

DUTY CYCLE

100%  
40%  
0%

Combined kWh for  
Compressor and Evaporator  
Coil Fan Motors  
= 85,000 kWh per Year  
= 7,080 kWh per Month  
  
At \$0.55 per kWh rate;  
= \$ 46,750 per Year  
= \$ 3,890 per Month

COMPRESSOR MOTOR  
50,000 kWh per Year

EVAP  
COIL  
FAN  
MOTORS  
35,000  
kWh  
per Year

BEFORE

DUTY CYCLE

100%  
32%  
0%

Combined kWh for  
Compressor and Evaporator  
Coil Fan Motors  
= 45,000 kWh per Year  
**ENERGY SAVINGS**  
= 40,000 kWh per Year  
  
At \$0.55 per kWh rate;  
**COST SAVINGS**  
= \$ 22,000 per Year  
= \$ 1,830 per Month

COMPRESSOR MOTOR  
40,000 kWh per Year

← LOW SPEED  
  
FRIGITEK  
EVAP  
COIL  
FAN  
ECM  
MOTORS  
&  
CONTROLLERS  
5,000  
kWh  
per Year  
  
← HIGH SPEED

AFTER

1. EnerG<sup>2</sup> reduces Compressor kWh 15% to 20%
2. Frigitek EC Motors and Contoller reduce Evap Fan Motors kWh up to 90%.
3. Reduced heat output from fan motors further reduces Compressor kWh