

Industrial

Industrial | Sizing | 3 Phase Photo Gallery



Recapture electricity, reduce energy costs
and prolong the life of your equipment

► KEC Industrial Sizing



✓ Industrial Benefits

- 10% or more realized in monthly savings
- 5-year warranty
- Investment return (36 months or less)
- Reduced energy demand
- Decreased heat dissipation (extends life cycle) on motors
- Patented and UL/CSA listed product
- Alternative to purchasing costly high-efficiency motors
- Optimization Sizing System
- ROHS Compliant

"The motor has no way of intelligently adjusting the amount of electricity it consumes in relation to the job of work it does".

Today's industrial applications require looking beyond the traditional means of energy conservation and savings. For example, purchasing high efficiency motors to reduce energy costs are typically cost prohibitive.

"Often three phase KEC are recognized as the most readily available turnkey solution to various motor problems, since they provide numerous other benefits in addition to reductions in electrical energy efficient." **[Read more on sizing below.](#)**

Sizing

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KEC Sizing US1 / US2 / US3



The Optimization Sizing System provides a simple and accurate way for measuring and optimizing the power factor to unity of individual inductive loads (motors). All Optimizers size up to 600 volts.

This system consists of three units for sizing:

SINGLE PHASE UNIT we call US1, sizes all single phase equipment

THREE PHASE UNIT we call US2, sizes fractional motors up to 75hp

THREE PHASE UNIT we call US3, sizes motors 75hp up to 300hp.

After sizing is completed, a precise analysis, estimated savings, estimated return on investment and system cost is prepared for the customer. We then custom build our product to fit their system and reduce the demand on the electric company.



THREE PHASE PHOTO GALLERY



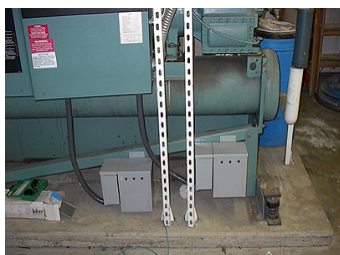
Three Phase Panel Mount



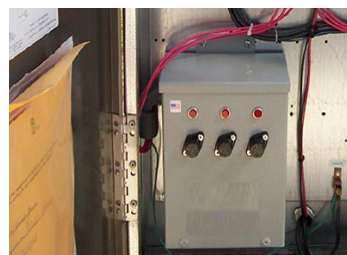
Three Phase Panel Mount



Three Phase Equipment Mount



Three Phase Equipment Mount



Three Phase Equipment Mount