

# Mechanical Upgrades



## DVM Industries help you reduce the total cost of ownership and extend the life of your mechanical assets.

Heating Ventilation and Air Conditioner Systems (HVAC) can contribute up to 40% of a facility's energy consumption. In order to optimize energy usage, we provide a wide variety of solutions to improve or replace inefficient, aging HVAC systems.


Repairing old HVAC equipment before it actually fails will not only make overall energy usage more efficient and save you money in your monthly utility bill, but it will make your building more comfortable. Mechanical upgrades can cover anything from heater, ventilation, air conditioner and elevator motor renovations.

By modernizing your elevator systems, you can ensure that fire and safety codes are met. Elevator upgrades include replacing a leaking piston, replacing vacuum tube controls with electronic ones and upgrading lighting and panels.

Overtime mechanical systems can wear out and break. As your system decays, you can encounter leaks and motor failures causing the compressor units to short out or develop cracks.

Due to system repairs being expensive, it is more cost effective for you to replace your system instead. It is DVM Industries' job to help you choose the correct HVAC system for your building and provide installation from our experienced engineers.

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## Variable Frequency Drives

Variable-frequency drives are widely used in ventilations systems for large buildings. On fans they save energy by allowing the volume of air moved to match the system demand. Variable frequency drives are also used on pumps, conveyor and machine tool drives. A thorough understanding of how to match the VFD to the driven load is the key to a successful application.

Optimizing motor control systems by installing or upgrading to VFDs can reduce energy consumption in your facility by as much as 70%.



## Elevator Motors

Elevators manufactured more than 20 years ago are significantly less energy efficient than today's newer models. The energy efficiency of elevators have greatly improved with technological advances in motor controls and other technologies.

According to the American Council for an Energy Efficiency Economy (ACEEE) current technology is able to cut up to 75% of elevators energy use and will also address the everyday annoyances and potential safety problems that the aging elevator system now presents to residents.



## HVAC Unit Replacements

From installation, scheduled maintenance and cleaning to seasonal tune-ups of heating and air conditioning systems, we cover all of your HVAC maintenance needs at DVM Industries.

Our engineers will help you in every step from start to finish. Our staff will answer all of your questions about HVAC system solutions available to you, ensure that the prospective system meets all of your comfort needs, help attain additional rebates or financing, and ensure 100% customer satisfaction throughout the process.