



30GTC

Air-Cooled Reciprocating Chiller

Range : 30-110 TR

The chillers of information
Technology age put you in
control of your budget

Features

Motor Control Centre

- Tropicalised for India weather conditions from deserts to rain forests
- Weatherproof double enclosures
- Built-in-safety separate power and control sections
- 20 kA Breaking Capacity magnetic trip, ambient compensated current calibrated Circuit Breakers
- Incoming power monitor with protection against under voltage, over voltage, phase reversal, phase imbalance and single phasing
- Ground leakage current protection on compressor
- Constant voltage to control through a CVT Circuit breakers for all motors no fuses (ensure short circuit and overload protection) and saves service time

Safeties

- High-pressure cut-out
- Low-pressure cut-out
- Oil pressure switch
- Cooler freeze protection
- High discharge gas temperature cutout
- Earth fault protection for compressors
- Protection against erratic power supply
- Protection against short circuit & overload

Compressor

- Carrier's world renowned & reliable 06E semi-hermetic, field serviceable compressor equipped with automatically reverse oil pump
- Compressors internally lubricated with low foaming oil



- Industrial grade compressors operate at full capacity up to 52° C (125° F) ambient temperature

Air Cooled Condensers

- Carrier patented internally enhanced copper tubes for high heat transfer efficiency
- Double sine wave Aluminium fins
- Heat Exchangers designed on carrier Integrated Product Design Software in USA for best efficiency

Coolers

- Internally Enhanced Carrier patented Copper tubes designed for 20 kg/cm² water side pressure
- Factory insulated with closed cell, CFC-free, Elastomeric nitrile rubber insulation with low thermal conductivity and superior resistance to water vapour transmission