



Optimise your chiller operations with VFD upgrading

Introduction

Suboptimal chiller operation leads to energy inefficiencies and increased operating costs. Carrier Commercial Service offers effective solutions to improve chiller component efficiency by offering **Variable Frequency Drive (VFD)** upgrades for fixed-speed chillers. Make a positive impact on your bottom line today.



How It Works

A Variable Frequency Drive is an electric motor controller used to control the rotation speed of an alternating current (AC) electric motor by adjusting the frequency of the electrical power supplied to the motor.

This results in a corresponding frequency and voltage change in the motor's speed and torque output. By managing the magnetic flux of a motor, it enables improved speed control for ramping up a motor for **a smooth startup** and prevents a heavy load from straining the motor on startup with **a lower inrush current**.

Keys Benefits



OPTIMISED
EFFICIENCY



INCREASED
ENERGY SAVINGS



ENHANCED EQUIPMENT
PERFORMANCE



REDUCED INRUSH
CURRENT



EQUIPMENT LIFE EXTENSION
WITH UPDATED CONTROLS



Our team of Carrier experts can help you by providing a thorough assessment and analysis of your chiller plant. Trust us to make you feel confident in implementing a VFD upgrading, which can significantly improve your current and future energy picture.

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

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