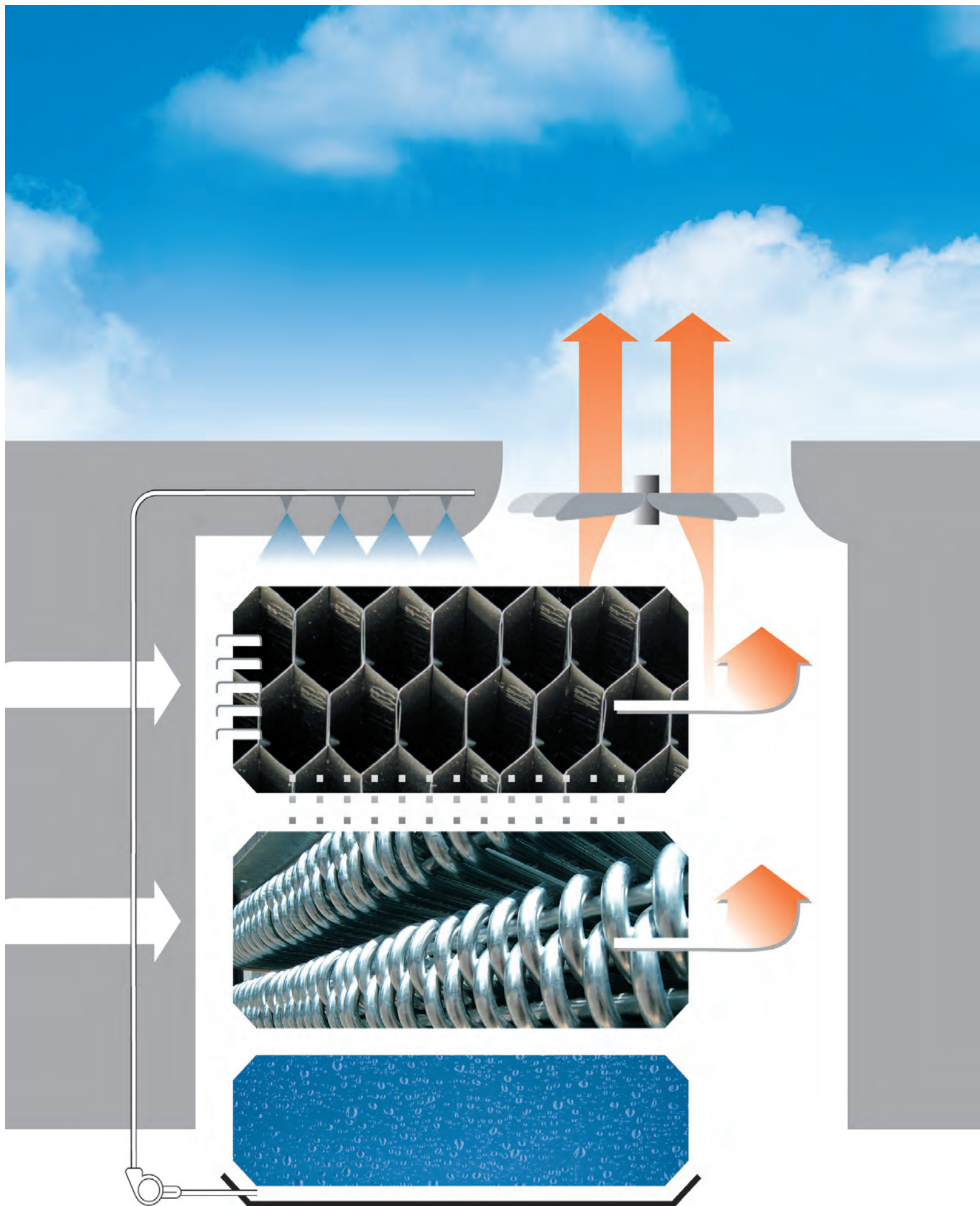


# MH fluid cooler

HYBRID DESIGN. HIGHER PERFORMANCE.

MARLEY® 

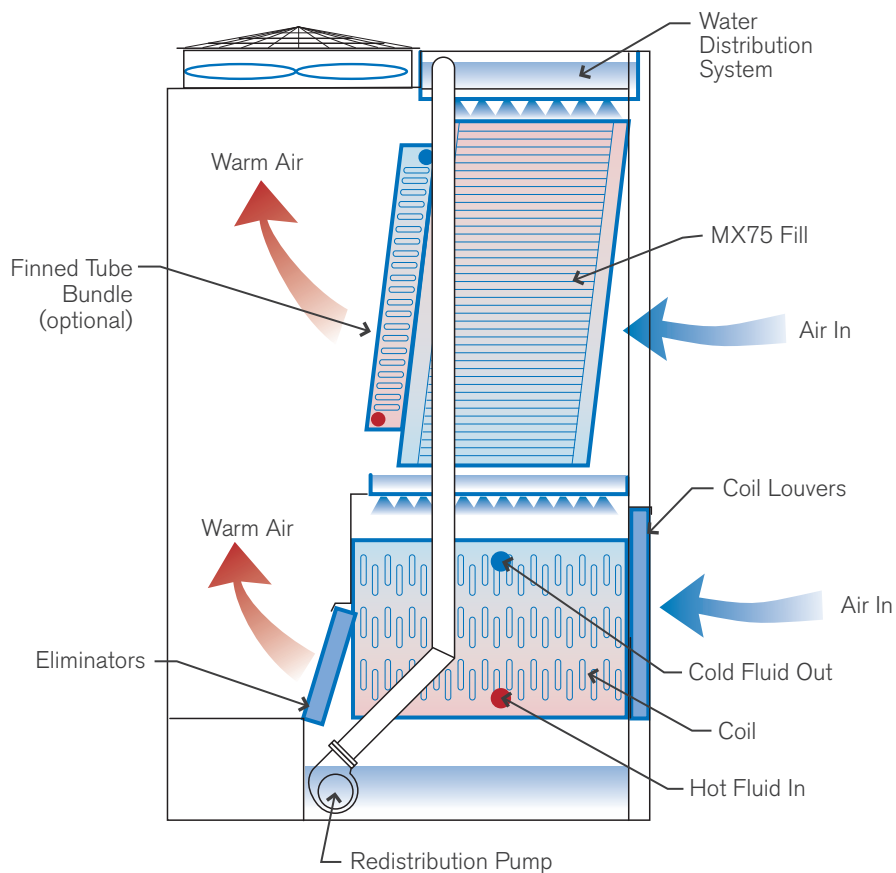






## Hybrid Design.

Utilizing a combination of evaporative fill media and prime surface coil(s), the MH Fluid Cooler offers significantly improved performance over conventional closed circuit coolers.



- Process fluid is pumped internally through the coil
- Heat is transferred from the process fluid to the recirculating water as it flows over the outside of the coil tubes
- The heated recirculating water is pumped from the collection basin to the gravity distribution basin
- Evenly distributed over the fill media and coil, a small portion of the recirculating water is evaporated, efficiently rejecting heat to the atmosphere

- Optimum fluid paths maximize heat transfer potential
- High efficiency components minimize footprint
- Evaporative fill media reduces the coil surface area required
- An optional finned coil can be selected to provide dry cooling capacity in cold ambient conditions



The Marley MH Fluid Cooler is one of the most energy efficient closed circuit systems on the market and a great choice for closed loop Industrial and HVAC applications.

#### **Maximum Efficiency**

Hybrid design and high efficiency components deliver consistent, reliable cooling with low input power.

#### **Space Saving Footprint**

With higher capacity per footprint than conventional closed circuit designs, the MH Fluid cooler is a great fit for applications with space restrictions.

#### **Unmatched Reliability**

Heavy duty construction backed by our 5-year mechanical warranty helps keep your process running smoothly year after year.

#### **Certified Performance**

Thermal capacities of standard models are independently certified by the Cooling Technology Institute for performance with water, ethylene glycol solutions and propylene glycol solutions.

#### **Low Sound Operation**

Equipped with low-sound fans as standard, the MH Fluid Cooler is suitable for most noise sensitive situations. Multiple fan and attenuation options are available to meet more stringent sound requirements.

#### **Copper Coil Option**

Select models are now available with copper coils offering superior corrosion resistance, improved heat transfer, reduced operating weight and numerous other benefits. CTI Certified.

#### **Optional Dry Capability**

Models available with an optional extended-surface coil for part-load dry operation in cold ambient conditions.

- Protect process fluids from contamination
- Combine the functionality of a cooling tower and heat exchanger in one piece of equipment
- Maximize system efficiency by reducing fouling and scaling tendencies
- Reduce system energy and maintenance costs
- Conserve valuable space in equipment rooms
- Provide reliable, efficient, year-round operation

**MARLEY®** 

# Higher Performance.



## COOLBOOST TECHNOLOGY

- Utilizes high-efficiency components and optimum fluid paths to boost cooling dramatically when compared to forced-draft units with comparable footprint
- Requires up to 35% less process fluid to fill the coil
- Weight is reduced by 15% or more



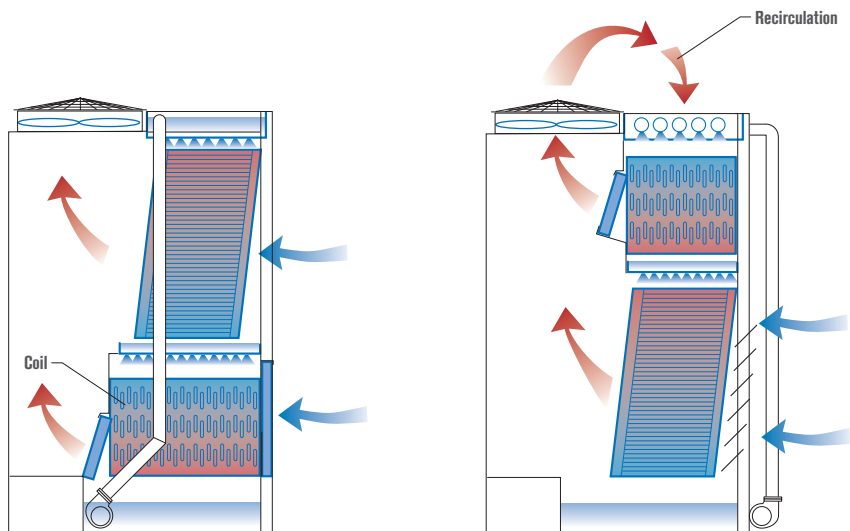
## COIL MATERIAL OPTIONS

Coil materials to suit a variety of application needs including:

- Hot dip galvanized steel
- Copper
- Series 300 stainless steel

## STRATEGIC COIL LOCATION

- Less risk of hot discharge air recirculation
- Easier to access and clean



Marley MH Fluid Cooler

Other Leading Fluid Cooler

# Maximum Efficiency.



## NEED EFFICIENT CLOSED-LOOP COOLING?

The MH Fluid cooler provides just that, with unit capacities exceeding ASHRAE Standard 90.1 energy efficiency requirements.

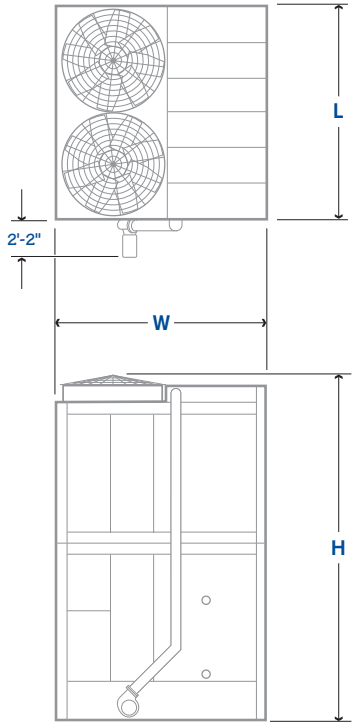
Find the right tower for your application at [spxcooling.com/update](http://spxcooling.com/update)



### Single-Flow Models

Models	Tons*	L	W	H
MHF7101	31 – 80	6'-1"	8'-4"	12'-11" – 14'-5"
MHF7103	71 – 141	9'-1"	8'-4"	14'-7" – 17'-5"
MHF7105	92 – 201	12'-1"	8'-4"	14'-7" – 17'-5"
MHF7107	148 – 309	12'-1"	11'-11"	17'-5" – 20'-3"
MHF7109	234 – 351	18'-1"	11'-11"	17'-5" – 19'-0"

\* Based on 3 gpm/ton at 95°F Hot Water, 85°F Cold Water, 78°F Wet-Bulb. Varies depending on configuration.



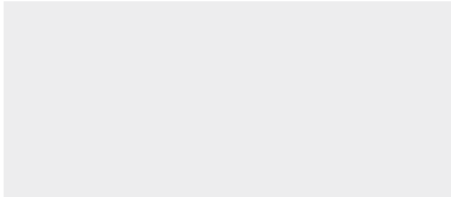
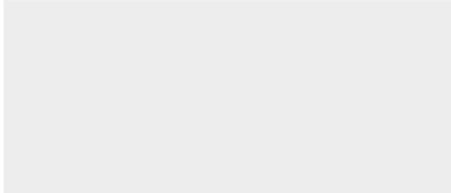
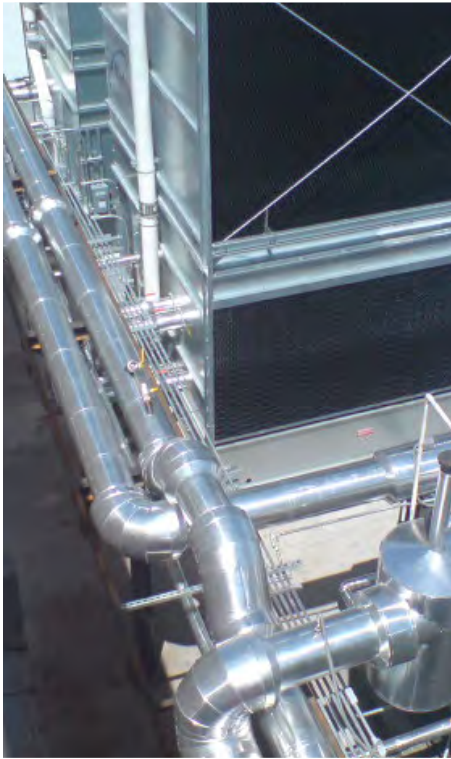
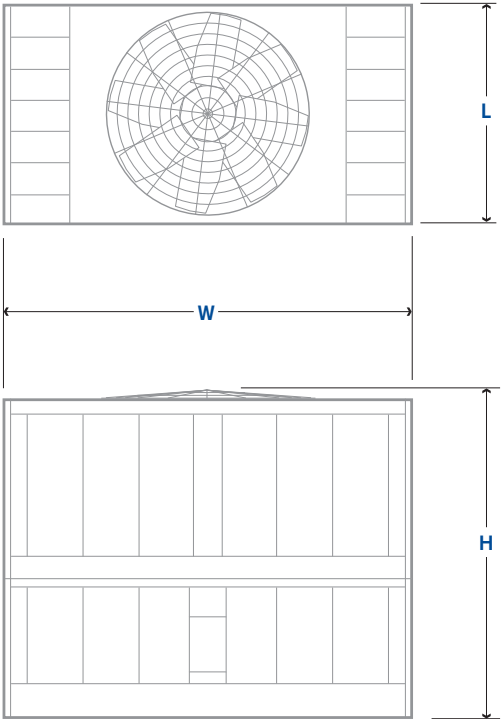


# Maximum Marley.

## Double-Flow Models

Models	Tons*	L	W	H
MHF7111	310 – 528	11'-11"	23'-10"	21'-6"
MHF7113	410 – 628	13'-11"	25'-10"	21'-6"

\* Based on 3 gpm/ton at 95°F Hot Water, 85°F Cold Water, 78°F Wet-Bulb. Varies depending on configuration.



## ADDITIONAL MH FLUID COOLER PUBLICATIONS

For further information about the MH Fluid Cooler – including engineering schematics, data, layout requirements and more – download these MH fluid cooler publications and others at [spxcooling.com](http://spxcooling.com).



Engineering Data and Specifications



IOM Manual

## 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 other products at [spxcooling.com](http://spxcooling.com).



Marley NC Cooling Tower



Marley MD Cooling Tower



Recold JW Fluid Cooler



Marley MC Fluid Cooler

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