Cold Weather Technologies Indirect Process Heater

385 BOILER LINE HEATER

technical specifications sheet

HEAT INTO PROCESS	174,400 - 308,000 BTU/Hour 51 - 90.2 kW/Hour
HEAT INTO BURNER	176,000 - 385,000 BTU/Hour 51.5 - 112.7 kW
NUMBER OF BURNERS	11
WEIGHT	
OPERATING PRESSURES	-28 Hg / 15 psi
OPERATING TEMPERATURES	140°F - 225°F
STACK TEMPERATURES	250°F - 450°F
FOOTPRINT	Depends on coil and condenser configuration
POWER	Millivolt supply from thermopiles in standing pilot
SAFETIES AND RELIEF VALVES	15 psi PSV (manual reset)
INSULATION	2"
CLADDING	Embossed aluminum
FOUNDATION	Skid mounted
SAFETY DEVICES	Emergency ESD button
AVAILABLE COILS	3", 4", 6", 8"
FUEL SUPPLY REQUIRED	800scF/hr at .5 psi

ASME Section IV Registered with CSD-1 compliant control systems
Conforms to ANSI Z21.13-2014
Certified to CSA 4.9-2014

BENEFITS AND FEATURES

The 385 unit is our mid-range heat solution - perfect for your typical smaller application.

ENVIRONMENT

- Burner and firebox configurations result in reduced exhaust stack temperatures
- High-efficiency, low-emission burner system reduces Greenhouse Gas emissions
- Indirect fired, thereby eliminating firetube failures
- Low-pressure, low-volume burner system
- Operates virtually silent
- Requires significantly less glycol than conventional line heating systems.

ECONOMICS

- Improved thermal and combustion efficiencies minimizing fuel consumption
- No moving parts, reducing maintenance and down time costs

SAFETY

- Easily accessed millivolt fuel train and temperature controls
- Boiler installed at ground level
- Flame failure control system
- Indirect fired
- Push button battery operated pilot ignition.