



HEATING SYSTEMS

Norseman[™] Electric Explosion-Proof Heaters

- Convection Heaters
- Forced Air Unit Heaters
- Thermostats
- Thermostat Installation Kits



Thermostats



XTW Explosion-Proof Thermostats

Designed for air and liquid temperature sensing and control applications in hazardous locations where explosive substances may be present, such as air, ducts, pipes or tanks.

- Featuring the patented **x-Max®** system with the unique track and trolley wiring to provide maximum durability, safety, convenience and ease of use.
- Ratings to 600V, S.P.S.T or D.P.S.T.
- Moisture resistant to CSA type 4 (upon request).
- CSA approved for Class I, Division 1 & 2, Groups A, B, C & D; Class II, Division 1 & 2, Groups E, F & G; Class III, Divisions 1 & 2.

XTB Explosion-Proof Thermostats

Designed for remote sensing and control applications in hazardous locations where explosive substances may be present, such as air, ducts, pipes or tanks.

- Featuring the patented **x-Max®** system with the unique track and trolley wiring to provide maximum durability, safety, convenience and ease of use.
- Ratings to 600V, S.P.S.T or D.P.S.T.
- Moisture resistant to CSA type 4 (upon request).
- CSA approved for Class I, Division 1, Groups C & D; Class II, Division 1 & 2, Groups E, F & G; Class III, Divisions 1 & 2.



Thermostat Installation Kits



XTK Thermostat Installation Kits

The Norseman™ XTK facilitates field installation of a thermostat into other **x-Max®** based products, such as the Norseman™ XB.

- Explosion-Proof Convection Heater, the CXC Explosion-Proof Screwplug
- Heater or the XGB Explosion-Proof Unit Heater.
- Allows products to be stocked without thermostat and have a kit supplied when required.
- Available either with a thermostat well assembly or with a packing gland and 60 inch (1524 mm) capillary for remote bulb sensing.

Convection Heaters



XB Explosion-Proof Natural Convection Heaters

Designed for heating spaces where explosive substances may be present such as storage rooms for paints and cleaners, grain elevators, gas plants and more.

- Offers a state of the art design, featuring Thermon Heating Systems' unique copper-free aluminum extruded convecter and patented **x-Max**[®] terminal housing.
- Models offered in 47.5 to 5130W and from 120 to 600V.
- _cCSA_{US} approved for Class I, Division 1 & 2, Groups A, B, C & D; Class II, Division 1 & 2, Groups E, F, G; Class III, Division 1 & 2 at a temperature code of T2D, T3B, T4A or T6.
- CE/ATEX for II 2 G, Ex d IIC T3 or T4 Gb.

XPA Explosion-Proof Natural Convection Panel Heaters

Designed specifically for freeze protection of control enclosures and other confined areas characterized by poor natural circulation where potentially explosive substances may be present, such as control cabinets, small enclosures and more.

- Comes factory-wired to an explosion-proof junction box or thermostat and includes a mounting bracket and hardware.
- Models offered in 50 to 700 W and from 120 to 240V.
- _cCSA_{US} certified for Class I, Division 1 & 2, Groups A, B, C, & D.
- ATEX/IECEX/EAC Ex d IIC or IIB, T2 (215°C), T3 or T4, Gb IP66.
- Available in three different size extrusions.



Forced Air Unit Heaters



XGB Explosion-Proof Forced Air Unit Heaters

Designed for heating industrial spaces where potentially explosive substances may be present, such as water and sewage treatment plants, oil refineries, compressor stations and more.

- Available in two cabinet sizes, small units with ratings of up to 10 kW and large units with ratings of up to 35 kW.
- Models offered in 3.75 to 35 kW, ranging from 208 to 600V.
- _cCSA_{US} approved for Class I, Division 1 & 2, Groups C & D; Class II, Division 1 & 2, Groups E, F & G of a temperature code of T2C, T2D, T3A or T3B.



HEATING
SYSTEMS

As a leader in advanced heating and filtration solutions with facilities across North America, Thermon Heating Systems manufactures five of the top brands in industrial heating in addition to a comprehensive line of engineered industrial filtration products including:

Cata-Dyne™
Explosion-Proof Gas Catalytic Heaters

Cata-Dyne™ is the industry standard in infrared gas catalytic heaters, enclosures, pipeline systems and accessories. Customers across a wide range of industries rely on Cata-Dyne™ to supply them with safe, reliable, efficient and versatile infrared catalytic heating equipment for a variety of applications in both hazardous and non-hazardous environments.

Ruffneck™ is renowned for its rugged, reliable and versatile heavy-duty explosion-proof heaters, heating systems and heating accessories. Ruffneck™ has a long and proud history of supplying quality heating products for the harshest industrial environments to a worldwide customer base for over 30 years. Ruffneck™ is well-known in the industry for its “ship the heat in a week” policy, where 95% of all standard orders are shipped within one week of order placement.

Ruffneck™
Heaters for the Harshest Environments

3L Filters™
Engineered Filtration Systems

3L Filters™ has satisfied the most demanding industrial filtration requirements for over 40 years. A broad range of standard and custom products includes liquid filters, strainers, separators, pressure vessels, and engineered products and systems. 3L Filters™ has special expertise for nuclear, petrochemical, water treatment and environmental applications.

Caloritech™ electric heaters, heating elements and heating accessories are well-known in the industry for their quality, reliability, performance and versatility. In addition to standard “off the shelf” industrial heaters and heating systems components, Caloritech™ also offers engineered heating solutions custom designed, manufactured and tested to satisfy customer specifications. No matter what your application or environment, Caloritech™ has a solution to fit your heating needs.

Caloritech™
Engineered Electric Heat

Fastrax™
Track and Switch Heaters

Fastrax® has manufactured railroad track and switch heating since 1995. Fastrax® engineers complete heating packages for the rail industry. Fastrax® track and switch heaters are designed to provide the most efficient heat transfer on rail equipment and components for the coldest environments. In addition to heaters, Fastrax® manufactures fully automatic energy saving controls to complete the rail heating system.

Norseman™ is the most technologically advanced line of explosion-proof electric air heaters and heating accessories, including both forced air heaters and natural convection heaters, as well as unit heaters, panel heaters and thermostats. Norseman™ offers innovative, low maintenance solutions for a wide range of applications in a variety of industrial and commercial environments. Custom engineered heaters or heating systems are available for specialized applications.

Norseman™
Electric Explosion-Proof Heaters

Visit www.thermon.com for detailed product information.

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