

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

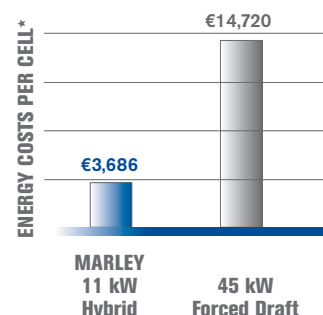
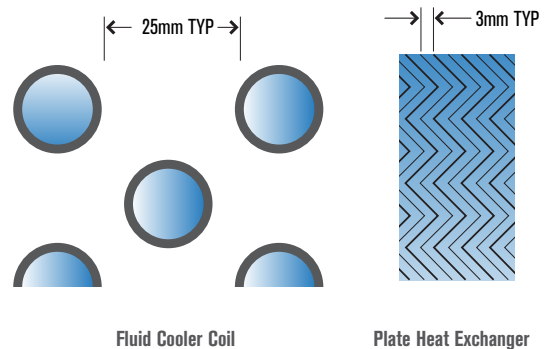
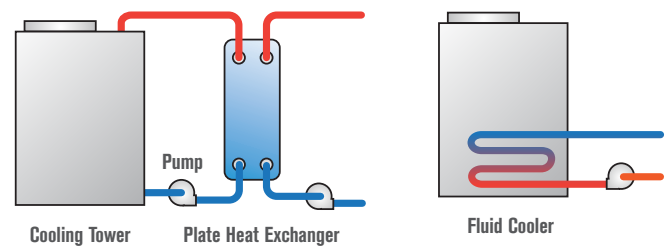
Benefit Detail

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



* assumes nameplate motor kW for a 857 kW nominal capacity, 3.6m x 3.6m fluid cooler – €0.08/kWh and 50% annual usage

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

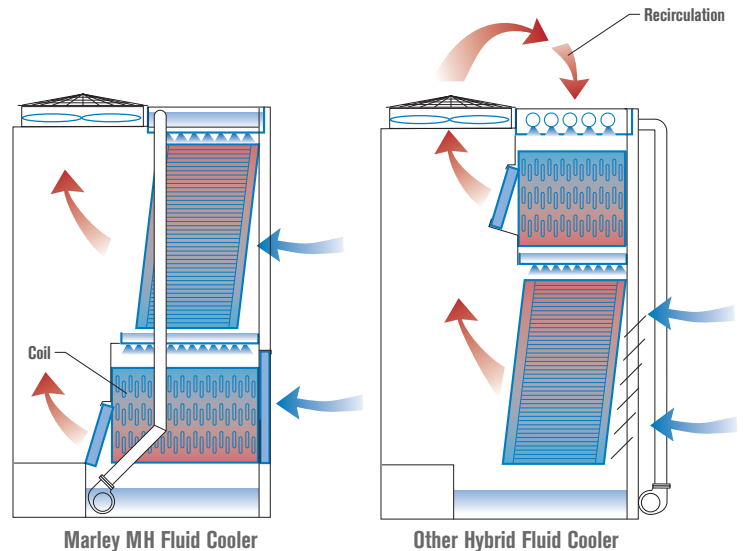
- Compressor jacket cooling
- Machine jacket cooling
- Cooling special fluids

Power Generation

- Auxiliary cooling

Capacity Range

347 to 2761 kW 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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