New option for thermoelectrically cooled electronic enclosures makes washdowns fast and easy

EIC Solutions has announced the new M74 clean out modification option which facilitates washdown of thermoelectric coolers mounted to electronic enclosures. The M74 option was application-driven arising from suggestions received from customers in food processing, and other process industries requiring frequent rinsing or washing of equipment. By making washdown faster and easier, the clean out modification helps minimize downtime and helps promote consistent production rates.

In food processing, periodic washdowns are required to meet various regulations and laws. The same applies to many medial, laboratory and clean room applications. Electrical wires and electronic gear used in these processes are enclosed to protect them from liquids and cleaning agents. The enclosures are then subject to washdown regulations. During both manufacturing and washdown procedures, liquid and debris may find their way into the openings in the thermoelectric air conditioner covers. The openings are machined into the cooler panels to create space for fans and to permit adequate air circulation. A thorough washdown may or may completely not flush out the openings.

Removing the air conditioner covers used to require the use of screwdrivers, wrenches or other tools. Additionally, hardwired electrical connections to fans had to be cut which took time and made for tedious reinstallation of the covers. EIC's clean out modification option eliminates the need for tools when removing the

covers for cleaning. This simplifies and expedites washdown procedures and also speeds up the process of reinstalling the covers which means less production downtime.

Made in the USA, EIC electronic enclosures protect electronics and equipment from environmental factors such as liquids/moisture, dust, oils, chemicals, temperature swings, corrosion, vibration and more. A variety of cabinet styles house electrical controls, cameras, telecommunications equipment, surveillance devices and security equipment. Additionally, rack-mount models accommodate single or multiple 19-inch rack-mount gear such as DVRs, servers, routers, modems, switches, amplifiers and network gear.

EIC enclosures are suitable for wall-, pole- or floor-mounted applications. The enclosures are for indoor or outdoor use and are built to NEMA standards, available in NEMA 12/4 configurations. The weather-tight cabinets feature rugged, powder coated steel construction and may be fitted with a wide range of options such as thermoelectric air conditioners, heaters, digital temperature controls, rain shrouds and tamper resistant packages.

http://www.eicsolutions.com [1]

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