



Energy Efficiency

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The factor on airconditioning systems for control cabinets:

- Cooling-system motors regulated by inverter technology
- Integrate Heat pipe integrate for passive cooling







 Seasonal Energy Efficiency Ratio (SEER): reflects the annual temperature variation

Efficiency ratings were based solely on the EER ratio. However, this is always given at an exact hall temperature of 35° C, which does not necessary reflect the reality.

SEER is calculated from the sum total of the individual static EER at the percentile frequency over the year







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 Calculate your energy saving with the new Efficiency Calculator online







- PID control for more accuracy.
- Three control modes (three temperature sensors).
- Efficiency on control management with coolingdrive thermal management for longer life cycle of the units.





- Efficiency on control management with a touch display or other connetions
- Quick parametrization, data reading and messaging of the system (multilingual display)
- Smartphone App for a fast exchange of informations with NFC technology









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Efficiency by using chilled water:

Water chiller + Air/Water heat exchanger

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Advantages using water:

- Unique cooling medium to cool more utilities
- Easy distribution of energy
- Optimum energetic storage (in order to face pick loads)
- Easy upgrade of the cooling power: modularity of open systems
- Inverter systems or freecooling to manage high levels of heat power



How better control can improve efficiency:

- Monitoring and parametrization system for chiller – service tool: compressor, pump and fans
- Phases Check

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- Temperature control
- Remote management of maintenance
- → Better chiller efficiency



Micro-Controller-Box Übersichtsseite

