

## Specification

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Material Code      Description

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792813012000      2500 CFM AIR DRIER FOR OLD COMPRSR HOUSE      Qty :      1 SET

Technical Specifications - For Refrigerated Air Dryer 2500 CFM

- 1)System : Refrigerated Air Dryer
  - 2)Type : Air Cooled
  - 3)Capacity : 2500 Cfm
  - 4)Operating Pressure : 6-8 Kg/Cm2
  - 5)Max.Working Pressure : 10 Kg/Cm2
  - 6)Max.Inlet Air Temp. : 50 Deg. C
  - 7)Max.Ambient Temp. : 45 Deg. C
  - 8)Air In/Out Connections : 5 " Flanged
  - 9)Pressure Dew Point : 3- 5 Deg C
  - 10)Refrigerant : R-407c/R-134a/R-410a
  - 11)Compressor : Hermitically Sealed Scroll
  - 12)Condensor Type : Air Cooled(Copper Tubes And Aluminium Fins)
  - 13)Auto Drain Valve : Timer Operated , Solenoid Type
  - 14)Heat Exchanger(Air To Air) : Shell And Tube Heat Exchanger/ Phe
  - 15)Evaporator : Shell & Tube/ Phe
  - 16)Primary Filter : 5 Micron (0.1 Mg / M3)
  - 17) Display : Due Point Indicator
  - 18) Oil Filter : Submicron Filter 0.01 micron /oil filter
  - 19)Safety Interlocks/Electrical Control System
    - a. Digital Temperature Display & Control
    - b. Low Pressure Gauge
    - c. High Pressure Gauge
    - d. Single Phase Preventer(SPP)Trip
    - e. Low and High Temperature alarm
    - f. LP/HP Trip/Switch
    - g. Pressure Switch
    - h. Refrigeration Compressor and Fan status
    - i. Compressor Overload Relay(OLR)
  - 20) Power Supply : 440 V / 3Ph / 50 HZ
  - 21) Controller : Digital HMI Display Controller
  - 22)Guarantee : 1 year from the date of receipt and acceptance
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