

9 Resolve problems with water quality

Resource
consumption cut

Productivity UP

Piping And Heat Exchangers

Added Value UP

Molding efficiency declines as scale and corrosion build in cooling pipes. Water quality issues are solved through the use of an air-cooled chiller.

Air Cooled Chiller System (Chiller)

Overview

Filling the water tank inside the chiller and the impurities that accumulate are cleared up by closed circulation, and prevents water quality issues. There are no issues of scale adhesion to heat exchangers by air-cooled systems. The heat exchanger is maintenance free due to the connection of the primary side of the chiller is not required.

- Scale in the plumbing, Rust



[MCCA3]



Features

- Because the coolant connection of the primary side is unnecessary, a heat exchanger becomes the maintenance-free.
- Energy savings are realized by inverter control of compressor.
- Small foot print is required for the closed-type compressor.
- Keeps a stable flow rate for mold cooling by large flow, high-pressure pumps.

