

Overview

The Marley MH Fluid Cooler provides high-efficiency cooling while keeping process fluids in a clean, closed loop.

Primary Benefits

Why a Fluid Cooler?

- Fluid Coolers reduce installation time and offer reduced fouling potential compared to heat exchanger/cooling tower systems

Why a Marley MH Fluid Cooler?

- CoolBoost® Technology reduces energy costs up to 75% compared to forced-draft units
- Strategic coil location

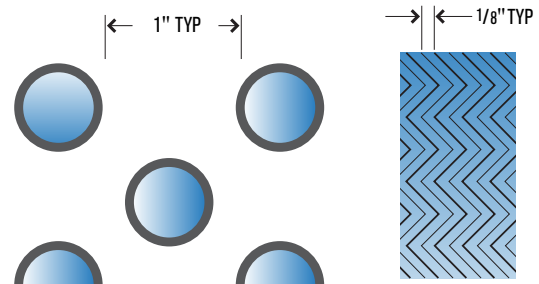
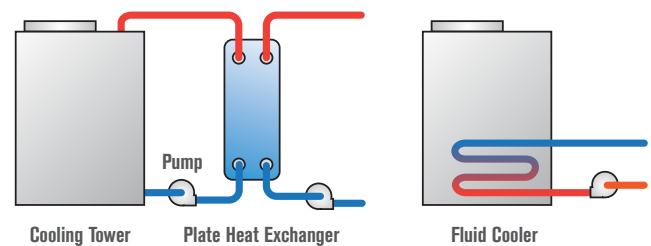
Benefit Detail

Why a Fluid Cooler?

- One third of the components, reducing installation time
- A coil provides eight times the free space which reduces fouling, improving process efficiency
- Certified performance is achievable at colder fluid temperatures for a given wet bulb

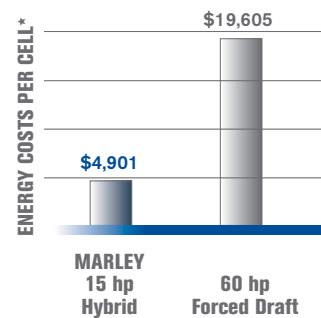
Why a Marley MH Fluid Cooler? – CoolBoost:

- Utilizes high-efficiency components and optimum fluid paths to boost cooling dramatically when compared to forced-draft units with comparable footprint
- Up to 75% less fan energy cost
- Requires up to 35% less process fluid to fill the coil
- Weight is reduced by 15% or more



Fluid Cooler Coil

Plate Heat Exchanger



* assumes nameplate motor horsepower for a 195 ton, 12' x 12' fluid cooler— \$0.10/kWh and 50% annual usage

more

Benefit Detail

Why a Marley MH Fluid Cooler? – Strategic Coil Location:

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

Common Applications

HVAC

- Water-source heat pumps
- Chillers
- Free cooling (cold weather application)

Industrial

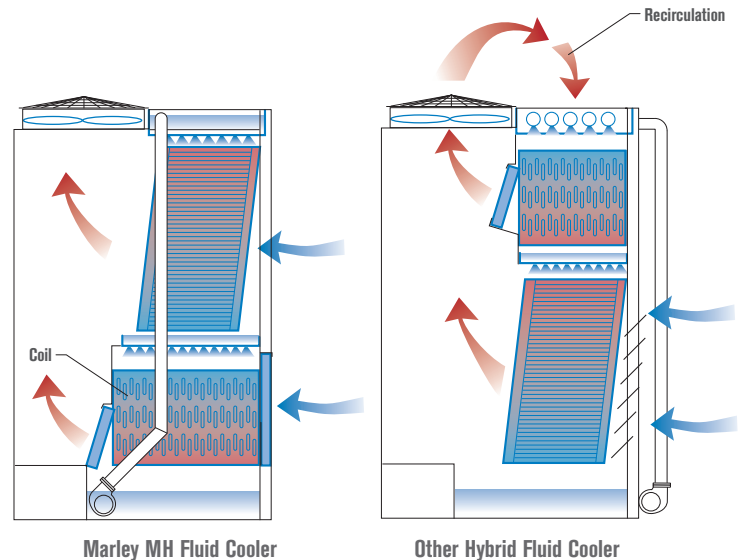
- Compressor jacket cooling
- Machine jacket cooling
- Cooling special fluids

Power Generation

- Auxiliary cooling

Capacity Range

79 to 628 tons per cell



Technical Features

- Easily consolidates multiple loads
- Compatible with numerous process fluids (water, water/glycol, oil, other fluids)
- High-efficiency components
- Part-load dry operation option
- Low sound operation
- Multiple access and maintenance options
- Multiple corrosion resistance options
- Factory assembled / modular construction
- 200+ models in six footprints, optimized to suit a wide range of heat rejection duties
- CTI Certified / SPX guaranteed

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