



Tecumseh

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Tecumseh Introduces New Masterflux® Mobile Cooling Solutions

Tecumseh Products Company advances to the leading edge of cooling technology with its new line-up of Masterflux® Cascade compressors, condensing units and electronic controllers for mobile cooling. The compressors are designed for dual input 12/24-volt DC powered mobile cooling applications (like marine, truck cabs and RVs) where limited space and high efficiency are critical priorities.

The new Masterflux® LBP Cascade condensing unit includes integrated electronics, a galvanized steel base plate and locking fasteners – and comes in 270 BTU (70W) and 470 BTU (100W) capacities. Simply add an evaporator coil and expansion device and you have a complete refrigeration system.

The new, high-efficiency Masterflux® HBP Cascade direct-current compressor comes in 24-volt (250W) and 48-volt (500W) versions, and is designed expressly for telecommunications cellular tower electronics and battery cooling requirements. With both fixed and variable speed capabilities, these state-of-the-art compressors can operate using solar, wind or battery power and are capable of extending telecom equipment battery life up to 25 percent.

Masterflux® HBP Cascade compressors come with an integrated fan control and electronic thermostat for optimal performance and simplified system design. In remote areas, where battery power may be required up to 16 hours per day, HBP Cascade compressors deliver cooler battery operation (under 25°C) thereby extending battery life. In comparison to cooling systems that rely on alternating current, Cascade compressors can save up to 250 watts per hour.

Masterflux® High Voltage Electric Vehicle Controller

Tecumseh technology also extends to the automotive industry. Masterflux® High Voltage Electric Vehicle Compressor Controllers have been used in high mileage, high-performance electric-powered sports cars and automobiles, as well as parcel delivery vehicles. With many years of automotive experience, the new Tecumseh high voltage compressors and controllers are offered in IP-rated, 300-volt and 600-volt units with an overall range of 55 to 750 volts DC. Tecumseh controllers have been designed specifically for use in today's most power-efficient electric-powered vehicles.

For more information on Tecumseh products, visit www.tecumseh.com.

About Tecumseh Products Company

Founded in 1934, Tecumseh Products Company is a leading global manufacturer of hermetic reciprocating, rotary and scroll compressors ranging in capacity from 1/15th to 6 horsepower, as well as offering a complete line of condensing units and systems for use in residential and commercial refrigeration and air conditioning applications. Tecumseh products are manufactured on four continents and sold globally through a network of sales professionals, authorized wholesalers and licensed distributors offering brand names that include: L'Unite Hermetique®, Silensys®, Masterflux® and Celseon®. Tecumseh Products Company is headquartered in Ann Arbor, Michigan. For more information, visit our website at www.tecumseh.com