

Wireless Accessories



Most ECM motors currently in the market have up to 70% motor efficiency at full and partial loads which substantially reduces energy costs. The ECM motor also has the ability to modulate the airflow to meet partial load requirements thereby further reducing the energy requirements of a building. The low operating temperature of the ECM motor also requires very little energy to offset the heat gain from the motor to the cooled airstream, thus also reducing the building energy requirements.



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The modulated valve actuator control device increases Chiller and Boiler efficiency by 15-20% with substantial energy savings by meeting exact conditioned space load requirements. The overall net effect of modulated control valves adjusting the water flow rate to meet occupied space load requirements as they change, is increased occupant comfort in the conditioned space while reducing system energy costs.



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One of the easiest ways to save energy and money is to upgrade to a programmable thermostat. These thermostats allow the fan coil unit to be programmed to run only at specific times of the day at specific temperatures. Programming the thermostat to shut down or reduce the cooling/heating demands during periods of time when the occupant is typically away will quickly begin reducing costs after installation. The occupant can always temporary override the program during these times if necessary.



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An alternative to improving the efficiency and energy consumption of the fan coil unit is to install a programmable thermostat with occupancy sensors or a keycard. The thermostat can be programmed to gradually reduce the cooling/ heating demand to a pre-specified point if an occupant is not present. By using these sensors in conjunction with a programmable thermostat, tighter control of the energy consumption of a fan coil unit can be maintained.



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An alternative to improving the efficiency and energy consumption of the fan coil unit is to install a programmable thermostat with a keycard. The thermostat can be programmed to gradually reduce the cooling/heating demand to a pre-specified point if an occupant is not present. By using this keycard in conjunction with a programmable thermostat, tighter control of the energy consumption of a fan coil unit can be maintained.



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An alternative to improving the efficiency and energy consumption of the fan coil unit is to install a programmable thermostat with a motion sensor. The thermostat can be programmed to gradually reduce the cooling/heating demand to a pre-specified point if an occupant is not present. By using this wireless motion sensor in conjunction with a programmable thermostat, tighter control of the energy consumption of a fan coil unit can be maintained.



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