

## WHAT'S NEW...



In 1917, Acme Electric began its legacy of producing top performing electrical products in Cleveland, OH. Founded by C.H. Bunch, G.R. Hillstrom, J.B. Armitage, R.A. Lais, and G.R. Sawitzke as Acme Electric and Machine Company, the initial product offering consisted of motor-driven battery chargers, electrical appliances, and electrical generators.

In 1925, Acme Electric jumped into the transformer world with their transformer-type battery chargers and in 1936 introduced the Dry-Type Distribution Transformer! That same year, Acme Electric reaped the benefits of major growth, and moved into a new facility in Cuba, NY.

Throughout the 100 years of Acme Electric's existence, we have developed a growing array of transformer product lines, offering a bold contribution to the Commercial Construction industry.

Acme Electric is now part of the Hubbell Incorporated team, and we've never been better! As we grow our partnership with Hubbell Inc., Acme Electric will continue the tradition of commitment to a diversified mix of quality transformer products.

Join us as we celebrate 100 years of innovative contribution to the electrical power industry! You can be sure that Acme Electric will strive to continue transforming the next 100 years!



**HISTORY**



Beginning January 1, 2016, the Department of Energy mandated new, more stringent efficiency standards for many of the transformers that are utilized throughout the industry. The new standard replaced the current TP-1 standard that was put into effect in 2007.

In addition to having a positive impact on the environment by reducing your corporation's carbon footprint, changing out older general purpose transformers with Acme DOE 2016 compliant equipment will provide the dual benefits of the lower operating costs and increased profitability.

Acme Electric's **NEW DOE 2016 Low Voltage Dry-Type Transformers** are designed to exceed the new DOE 2016 efficiency standard. They will have many of the features and benefits that you rely on when you use the Acme Electric product line. These features include the same footprint as the existing TP-1 units, as well as several new features we incorporated with feedback from you, our customers.

**DOE 2016**



As society's energy consumption and power requirement grow, so do we. Acme Electric is pleased to announce the launch of our new product line: **Medium Voltage Dry-Type Transformers.**

Acme Electric pays close attention to detail and workmanship throughout the design, production, and inspection process. This means that our medium voltage dry-type transformers are designed for economical, trouble-free service for a life expectancy of 25 years or more and is backed by our three year warranty. In particular, we design for optimum BIL levels, short circuit strength, losses, temperature rise, corona-free operation, and low sound levels. This ensures that there is no need to over-specify and provides quality and long, efficient performance.

Additionally, our new line of medium voltage transformers not only meets but exceeds the new, more stringent DOE 2016 Energy Efficiency Standards U.S. DOE 10 CFR Part 431, and Canadian Energy Efficiency Regulations SOR/94-651.

**MEDIUM VOLTAGE**



Acme Electric's **NEW 3 Phase Buck Boost Transformers**, the simple and economical solution when voltage change is needed. Only one transformer is required for 3 phase applications to easily raise or lower the voltage by 5%, 10%, or 15%.

Until now, three phase applications required multiple separate single phase Buck Boost Transformers to be wired and mounted together. Acme Electric's 3 Phase Buck Boost Transformers remove the need for multiple separate units and provide the same great electrical advantages standard Buck Boost Transformers offer in one simple and convenient package.

In addition to having a smaller footprint compared to similar three phase buck boost applications, Acme's 3 Phase Buck Boost Transformers are assembled and prewired at the factory, a considerable time and installation cost savings.



Acme Electric has expanded our Buck Boost Transformer product line by releasing our **NEW Buck Boost Transformer with 277 Volt Primary and 12/24 Volt Secondary**.

Acme's new Buck Boost Transformer with 12/24 volt secondary were designed for low voltage lighting required by a variety of lighting applications such as recessed, under cabinet, and landscape.

With a growing market in low voltage applications, especially lighting with LED's, it is important to remember that anytime you have a lower than standard voltage, equipment damage and failure can result. Buck-boost transformers should be considered as your first line of defense to correct this potentially very serious problem.

Providing an economic and reliable operation, the Buck Boost Transformer with 277 Volt Primary and 12/24 Volt Secondary is the ideal solution for your low voltage and lighting applications.



Acme Electric is excited to announce the latest addition to our product line, **Encapsulated AC Line Reactors**.

Acme's Encapsulated AC Line Reactors are designed to protect DC motor drives and AC variable frequency drives or motors with one important difference. These line reactors are completely enclosed, so the unit can be mounted outside the control panel.

Ideal for applications such as process lines, paper machines, casters, tube mills, tire assembly, laminators, press controls and drive systems. Acme's Encapsulated AC Line Reactors immerse the core and coil assembly in an electrical grade silica and resin compound that seals out moisture and potential corrosives. These Line Reactors are housed in a NEMA 3R Enclosure suitable for indoor or outdoor applications. What's more, these encapsulated line reactors are extremely convenient to install. They can be floor or wall mounted and front access makes wiring easy.

Acme's Encapsulated AC Line Reactors are the ideal solution to prevent equipment failure and downtime wherever you install them.



Acme Electric is a full line manufacturer of low voltage (600V and below) and medium voltage (2.5kV through 15kV) dry type distribution transformers, industrial control transformers, and power quality equipment.

Our products cover the full spectrum of applications, from general purpose power distribution in commercial applications, to ultra-efficient transformers used in alternative energy, to transformers that address harmful harmonic conditions generated in today's electrical loads. In addition, for our OEM customer we are able to provide custom solutions specializing in toroidal transformers and inductors, high frequency magnetics, and custom coils. All of our products are designed, manufactured and verified to exceed the standards established by UL, CSA, CE, NEMA, ANSI and IEEE.

**For more information on any of our new or existing products, call us at 1-800-334-5214 or visit our website, [hubbell-acmeelectric.com](http://hubbell-acmeelectric.com)**

**3 PHASE BUCK BOOST**

**BUCK BOOST**

**ENCAPSULATED  
AC LINE REACTORS**

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