



# Norseman™

## Electric Explosion-Proof Heaters



## Product Guide

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



**CCI Thermal**  
Technologies Inc.  
Heating and Filtration Solutions



# 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 10kW and large units with ratings of up to 35kW.
- 34 models offered in 3.75 - 35kW, ranging from 208 - 600V.
- Certified by CSA to Canadian and US standards, with standard models approved for the following: Class I, Division 1 & 2, Groups C & D, Class II, Division 1 & 2, Groups E, F & G.



# Convection Heaters

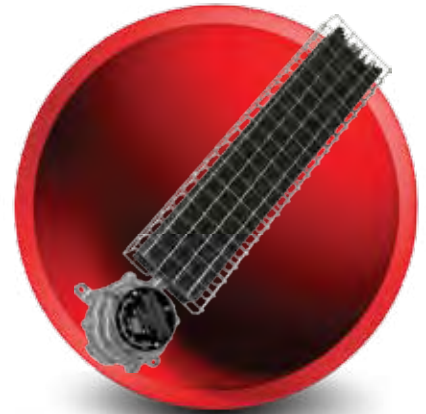


## XB Explosion-Proof Natural Convection Heaters

- 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 CCI Thermal's unique copper-free aluminum extruded convecter and patented **x-Max®** terminal housing.
- 30 models offered in 475 - 4500W and from 120 - 600V.
- CSA C/US or CE/ATEX approved and GOST certified.

## XR Explosion-Proof Natural Convection Panel Heaters

- Designed specifically for heating industrial spaces where potentially explosive substances may be present, such as spray booths, oil platforms, pump houses and more.
- Intended primarily for freeze protection in confined areas where required heat is minimal but essential.
- Comes with a NEMA 7 & 9 aluminum Defender™ thermostat.
- 30 models offered in 50 - 425W and from 120 - 240V.
- Rated as either T2D or T3B for Class 1, Division 1 & 2, group C & D.



## XP 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.
- The dual thermostat system provides added safety against excessive convecter temperatures.
- 11 models offered in 50 - 550W and from 120 - 240V.
- CSA C/US approved.

# 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.
- CSA certified for Class I, Groups A, B, C & D, Class II, Groups E, F & G and Class III hazardous locations, Divisions 1 and 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.
- CSA certified approved for the following: Class I, Division 1 & 2, Groups C & D, Class II, Division 1 & 2, Groups E, F & G.



# 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 XC Explosion-Proof Screwplug Heater or the XG 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 in. capillary for remote bulb sensing.



**CCI Thermal**  
Technologies Inc.  
Heating and Filtration Solutions



As a leader in advanced heating and filtration solutions with facilities across North America, CCI Thermal Technologies Inc. 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™**

Heaters for the Harshest 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.

 **Caloritech™**

Engineered Electric Heat

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.

 **Norseman™**

Electric Explosion-Proof Heaters

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.

 **DriQuik™**

Infrared Ovens

DriQuik™ is the market leader in infrared drying ovens and automated pre-finishing systems. DriQuik™ pioneered radiant oven technology in the 1930s and has since been setting the industry standard in infrared radiant heating systems and components for over 75 years.

 **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.

Visit [www.ccithermal.com](http://www.ccithermal.com) for detailed product information.

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