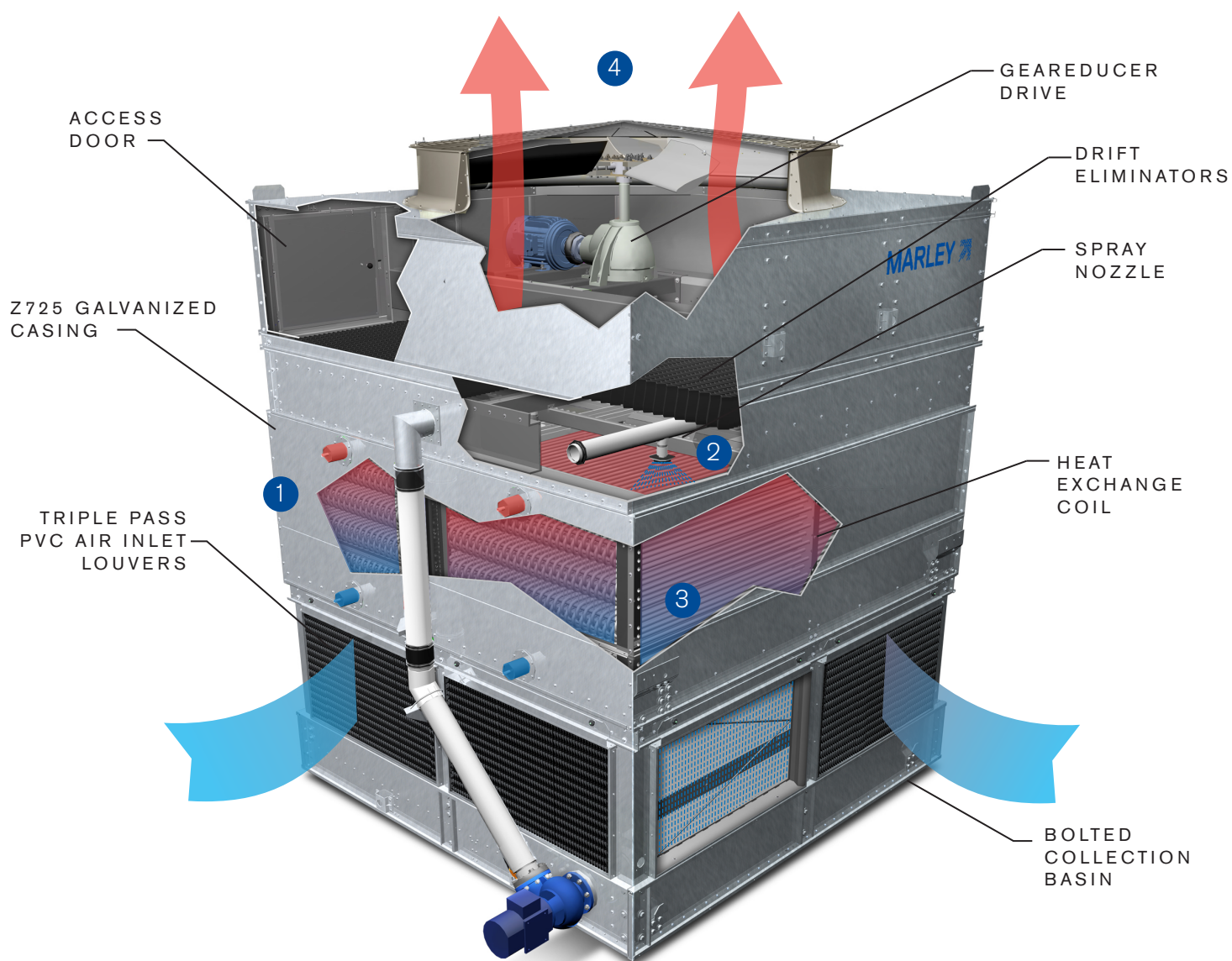


DT fluid cooler

MARLEY®



The Marley DT Fluid Cooler is an induced-draft counterflow fluid cooler. Its closed-circuit design keeps the process fluid in a clean closed loop. And it offers more dry operation flexibility than fill/coil hybrid coolers.

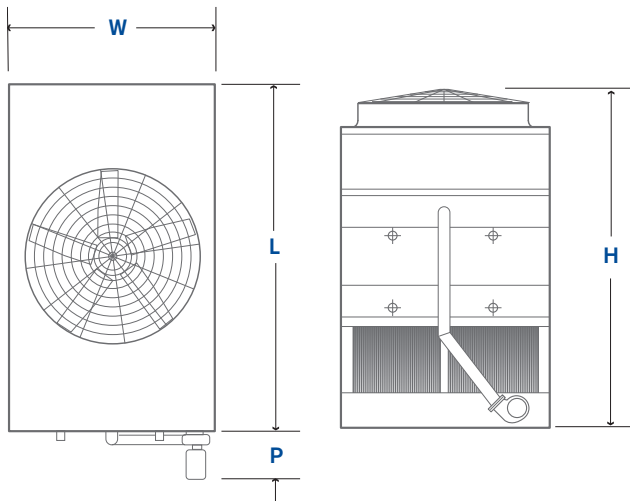


- 1 Process fluid is pumped internally through the coils
- 2 Recirculating water is pumped from the collection basin to the pressurized distribution system and is evenly distributed over the coils

- 3 Heat is transferred from the process fluid to the recirculating water as it flows over the outside of the coil tubes
- 4 Air induced through the fluid cooler evaporates a small portion of the recirculating water, rejecting heat to the atmosphere

Broad Product Selection

Choose from DT models in a wide range of footprints from 2.6m x 2.9m to 3.7m x 5.5m to meet your specific cooling requirements.



STRONG GALVANIZED STEEL CONSTRUCTION

The high-quality mechanical components and heat transfer coils are safely housed in heavy-duty galvanized steel to ensure corrosion protection, low maintenance and long life. Submerged areas are bolted or welded to minimize potential for leaks; tap screws are not used in submerged areas.

STAINLESS STEEL OPTIONS

When environmental and design conditions dictate, heavy gauge stainless steel water collection basin and other structural components may be specified.

HEAT EXCHANGE COILS

Standard heat transfer coils are bare tube coils with hot dip galvanized steel construction. Models with optional bare stainless steel coil or finned hot dip galvanized steel coil construction are available.

Finned coil models provide enhanced thermal performance and boost dry capacity, allowing dry operation at ambient temperatures up to 12° higher than with the bare tube coil.

TRIPLE-PASS AIR INLET LOUVERS

Removable louvers incorporate three changes in direction to control splashout and sunlight exposure to limit algae growth.

CLOG-RESISTANT WATER DISTRIBUTION SYSTEM

Self-draining spray headers and large orifice spray nozzles help prevent debris build-up and clogging. Self-draining spray headers limit potential ice buildup when not operational; spray nozzles mount to the bottom of the spray pipes.

Models	L	W	P	H*
DTW8509	2743	2591	610	3861 – 4547
DTW8512	3658	2591	610	3962 – 4648
DTW1012	3683	3023	660	4648 – 5334
DTW1212	3683	3632	660	4648 – 5334
DTW1018	5537	3048	660	4928 – 5613
DTW1218	5537	3658	660	5029 – 5715

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

SOUND REDUCTION

Quiet operation is increasingly an important part of product specifications which is why the DT Fluid Cooler uses low-sound fans as standard. Multiple fan and attenuation options are available to meet more stringent sound requirements.

MARLEY GEAREDUCER® DRIVE

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

HIGH EFFICIENCY AXIAL FAN

Adjustable pitch fan blades permit the maximum utilization of rated horsepower and optimal cooling performance.

EASY TO INSTALL AND MAINTAIN

DT fluid coolers facilitate installation and maintenance:

- Module connections require minimal fasteners
- Pre-assembled platform options have welded guardrails

MARLEY RELIABILITY

Heavy-duty construction, high-performance design and our five-year mechanical warranty ensure consistent cooling over a wide range of flow and temperature requirements.

Is the Marley DT Right for Your Application?

The best way to see if a DT Fluid Cooler suits your needs is to run a complimentary product match analysis of your specific installation or plans. You can do it yourself or contact your local Marley sales representative.

Find out at spxcooling.com/update

Enter the key specs you're working with and make your own product selection.



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 TECHNOLOGIES PRODUCTS

SPX Cooling Technologies 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



Recold JW Fluid Cooler



Marley NC Cooling Tower

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