



SOUTHEAST THERMAL SYSTEMS

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Flanged Immersion Application Sheet

* REQUIRED

*Flange Size: 3" 4" 5" 6"

8" 10" 12" 14"

other (specify): _____

*Flange Material: Steel 304 SS 316 SS

other (specify): _____

*Flange Rating: 150 lb. 300 lb.

other (specify): _____

*Sheath Material: Steel Copper 304 SS

316 SS Incoloy other (specify): _____

*Number of Elements: _____

*Integral Thermostat: None 0-100°F

60-250°F 150-550°F

*Over-Temperature Cut-out: 60-250°F

150-550°F 300-650°F

*Terminal Enclosure: None General Purpose

Moisture Resistant Explosion Resistant

*Rating: KW _____ Volts _____ Phase _____

*Heating Element Immersion Length:

Dimension: _____ inches

Cold length below flange: _____ inches

*Number of Electrical Circuits: Standard

other (specify): _____ KW/circuit

*Terminal Seals: None RTV (400°F)

Epoxy (266°F) Hermetic (1000°F)

Rubber Molded Leads

Other (specify): _____

*Heating Element Watt Density: 6.5W/in²

15W/in² 20W/in² 22W/in²

45W/in² other (specify): _____

*A.S.M.E: Design only Design & Certify

*Agency approvals: None CE CSA

U.L. Recognized Other: _____

*Flange Gasket: Std. other (specify):

*Special Features: Cross Flow Baffles ☐

Stand-Off Enclosure: 4" 6" Other: _____

High-Limit T/C welded to sheath: "J" "K"

Passivation of welded parts Electropolishing

Other (Specify): _____

Operating Conditions:

*Application: (describe in detail) _____

*Heated medium: Gas Liquid

*Operating Temperature _____ °F

*Operating Pressure _____ psig

*Installation environment: Indoor Outdoor

Hazardous [Div _____ Group _____]

*Ambient Temperature: _____ °F