Products and Services

SPX®
COOLING TECHNOLOGIES





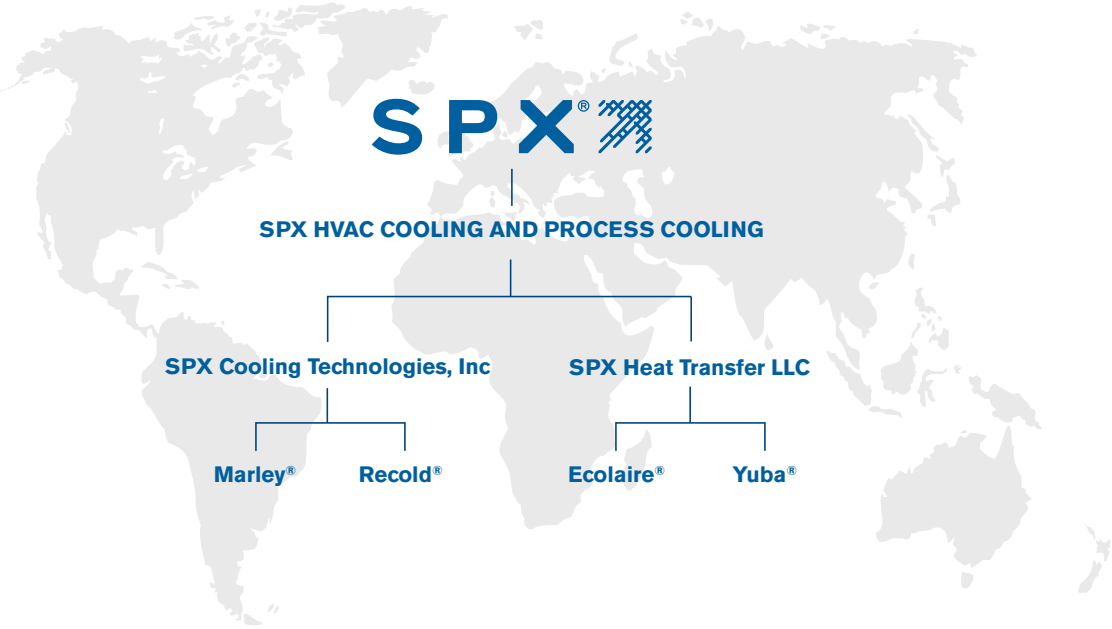


SPX Corporation stands for quality, precision, creativity and innovation. As a global corporation headquartered in Charlotte, North Carolina, USA we produce technical solutions for process cooling, industrial and HVAC markets.

SPX Cooling Technologies is the competence center for thermal components and services within SPX Corporation. Customers may know us by one of our trusted name brands: Marley®, Balcke®, Recold® or Ceramic®. Our innovative product portfolio includes cooling towers and specialized heat exchangers for energy companies, industrial plants and commercial building complexes all over the world. With more than 150 offices and partners, we provide global reach and local solutions.

SPX COOLING TECHNOLOGIES

is a leading global manufacturer of cooling towers, evaporative fluid coolers and evaporative condensers. With a product legacy spanning more than 100 years, the company has more than 250 global patents in the HVAC, industrial and process cooling markets.



Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial
- Chemical processing, refining
- Power generation



MARLEY® NC EVEREST® CROSSFLOW COOLING TOWER

The NC Everest Cooling Tower's preassembled design offers significant advantages, including up to 50% more cooling capacity and up to 35% less fan power compared to other single-cell, factory-assembled cooling towers. Fewer piping and electrical connections offer greater installation savings. Expansive interior provides unrivaled access for easier and safer inspections and maintenance. Tower capacity from 5,763 to 9,623 kW per cell. CTI Certified; FM Approved models available.





MARLEY NC® CROSSFLOW COOLING TOWER

Five-year mechanical equipment warranty and guaranteed thermal performance. Factory assembly and Z725 galvanized steel construction are standard. Stainless steel option expands applications. Tower capacity from 444 to 6,396 kW per cell. CTI Certified; FM Approved models available.

Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial
- Chemical processing, refining
- Power generation



MARLEY® MD EVEREST® COUNTERFLOW COOLING TOWER

MD Everest Cooling Tower's preconfigured modular design offers many advantages, including significantly faster delivery and installation, coupled with safer assembly processes, robust design and materials. Tower capacity 10,990 kW per cell. CTI Certified.



MARLEY MD COUNTERFLOW COOLING TOWER

Induced-draft design requires less plan area than crossflow towers. Factory assembly and Z725 galvanized steel construction are standard. The all stainless steel option enhances the versatility of the MD. Five-year mechanical equipment warranty. Tower capacity from 391 to 3,324 kW per cell. CTI Certified.



MARLEY AV CROSSFLOW COOLING TOWER

Singleflow, induced-draft design offers pump and fan energy savings in a small footprint installation. Factory assembly and Z725 galvanized steel construction are standard. Tower capacity from 550 to 3,394 kW per cell. CTI Certified; FM Approved models available.



MARLEY NCWD HYBRID CROSSFLOW COOLING TOWER

Coil-based, factory-assembled hybrid cooling tower designed to reduce visible plume and enhance water conservation. Tower capacity from 3,214 to 4,049 kW per cell.

Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial



MARLEY NC® FIBERGLASS CROSSFLOW COOLING TOWER

Fiberglass and galvanized steel, field-erected, cooling tower designed to serve air conditioning and refrigeration systems as well as light or medium industrial process loads on clean water. Stainless steel structure option available. Tower capacity from 444 to 6,396 kW per cell. CTI Certified.



MARLEY® CP COUNTERFLOW COOLING TOWER

Induced-draft cooling tower design. The ideal solution for larger space-sensitive applications. Its corrosion-resistant fiberglass construction makes it an excellent alternative to stainless steel products. Tower capacity from 1,134 to 5,878 kW per cell.



MARLEY MCW COUNTERFLOW COOLING TOWER

Maximizes forced-draft technology and high performance. The ideal solution for indoor, urban and industrial applications. Available in Z725 galvanized or 300 series stainless steel construction. Tower capacity from 624 to 2,150 kW per cell. CTI Certified.



RECOLD® JT COUNTERFLOW COOLING TOWER

Forced-draft, low profile design. Z725 galvanized steel factory-assembled structure. Also available in 300 series stainless steel. Tower capacity from 132 to 1,824 kW per cell.

Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial



MARLEY® AQUATOWER® CROSSFLOW COOLING TOWER
Cooling and energy efficiency, reliable performance and simplified maintenance define this compact cooling tower. Z725 galvanized steel factory assembled structure. Also available in 300 series stainless steel or fiberglass construction. Tower capacity from 35 to 554 kW per cell. CTI Certified.



MARLEY UNILITE® COUNTERFLOW COOLING TOWER
Composite fiberglass materials and advanced heat transfer technology result in a high-quality, cost-effective cooling tower that excels across a broad range of HVAC and industrial applications. Tower cells available from 160 to 1,165 m^3/hr. FM Approved models available.



MARLEY NC® ALPHA CROSSFLOW COOLING TOWER
Splash-fill design for use at high temperature or where poor water quality prevents the use of film fill. Factory assembly and Z725 galvanized steel construction are standard. The stainless steel option expands applications. Tower cells available from 65 to 615 m^3/hr.

Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial



MARLEY® MS COOLING TOWER

For those installations where aesthetics preclude the use of a conventional cooling tower. Each tower is custom designed to meet the needs of the individual installation. Available in a wide range of flow rates.



MARLEY SIGMA CROSSFLOW COOLING TOWER

These highly-efficient, low-maintenance towers offer a wide choice of solutions for medium to heavy industrial plants and large HVAC applications. Available in wood, stainless or galvanized steel, or pultruded structural fiberglass for unsurpassed quality and reliability. Tower cells range from 86 to 2,294 m^3/hr capacities.

Evaporative Cooling

- HVAC
- Refrigeration
- Light to medium industrial



MARLEY® SERIES 10/SERIES 15 CROSSFLOW COOLING TOWER
Splash-fill design for use at high temperature or where poor water quality prevents the use of film fill. Wood structure available in treated Douglas Fir or redwood. Tower cells available from 31 to 1,526 m^3/hr.



MARLEY QUADRAFLOW® CROSSFLOW COOLING TOWER
Protected by a five-year total product warranty. These compact fiberglass and stainless steel towers are field assembled, and are available from 567 to 4,603 kW per cell. CTI Certified.

Fluid Cooling

- HVAC
- Refrigeration
- Light to medium industrial



MARLEY® MH CLOSED-CIRCUIT CROSSFLOW FLUID COOLER
The MH Fluid Cooler's hybrid design incorporates fill media and more circuits of coil to increase performance as much as 10 percent compared to other systems and still maintain a space-saving footprint. CTI Certified. FM Approved models available.



MARLEY MC CLOSED-CIRCUIT COUNTERFLOW FLUID COOLER
Forced draft design with centrifugal fans allows quiet indoor operation. Z725 galvanized steel factory assembled structure. Also available in 300 series stainless steel. The ideal solution for sound- and space-sensitive applications.

Evaporative Cooling

- Heavy industrial
- Chemical processing, refining
- Power generation



MARLEY® COUNTERFLOW FIELD-ERECTED COOLING TOWER
The ultimate in versatility, efficiency and quality for large-scale HVAC, power and industrial facilities. Each tower is customized to meet your exact specifications for performance, structure, drift and sound. Available in pultruded structural fiberglass, wood or concrete for unsurpassed quality and reliability. Tower cells available from 295 to 6,814 m^3/hr.



MARLEY CROSSFLOW FIELD-ERECTED COOLING TOWER
Large splash-fill towers proven in hundreds of installations over the last 60 years. Available in pultruded structural fiberglass or wood for unsurpassed quality and reliability. A variety of fill options makes this the most versatile tower for heavy industrial use. Tower cells available from 681 to 6,814 m^3/hr.

Evaporative Cooling

- Heavy industrial
- Chemical processing, refining
- Power generation



MARLEY® NATURAL DRAFT COOLING TOWER
Concrete natural draft counterflow tower of varying sizes and configurations. Exceptionally efficient and reliable, most commonly used in power generation. Each tower is custom designed for flow rates up to 120,000 m^3/hr or more.



MARLEY FORCED-DRAFT COUNTERFLOW COOLING TOWER
Reduced power consumption, favorable space requirements, minimized recirculation effects, optimum operational behavior for salt water application and the aesthetic look are only some advantages of round concrete cooling towers with forced-draft fans.

Plume Abatement and Water Conservation

- Heavy industrial
- Chemical processing, refining
- Power generation





MARLEY® CLEARSKY® PLUME ABATEMENT

A fully integrated system that operates more reliably than coil-based systems. By using a series of PVC heat exchanger modules in the tower plenum, ambient air condenses much of the moisture before it exits the tower, thereby reducing the plume and conserving water. Available on new and existing Marley field-erected counterflow cooling towers.





MARLEY WET-DRY HYBRID COOLING TOWER

The wet-dry hybrid cooling tower offers efficient cold water temperatures with reduced visible plume and enhanced water conservation.

Marley OEM Parts

- Quality engineered
- Precision crafted
- Available for virtually any tower

We design, manufacture, and stock primary cooling components, including:

- Fans
- Gearboxes
- Driveshafts
- Belt drive components
- Fan cylinders
- Fill
- Nozzles
- Drift eliminators
- Valves
- Structural components

You can count on us for your cooling tower parts. We purchase and stock motors specially designed for cooling tower service. We are uniquely qualified to meet your repair or parts need on most cooling towers regardless of age or manufacturer.











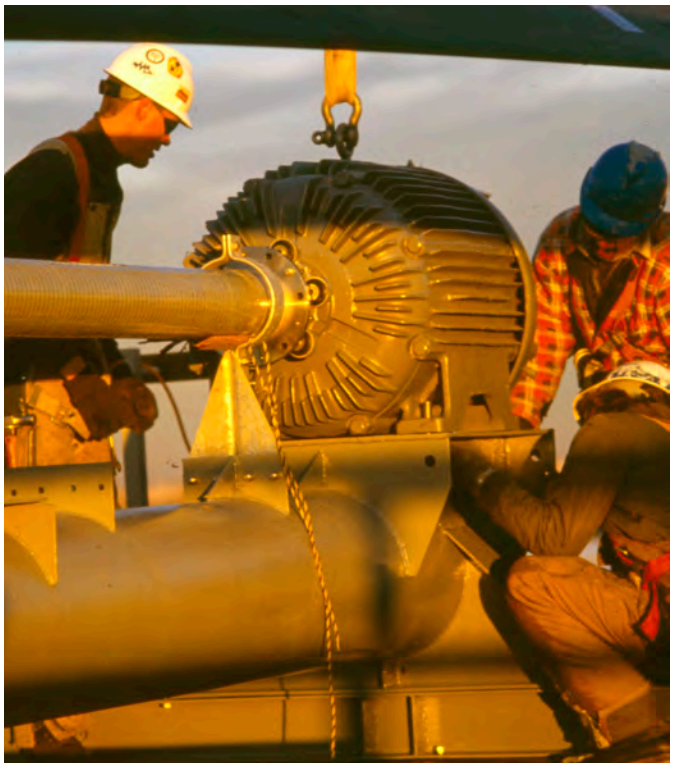
Reconstruction

- Repair and reconstruction
- Inspections and condition reports
- Performance testing
- Extended warranties

Let our reconstruction experts rebuild your cooling tower to enhance its performance, regardless of manufacturer, whether it's large or small, crossflow or counterflow.







COOLING TOWER RECONSTRUCTION

For many older towers, reconstruction is a cost-effective alternative to replacement. Our reconstruction experts work with our engineering staff to make old towers as good as new—if not better!

Services

CONCRETE TOWER REPAIR AND RECONSTRUCTION

Our skilled task force of engineering, production and construction specialists is ready to repair, upgrade and refurbish your concrete cooling tower, whether manufactured by Marley or others. Tap into our extensive concrete experience — extending from over 80 years to the very first concrete natural draft hyperbolic tower.

INSPECTIONS AND CONDITION REPORTS

Our reconstruction specialists have been trained to analyze the condition of your cooling equipment — and its capability to be successfully repaired, rebuilt or upgraded. Your SPX Cooling Technologies sales representative can arrange an inspection of your cooling system.

MAINTENANCE

Let our cooling system experts help your maintenance experts. We can contract with you to provide as much "hands-on" maintenance assistance as you need.

PERFORMANCE TESTING

You can't know how much any reconstruction effort has improved your tower unless you know how your tower is performing now. Our staff of testing and ratings engineers can help you to gain that vital information.

Regional Contacts

UK

SPX COOLING TECHNOLOGIES UK LTD.

Knightsbridge Park

Wainwright Road, Worcester UK

WR4 9FA

44 1905 750 270

ct.fap.emea@spx.com

UAE

SPX COOLING TECHNOLOGIES TRADING DMCC

Unit No: 1807

Platinum Tower, Plot No: JLT-PH1-I2

Jumeirah Lake Towers

Dubai, UAE

971 4 458 0634

ct.fap.emea@spx.com

uk_GEN-18A | ISSUED 4/2018

© 2006-2018 SPX COOLING TECHNOLOGIES, INC | ALL RIGHTS RESERVED

In the interest of technological progress, all products are subject to design and/or material change without notice.