



EMAIR

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SMART COOLING

Suitable for new or retrofit installations
 Increases system energy efficiency and chiller capacity improving COP / EER values
 Systems are purpose designed to suit installation and climatic conditions
 Can be retrofitted on site to most types and configurations of chillers
 Uses adiabatic principle to lower inlet air temperature to chiller condensing sections
 Functional when external temperature exceeds 24 degrees C and when relative humidity levels are below 60%
 All components specifically designed and suitable for high humidity environments
 Improves chiller maintenance and life span
 System has the added advantage of simultaneously protecting condensing coils from debris and extreme weather conditions

System comprises of the following components

- Main pump and water reticulation housing
- 2 stage inlet primary water filters
- Electro magnetic water descaling system
- UV light for prevention of legionella bacteria and other water borne diseases
- High pressure pump
- Stainless steel water distribution system
- Stainless steel atomising nozzles
- Valves and fittings
- Integrated microprocessor control
- Reflective membrane facilitating and improving evaporation of water
- Drainage system for unevaporated water
- Recycling system for reuse of unevaporated water including filtration and make up tanks



