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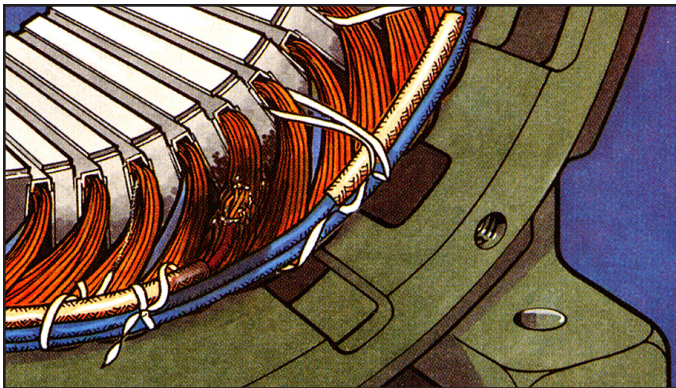
# Inverter Duty & Premium Efficiency Motors Designed to Save Energy

## Save hundreds of dollars every year

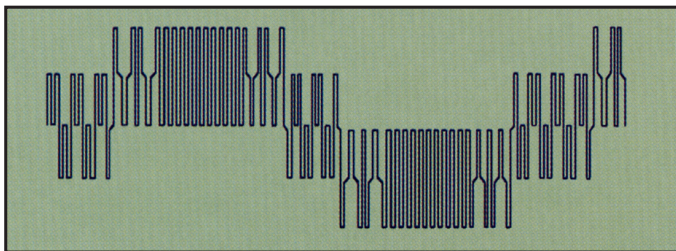
Higher motor electrical efficiency rates of 4% to 6%, will equate to hundreds of dollars saved per year. This example is based on \$.065 per Kw hours.

In addition to the standard insulation system, the "Inverter Grade" Insulation System includes: additional lacing on end turns, phase paper, additional dips and bakes, and pulse resistant magnet wire.

Connected HP	Savings/1000 hrs	Savings/2000 hrs
100	\$300.00	\$600.00
200	\$600.00	\$1,200.00
300	\$900.00	\$1,800.00
400	\$1,200.00	\$2,400.00



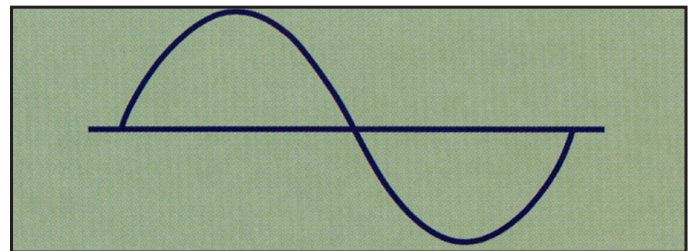
With a conventional motor you could experience damage from voltage stress insulation failure



Line to Neutral Voltage (VFD manufactured voltage)  
Many PWM adjustable frequency controls deliver voltage that looks like this, which may damage your motor's insulation



- Higher motor electrical efficiency rates of 4% to 6%
- Built to withstand inverter power better than conventional motors
- Balanced to tighter tolerances for higher efficiency and durability
- Extended warranty up to 3 years



Sinewave Voltage (normal "utility" voltage)

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