

Industrial Air-Cooled Water Chiller for Plastic Processing

This air-cooled chiller enhances the surface quality of plastic products and facilitates their demolding. It accelerates product finalization, significantly improving the production efficiency of plastic molding machines.



ADDITIONAL IMAGES



Overview

Industrial Precision Cooling

This industrial air-cooled water chiller is engineered to enhance production efficiency in plastic molding, extrusion, and other manufacturing processes. By providing stable and precise temperature control, it improves surface finish, facilitates easier demolding, and accelerates product finalization. The system is designed for reliability, featuring robust construction, energy-efficient components, and intuitive microcomputer controls for continuous, safe operation.

Performance & Control

PRODUCTS DESCRIPTION

INDUSTRIAL CHILLER
AIR-COOLED CHILLER LP-LFXHP-LK



The control panel features an emergency stop button and clear gauges for safe and precise operation.

Temperature Control Range	3°C to 50°C
Temperature Accuracy	±1°C
Control System	P.I.D. Microcomputer full-function control

Design & Construction

FEATURES:

- 1 New well-known brand compressor, super cooling, silent and power saving.
- 2 P.I.D. Microcomputer full-function control, easy to operate, can control the water temperature within 3C to 50°C Unique newly designed stainless steel open water tank, convenient and quick to clean and repair.
- 3 Internal pipeline layout is reasonable, effectively reducing energy.

The system utilizes P.I.D. microcomputer control for precise temperature management and features a stainless steel open tank for easy maintenance.

Key Design Features

Compact design, Stainless steel open water tank, Mobile on wheels, Optimized internal pipeline layout

Cooling Fan

External rotor axial fan

Maintenance & Safety



Engineered with energy-saving components and a high-efficiency external rotor axial fan for reliable, long-term performance.

Safety Mechanisms

- Multiple protection devices
- Emergency stop button
- Easy-access internal parts for replacement
- Quick-clean water tank design

Applications

Suitable Industries

Injection Molding • Food Processing • Pharmaceutical • Chemical