

Industrial Water Chiller for Cooling Applications

This industrial water chiller is designed for cooling applications in various industrial processes. It utilizes a stainless steel thick thermal insulation water tank and a water-cooled shell and tube condenser for efficient heat dissipation.



Overview

Industrial Cooling Performance

This industrial water-cooled chiller is engineered to deliver stable and efficient cooling for a wide range of manufacturing applications, including plastic processing, CNC machining, and laser systems. Featuring a robust shell and tube heat exchanger design and advanced microcomputer control, it ensures precise temperature management between +5°C and +35°C. Its parallel compressor configuration maximizes energy efficiency and reliability, making it an ideal choice for continuous, heavy-duty industrial operations.

Technical Specifications

Temperature Control Range	+5°C ~ +35°C
Refrigerant	R22
Controller Type	GW511A Microcomputer

Key Features

Design Highlights

- Stainless steel thermal insulation water tank
- Water-cooled shell and tube condenser
- Parallel compressor configuration for redundancy
- Mounted on casters for mobility
- Durable enclosure with ventilation slots

Safety & Protection Systems

Compressor Overload Protection, Circulating Pump Overload Protection, High/Low Voltage Switch Control, Drying Filter, Expansion Valve

Applications

Suitable Industries

Plastic Processing • CNC Machining • Laser Systems • Electroplating • Pharmaceuticals • Food Preservation