



# Optimise the energy efficiency of your equipment

With variable speed drives on fans and control upgrade

## Your proactive approach to energy optimisation

Our Variable Speed Drives on fans and control upgrade ensure energy efficiency optimisation, and equipment sustainability. This solution is applicable to both scroll and screw air-cooled chillers.



- PHASE 1:** Replace all machine fan motors.
- PHASE 2:** Installation of variable speed drives on these motors.
- PHASE 3:** Complete replacement of the control system and display.

Upgrading the control to the latest generation allows the condensation setpoint to be lowered, thus reducing the power consumption of the unit. This phenomenon is optimised by adding VFDs to the fans.

## Keys Benefits



**OPTIMISED ENERGY EFFICIENCY**  
In low and medium charge



**COOLING CAPACITY**  
Maintained up to 40°C outside temperature



**EQUIPMENT SUSTAINABILITY & PREVENTED OBSOLESCENCE**



**IMPROVED SOUND LEVEL**



**STATE OF THE ART SOLUTION** With the latest generation control solution



Our team of Carrier experts can help you by conducting a preliminary study to determine performance improvement, carbon optimisation and return on investment. Trust us to give you confidence to implement a VFD upgrade to significantly improve your current and future energy picture.

**Benefit from:**

- 2 Year parts & labour warranty, as long as an agreed maintenance contract is in place for the duration of the contract.
- Contributes to 'Carbon Reduction' reduction targets for building owners.

[Reach out to your local Carrier representative for more information.](#)

Visit [carrier.com](https://www.carrier.com) to learn more

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