

## > TECHNICAL SPECIFICATIONS

The Radiant Tracer's custom-designed tracing system is a heat exchanger that adapts to a catalytic heater, absorbing the heater's radiant energy and quickly and effectively dispersing it across lines, consoles, tank access points, and other production or equipment areas that need freeze or hydrate protection. With temperature control settings that can be set at 10 to 40°C and heat trace strings of 300' to 600' in length, our system can accommodate most applications.

- The Radiant Tracer system is fully certified by the Canadian Standards Association (CSA)
- Models RT-1200B & RT-2400B Radiant Tracers systems are certified by the Canadian Standards Association (CSA) for use in Class 1, Division 1 and 2, Group D hazardous (classified) locations, temperature code T2C at ambient temperature of 40°C (104°F). CSA approved models are equipped for high altitudes: 0-4,500 ft. (0-1,370m) above sea level. Systems are certified for indoor/outdoor installation and for non residential use only. \*See *Certification download on website.*
- Temperature controls can be set to operate at any point between 10 and 40°C (50-104°F)
- System is equipped with a built in high temperature safety shut down controller set to 176°F/80°C maximum temperature.
- System takes only minutes to heat up to operating temperature.
- Fluid is circulated by 1/2" metal diaphragm pump that requires 20 – 30 PSI supplied fuel gas to operate.
- Pump fuel gas usage in the field is approximately 0.06 e3m3/day when circulating 3 gals/min. (average rate) with 20 PSI supply pressure.
- The Radiant Tracer can potentially service distances up to 600 ft.
- Simple to install and operate, and requires minimal maintenance under normal operating conditions.
- Units are designed to endure industries rugged environmental conditions for long and reliable operational life.
- The Radiant Tracer's surge tank and most other components are constructed of stainless steel material to maximize their industry life.
- Operation manuals, full specs, and trouble-shooting guides are all archived online at our website, immediately accessible.
- The Radiant Tracer system and all its parts are covered by a full manufacturer's warranty for one year after installation.
- Installation is fully supported.

