



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:**
 DimensionK _____ 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

Send to rfq@sethermal.com