



A superior
heat trace
system

ultra-low
emission
SYSTEMS

Green

for More Than
the Environment

Minimal Fuel Needs

Cataflow®'s hydronic heating system operates with superior efficiency on propane or raw gas from a wellhead. No external power source is required other than a simple 12-volt battery, which runs briefly to initiate the generation of infrared energy from a catalytic heater.



Carbon Credits

Cataflow® delivers a cleaner, greener heat trace solution that allows you to take advantage of valuable greenhouse credits and boost your company's environmental accountability. Within each heating system, there is a revolutionary clean burning systems, producing trace emissions and very little waste. The result? Significant carbon tax reductions, plus long-term benefits to environment.



Heating Efficiency

Every Cataflow® unit features a highly efficient heat exchanger system that provides 24/7 reliability - more usable heat than any other heat trace system on the market.



Generates Electricity

Through revolutionary technology, Cataflow®'s heating system generates its own continuous electricity, which pumps the warm glycol through the heat trace. This eliminates the need for any external power or battery back-up, giving you a low-maintenance, self-powered unit with around-the-clock reliability even during the coldest seasons.



Patent pending



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- ultra-low emissions
- self-generating power
- no battery backup
- eliminates carbon tax
- flameless heat

Cataflow®'s flameless, self-powered hydronic heating system delivers unsurpassed heating efficiency with ultra low emissions and reliability that you won't find in typical pneumatic pump driven units. Even in extreme cold temperatures, the revolutionary heating system prevents complications and downtime due to freezing thanks to the continuous circulation of warm glycol, which is pumped through the heat trace using electricity generated by the unit itself. The self-powered unit provides 24/7 reliability with little maintenance and no battery back-up... just start it and forget it.

With a Cataflow® system, you are not just investing in production efficiency and peace of mind, you are also reducing your operation's impact on the environment - and this comes with rewards. The system's ability to operate with ultra-low emissions and very little waste means that you can take advantage of greenhouse credits and lower carbon tax - a potential savings of thousands of dollars for your company and a noticeable, ongoing return on your investment.

Cataflow® units are quick and easy to install. Complicated procedures and moving equipment are not required for the installations of Cataflow® units, making them ideal for remote and hard-to-get-to locations. It takes only a few simple steps to get your unit into position and operating. Because of the barely detectable emissions, the units are also safe for non-vented indoor installations.

Experience the benefits of Cataflow®. Good for your operation. Good for the environment. Great for your bottom line.

	CT - 20HT	CT - 10HT
Max Gas Input	24000 btu/hour	12000 btu/hour
Heater Face Temp	370°c / 698°f	370°c / 698°f
Gas Consumption _{lpg}	8.0cfh	4.0cfh
Gas Consumption _{nat gas}	24.0 cfh/hr	12.0 cfh/hr
Electrical Generation	DC continuous	DC continuous
DC / Electric Pump		
Max PSI	50psi	50psi
Max Operating Temperature	80c / 175f	80c / 175f
Voltage	12/24	12/24
Max Flow Rate	7 Ltr/min	5 Ltr/min
Heat Trace Unit		
Max Teat Trace Length	305m / 1200 ft	243.8m / 800 ft
Heat Trace Size	1.27 cm / 1/2" ID	1.27 cm / 1/2" ID
Dimensions	48" x 24" x 55"	48" x 24" x 43"
Construction Material	Aluminum / Stainless	Aluminum / Stainless
Fluid Reservoir	Aluminum, 6 Gallons	Aluminum, 6 Gallons
Stand	Steel	Steel

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