

IMI-AC-Performance: Intelligent method to increasing air conditioner performance

ABSTRACT

The invention " IMI-AC-Performance " A method and apparatus for increasing air conditioner efficiency, performance comprising means and method to cool the high temperature high pressure gas output of the air conditioning unit compressor pump at or before the unit condenser utilizing water which has been pre-treated to retain particulate matter dissolved and suspended therein in order that scale not be formed upon the high pressure tubing and fins of the condenser. As a result "IMI-AC-Performance" of the cooling, the air conditioning unit operates with increased efficiency and reduced compressor head pressures for longer life. Additionally, means and method are provided for controllably regulating the flow of the cooling water and spray to protect the compressor from damage as a result of the increased efficiency and also manage the temperature, pressure, equipment life, electricity cost reduce, maintenance etc. can protect.