



SUBMITTAL : FG2-18L Heat Trace Kit



Job Name	Location
Purchaser	Engineer
Submitted to	Reference ☐ Approval ☐ Construction ☐
Unit Designation	Schedule #

Specifications	FG2-18L
General	
Voltage	208-240V-1Ph
Heating Cable wire gauge (AWG)	16
Circuit Breaker Size	15A
Maximum Exposure Temperature	150°F
Minimum Install Temperature	5°F
Electrical Classification	Nonhazardous Only
Exposure to Chemicals	None
Physical Data	
Maximum Cable Width (inch)	0.45"
Maximum Cable Thickness (inch)	0.24"
Heating Cable Length (ft)	18ft
Power Cord Lead Length (ft)	6ft
Minimum Bend Radius (inch)	5/8"
Performance	
Min Output on pipe at 40°F (Watts)	108W
Min Output on pipe at 5°F (Watts)	138W
Max Amp Draw on pipe at 40°F	0.47A
Max Amp Draw on pipe at 5°F	0.60A
Approvals	
Certification	CSA (US & Canada)



Description

The FG2-18L Trace Heat Kit shall consist of a 208/240V presassembled electric heating cable for installation on metal or plastic water pipes for freeze protection. The FG2-18L Trace Heat Kit shall be a 18ft length of Heat Trace complete with a 6ft power cord.

Construction

Heating cable shall be constructed from a self regulating cable with a protective tinned copper braid and an outer polyolefin jacket. The power cord shall be 6ft in length, insulated and shall be supplied with bared wire ends for connection to the power supply.

Application

Trace Heat kit shall be utilized to provide freeze protection for the exterior piping between Storage Tank and Heat Pump.

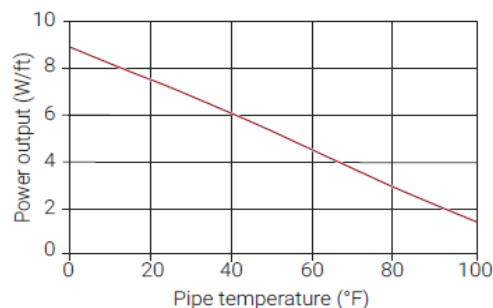
Installation

Installation shall follow the requirements laid out in the manual supplied with the FG2-18L Trace Heat Kit.

Control

The FG2-18L shall control based on the Cold/Hot Water pipe temperature where the FG2-18L output shall be self regulating as the higher temperature the water pipe shall reduce the wattage output per foot of the FG2-18L Heat Trace.

The FG2-18L will not cycle off output regardless of the ambient temperature or the water pipe temperature. If On/Off control of the FG2-18L is required an ambient thermostat, Raychem AMC-F5 should be field installed.



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Due to Eco2 Systems LLC's policy of on-going product development specifications are subject to change without notice.

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