



INTELLIGENT MOTOR CIRCUIT OPTIMIZATION

360energysolutionsinc.com | 800-975-6013

If your facility has Fixed Speed Electric Motors/Compressors that are not controlled by Variable Frequency Drives (VFDs) and the loading is relatively constant, you can benefit from the 360 Energy Solutions Inc. PFC units!

Over 65% of the world's energy is consumed by electric motors and 90% of those motors are in a fixed speed/constant load application. When the energy from the utility company enters a facility, it has to go through the main service, then the distribution panel, and finally to the equipment. Along its travels, the energy experiences friction losses that cause the efficiency of that circuit to drop significantly. The measurement of this is known as the Power Factor. A circuit with a high power factor equals a more efficient delivery of energy to the equipment resulting in significant heat and energy savings compared to a low Power Factor which results in energy losses, inefficiencies, and shortened equipment life cycle. **There is a solution!**

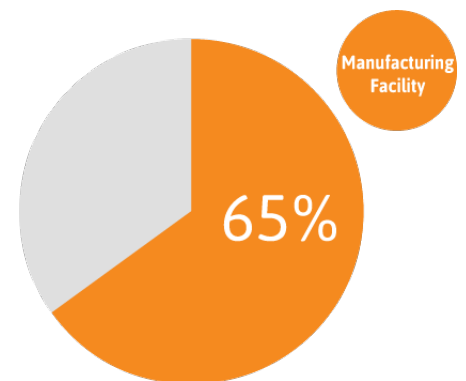
Fixed and Load Sensing Power Factor Correction (PFC) Units

1. Significant Energy Savings per Motor/Compressor Circuit.
2. Custom Engineered and Built for Each Piece of Equipment Using Actual Metered Data.
3. Increased System Capacity.
4. Reduced Line Losses and Wire Heating.
5. Improved Power Factor at All Load Conditions.
6. Reduced Maintenance and Downtime Costs.
7. Easily Retrofitted into the Existing Electrical Circuit(s).
8. Extended Equipment Life.
9. Load Sensing Options Available with Contactors and Time-Delay Relays.
10. Eliminated Utility Penalty Fees.



Features and Specifications

- UL/ETL Listed
- CE and CSA Marked
- Highly Visible LED Indicator Lights
- Integrated Circuit Breakers for Protection
- High-Harmonic Capacitors
- Self-Contained and Wired in Parallel from the Contactor/Starter
- Field Serviceable
- 10-Year Warranty Fixed Units / 5-Year Warranty Load Sensing Units



% Energy Electric Motors Account for in a Manufacturing Facility

Give your motors a break and start saving today!