



Key features

- Power Rating 1 – 2 kW
- Heat Pump Type Water-to-water
- Compressor Type Scroll or reciprocating
- Heat Exchanger Type Shell-and-tube
- Refrigerant R-134a or R-410A
- Water Flow Rate 10 – 30 L/min (depending on temperature and pressure)
- Water Inlet/Outlet Temp. 5 – 50°C (adjustable)
- System Control Simple electronic thermostat or PID control
- Screen Monitoring 7-10 inch screen with basic monitoring of temperature and status
- Operating Environment - Indoor, laboratory use, ambient temperature range 15-30°C
- Power Supply 220V ± 10%, 50/60Hz (single-phase)
- Size (L x W x H) Approx. 50 x 40 x 70 cm
- Weight 50 – 70 kg
- Noise Level < 60 dB (quiet operation suitable for lab environments)
- Maintenance Requirements
- Regular cleaning of heat exchanger, occasional refrigerant checks
- Features - Simple temperature control – No data logging or IoT integration

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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