

ARMEC COOLING SYSTEM LIMITED

Freon Screw Chillers



- We manufacture and supply wide range of Freon based Screw Chillers, with Water Cooled and Air Cooled with variety of (Low / Medium) temperature range up to (-) 40 Deg C.
- We provide varied range and makes of **Screw Compressors** with Single and Twin Screw arrangements and with required fittings.
- We Provide Screw Chillers with Environment Friendly and HFC Free Refrigerants like Freon R134a, R407c, R507A, R404a.
- Selection of Excellent and first grade Raw material and fittings, and Experienced, Excellent and Quality workmanship is the key to guaranteeing Screw Chiller **Quality**.



Characteristics

- ✓ Full Product Range Suitable for Low Temperature and Medium Temperature Applications
- ✓ High Performance Compressors manufactured by specialized manufacturer like (JE HALL, BITZER, REFCOMP, FUSHENG, etc.), is adopted to ensure that the Chiller is Economical and durable.
- ✓ Precise Capacity Control 3 Steps/ 4 Steps or Continuous – Step less Capacity Control System. Both the Capacity Control System consists of Modulation Slide Valve, piston rod, cylinder and piston rings.
- ✓ Advanced control algorithm is adopted to control chiller in advance and hence avoid frequent stoppage.
- ✓ High Efficiency, Energy Saving & Low Operating Cost.
- ✓ Wide Operating Range.
- ✓ Automatic PLC Control.
- ✓ Robust and Simplified Structure, high reliability.
- ✓ Top Level Efficiency, Energy Efficient Performance and Long Lasting Reliability.
- ✓ Maximum Accessibility and Total Connectivity.
- ✓ Air Cooled and Water Cooled Options.
- ✓ **High Energy Efficiency** Variation in the Load of the Plant, whether seasonal or Daily, mean that the Chiller functions mainly with partial loads. The high number of capacity Steps available, the capacity to supply a load that meets the needs of the Chiller with less power absorption and the optimization of performance with partial loads distinctive features of these chillers, allow attainment of the high level of EER energy efficiency.
High Energy efficiency means more respect for the environment and more cost savings. Conforming to ASME, TEMA Standards.