Technical Heaters, Inc.

ELECTRICALLY HEATED
SERIES 212 SELF-LIMITING OPERATING INSTRUCTIONS

GENERAL INFORMATION
All Technical Heaters, Inc. heated hoses come electrically and hydraulically complete. ***DO NOT*** cut or alter the enclosed hose under any circumstances.

INSPECTION AND HANDLING
At this time, please read all tags attached to hose to check for operating specifications. When removing hose from shipping container or spool, care should be taken to avoid kinking. Avoid walking on, running over, or crushing hose in any way.

INSTALLATION
Hoses should not be pulled or supported by fittings or tubing alone. Care needs to be taken when making hydraulic connection s to avoid kinking of core. This will impute the integrity of the core. When coextending multiple hoses, please allow a minimum distance of 1" between each hose. When using cable ties, pipe straps, or other supports use care to avoid compressing thermal insulation. For lengths over 50', please see the attached Installation Recommendations.

OPERATION
DO NOT operate hose in a coil or an overlapped configuration. The concentration of heat may cause severe damage.Electrically heated hoses are designed to run using standard voltages (120V, 240V, or 480V) or as specified on tag. Maximum operating temperature must not be exceeded. Operating Temperature based on customer specification.

WIRING
Series 212 Self-Limiting hoses are self-controlled. No temperature controller or other means of controlling the operating temperature is needed. Simply connect the power and ground leads directly to the approriate line voltage. Some Self-Limting hoses have a built-in temperature sensor that is located (2) feet from the power end (unless otherwise specified).

Heater Wire

K Thermocouple

J Thermocouple

RTD - 100 Ohm

PLEASE NOTE:
The temperature inside the core will be different than the temperature outside the core where the sensor is located. The temperature difference will vary with each application, depending on the flow rate through the hose

CAUTION:
Do not wrap hose with tape of other insulating materials. Employ this hose only with chemicals that will not affect the integrity of the core.

TECHNICAL HEATERS, INC.

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