



Key features

- Evaporator Finned tube type, air-cooled; visible design; with transparent viewing panel
- Compressor Hermetically sealed; 0.5 to 1 HP; scroll or rotary type; with pressure gauges
- Condenser Air-cooled; finned tube type; integrated fan system
- Expansion Valve Manually adjustable thermostatic expansion valve
- Pre-Heater (Before Evaporator)
- Finned electrical air heater, 500W–1000W, adjustable with temperature monitoring
- After-Heater (AfterEvaporator)
- Finned electrical air heater, 500W–1000W, adjustable
- Temperature Sensors Dry bulb & wet bulb thermometers (digital & analog), placed at all key locations
- Humidity Measurement - Digital hygrometer at inlet and outlet air paths
- Air Flow Measurement - Pitot tube or vane anemometer with digital display
- Pressure Measurement - High- and low-pressure gauges (manifold-type)
- Refrigerant Type R134a or eco-friendly R1234yf (non-flammable, lab-safe)
- Observation Windows - Transparent plexiglass casing on evaporator & key components
- Screen Monitoring 7"–10" digital display with real-time readout of temp, humidity, pressure, airflow
- Frame & Construction - Powder-coated steel frame with caster wheels, safety corners
- Power Supply 220–240V, 50/60Hz, single-phase
- Safety Features Over-temp cut-off, pressure relief valve, emergency stop

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



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