTEND™ Service program, Marley can provide the services required to care for your cooling tower, no matter the age, model or manufacturer. With decades of experience and dedicated construction teams, the Marley team can perform professional inspections and preventive maintenance on every aspect of your cooling tower.

CONSISTENT PERFORMANCE

Cooling you can count on during the most demanding conditions.

GREATER TOWER LONGEVITY

Extend the life of your cooling tower with proper care and maintenance.

MARLEY KNOWLEDGE

Inspections, maintenance and repairs performed only by cooling tower service specialists.

CUSTOMIZED PROGRAMS

Let Marley design an EXTEND Service contract to meet your needs.

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