



Features:

- Portable
- Mobile & Compact
- Energy & Power efficient
- Sturdy design
- Variable speed in-line fan.
- Heater facility

Specifications:

System capacity: 0.5 – 1TR
Hermetic Compressor: 0.5 - 1 kW
Refrigerant: R134
Fan coil air flow rate: 250 M3/hr approx.

Component List:

- Main Structure: Base stand.
- Air conditioner consist of
 - Hermetically sealed Compressor
 - Air cooled Condenser: Fin & Tube type, Forced Drought
 - Expansion device (capillary & thermostatic expansion valve)
 - Evaporator
 - Pre-heater
- Control room (Chamber) of size 39"X 32" X 32" having two separates ducts for suction of Fresh air and discharge of conditioned air.
- Instruments in control chamber:
 - Electrical Air heater
 - Wet and dry bulb thermometer.
- Control Panel consisting of following Instruments/Items:

- Temperature indicator
- Pt 100 sensor (pencil type & bulb type.)
- Ammeter
- Voltmeter
- Drier & filter
- Refrigerant
- Mains switch
- Compressor ON/OFF D.P. switch
- Heater dimmer
- H.P LP cut out
- Pressure gauge
- Rotameter

Operating & Instruction Manual:

A complete operation & instruction manual is provided along with system. It includes theory, operating & installation instruction.

Services Required at site:

- Single phase supply with proper earthing

Note: Specifications are subject to change.

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