



POWERWIN - HVACR DIVISION

POWER WIN

Developing & Nurturing Resources...



Powerwin- HVACR Division

Our HVACR technocrats are having more than 2 decade hands on experience on Project Execution, commissioning & Trouble shooting of HVACR plants. We are a total solution provider of MEP, some of our core strength.

Project Execution & Commissioned of Air cooled & Water cooled Chillers

- ❖ Erected, more than 1000+ chillers ranging from 50 TR to 500 TR in different locations.
- ❖ Commissioned different Brand chillers.
- ❖ Executed low side equipment like AHU, FCU, Piping & Electrical etc.
- ❖ Erected Low side Ducting and air distribution more than 10 lack sqft.
- ❖ Executed the project of interconnecting different brand chillers of capacity 2000TR.

Trouble shooting of Screw & Centrifugal chillers of Any Brand

- ❖ PMS of chiller packages to reduce the down time of the chiller.
- ❖ De. Scaling of the water cooled condensers with safe chemicals.
- ❖ Periodic Energy Audit to improve the system efficiency.
- ❖ Air balancing and uniform air distribution.
- ❖ Maintain log book to monitor the chiller package.
- ❖ AMC & CAMC of total chiller packages (brand is neutral).

Retrofitting of Existing chillers like

- ❖ Changing of Compressors from Reciprocating to Screw.
- ❖ Incorporating De-super heater to generate hot water.
- ❖ Up grading of Microprocessor controllers.
- ❖ Incorporation of BMS connectivity.
- ❖ Changing of Damaged vessels with onsite solutions.
- ❖ Acoustic enclose to reduce the dB level of Package, with minimum modifications.
- ❖ Conversion of HCFC gas to HFC gas and upgrade the system.
- ❖ Changing of insulation material from Polyurethane to Nitrile Rubber form for reduce the energy loss.
- ❖ Incorporate electrical starters from DOL to SOFT or VFD etc.
- ❖ Incorporate adiabatic cooling to air cooled chillers to reduce the energy Consumption.

Developing & Nurturing Resources...