

ENERGY SAVING DEVICE

SAVES ELECTRICITY UP TO 50 %

- **Manufactured Locally**
- **5 Years Manufacturer's Warranty**
- **Local Support**
- **Local Expertise**
- **Customisable Model**

TRIPLEMIZER UE Series
Save Energy, Save Cost



● Overview

While companies strive to remain profitable in an increasingly competitive global market, energy and monetary savings become one of the key factors reflected in the bottom line profits.

Today, electrical motors have become the major users of electricity in all industrial plant and commercial premises throughout the world. Motive power account for almost 60% of the nation's daily electric power consumption in used, roughly \$400 billion per year worldwide. However, many motors are working significantly below their design capacity. When a motor is operating under less than full load, a large amount of energy is being wasted. Unfortunately, motor have no way of intelligently controlling the amount of energy they draw, in relation to the load they operate.

Imagine if the potential benefit for a product which can provide a saving up to 50% in electricity costs.

The solution lies in an intelligent energy saving device called Triplemizer UE Series which can provide dynamic control of a motor across a wide range of applications and condition. The control software continuously monitors/controls motor efficiency and optimize power factor, to ensure the right amount of power is used with respect to the motor load. The motor voltage and current are controlled in accordance with that judgement. Even slight changes in demand will be recognized. This enables highly accurate energy saving operation to be achieved.



Installation of **Triplemizer UE Series** can also reduce maximum demand, giving large cost savings in total power usage. With losses reduced, motor runs cooler and lifespan will be prolonged.

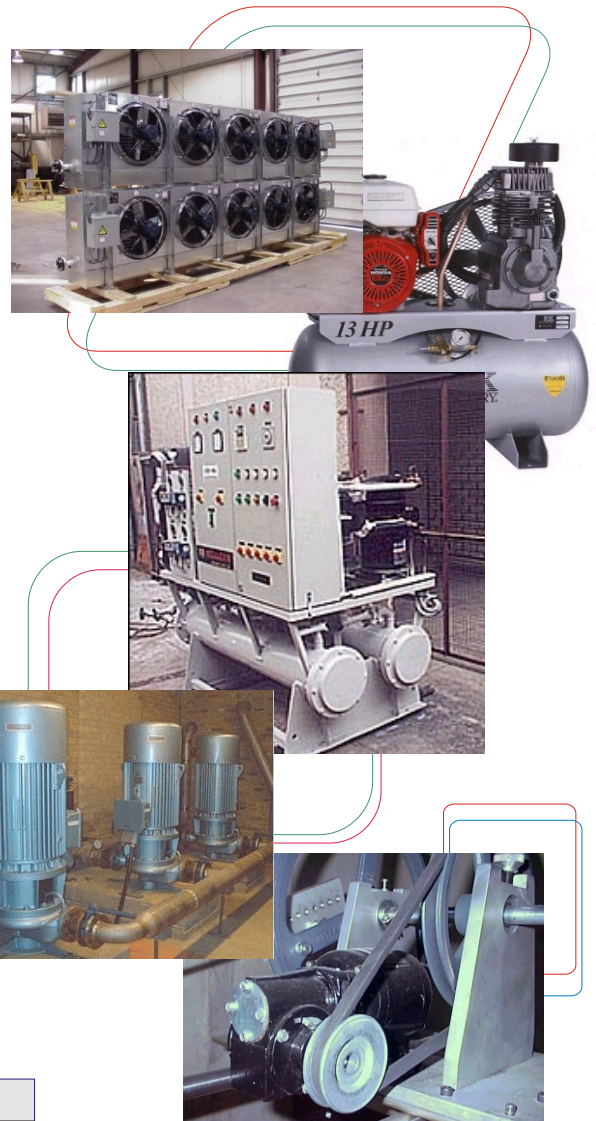
The soft start feature available on **Triplemizer UE Series** also smoothes out mechanical stresses in the system and minimize wear & tear.

Triplemizer UE Series is suitable for a wide variety of application such as:

- Commercial Air Conditioners
- Chiller
- Agitator
- Compressor
- Extruder
- Fan
- Feed Roller
- Injection Moulding
- Mixer
- Pumps
- Vacuum Forming and etc.

The **Triplemizer UE Series** also come with protection features such as:

- Overcurrent
- Overvoltage
- Over Temperature
- Short Circuit
- Undervoltage
- Motor Stall
- Earth Fault
- Motor Over Temperature
- Input Phas Loss
- Hardware Error and etc.



TECHNICAL SPECIFICATION

Rated Voltage	: 3 phase, 380 ~ 480V ± 10
Frequency	: 48 to 63Hz
Power Factor	: approx. 0.98
Ambient Temperature	: 0°C to 40°C
Relative Humidity	: ≤ 95% (without condensation)
Protection Class	: IP00, IP20 or IP54
Capacity Supported	: 1 to 500 Hp



Buatan Malaysia

For FREE presentation and product demonstration, please call the authorized agent/distributor :



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