DT fluid cooler

AERO-X™ COIL TECHNOLOGY • HIGHER DRY OPERATION FLEXIBILITY

MARLEY®

Higher Performance. Higher Dry Switchpoint.

An induced-draft, coil-only closed-circuit cooling tower, the Marley DT Fluid Cooler with Aero-X™ coil technology provides dry operation flexibility that fill/coil hybrid coolers cannot.

Aero-X™ Coil Technology Maximizes Thermal Capacity Per Footprint*

The lowest air-side pressure drop (up to 10% more airflow at the same fan hp) and highest nominal heat rejection capacity per footprint – benefits realized with the DT Fluid Cooler's Aero-X coil technology – provide opportunities to reduce equipment size and/or lower energy consumption, while maintaining the dry operation flexibility that coil-only closed-circuit coolers are known for.

Higher Dry Switch Point – Up To 10°F + Higher*

Whether the motivation for seasonal dry operation is to reduce site water usage, minimize water treatment costs or simplify operation in freezing conditions, higher dry switch point temperatures enable achievement of those objectives a larger portion of the year. With up to 10°F + higher dry switch point, the DT Fluid Cooler may enable up to 15-20% incremental annual hours in dry mode. Annual water savings per cooling ton of 3,000 gallons/ton and $40/ton are achievable in many areas, depending on climate conditions.

*nominal capacity vs. other bare tube *coil-only* fluid coolers

Lower Fluid Pressure Drop – Up To 30%

Reduced pumping energy requirements compared to the previous generation positively impact system operating cost and energy consumption.

Finned Coil Option
Now with Aero-X Coil Technology!

Optional Aero-X finned coil further enhances dry operation capability at higher ambient temperatures and boosts evaporative performance.

- Up to 20ºF higher dry bulb switch point*
- Up to 30% evaporative performance increase*

*vs similar bare-tube coil models

Value–Added Construction Details

MARLEY GEAREDUCER® DRIVE
Genuine Marley mechanical system offers low maintenance costs and reliable performance with 5-year warranty. Belt drive optional.

CLOG-RESISTANT SPRAY SYSTEM
Large orifice spray nozzles help prevent debris build-up and clogging.
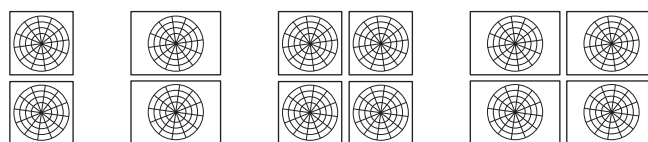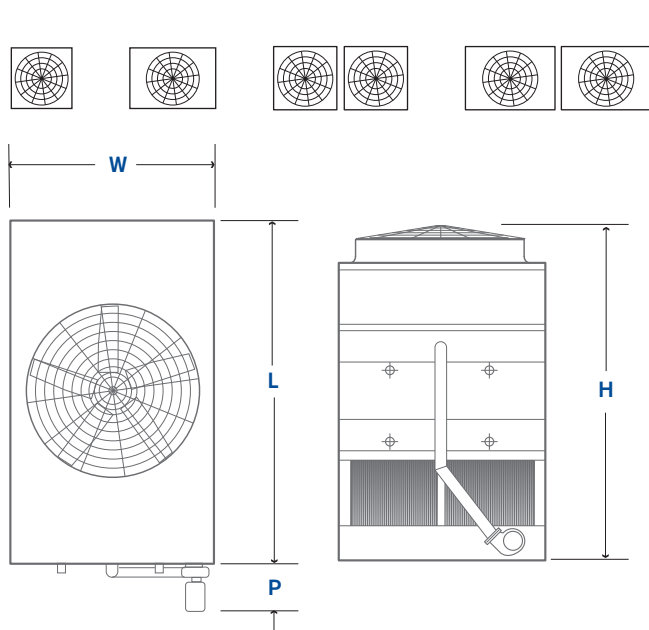
TRIPLE-PASS AIR INLET LOUVERS
Removable louvers incorporate three changes in direction to control splash out and sunlight exposure to limit algae growth.

Marley Reliability

Heavy-duty construction, galvanized and stainless steel material options, high-performance design and our five-year mechanical warranty ensure consistent cooling over a wide range of closed-circuit cooling applications.

Broad Product Selection

Choose from DT models in a wide range of sizes and layouts to meet your specific cooling requirements.

Models	L	W	P	H*
DTW8509	9'-0"	8'-6"	2'-0"	12'-5" – 16'-1"
DTW8512	12'-0"	8'-6"	2'-0"	12'-10" – 16'-6"
DTW1012	12'-1"	9'-11"	2'-2"	15'-4" – 18'-8"
DTW1212	12'-1"	11'-11"	2'-2"	16'-3" – 19'-8"
DTW1018	18'-2"	10'-0"	2'-2"	15'-4" – 18'-8"
DTW1218	18'-2"	12'-0"	2'-2"	16'-8" – 20'-0"

*Single cell heights shown, height increases for multiple cell models.

CTI CERTIFIED

U.S. GREEN BUILDING COUNCIL MEMBER

IS THE MARLEY DT RIGHT FOR YOUR APPLICATION?

COOLSPEC™
PRODUCT SELECTOR

Find out at
spxcooling.com/coolspec

ADDITIONAL DT FLUID COOLER INFORMATION

For further information about the DT Fluid Cooler – including engineering schematics, data, layout requirements and more – download at spxcooling.com.

Engineering Data and Specifications

OTHER SPX COOLING PRODUCTS

SPX Cooling offers a full line of industry leading products – with unmatched support and innovation designed to help you get the most out of your cooling process. Take a look at these and other cooling products at spxcooling.com.

Marley MH Fluid Cooler

Marley LW Fluid Cooler

Marley NC Cooling Tower

Marley WaterGard