



Customer Name : _____

Customer Number : _____

Date : _____ Completed By : _____

Circulation Heater Product Data Sheet

Quantity: _____

Approval drawing required

Part Number: _____ A/E: _____

Part Number Format: CK3A-XXXX

Vessel Specification: (Please check all applicable)

1. Rating: Watts _____ Volts _____ Phase _____

2. Vessel Size: 1-½" 2-½" 3" 4" 5"
8" 10" 12" 14" Other: _____

3. Vessel Material: Steel 304 SS 316 SS
Other(Specify): _____

4. Inlet & Outlet Size: _____ Type: NPT Flanged

5. Inlet & Outlet "Center-To-Center" Length: _____

6. Heater Enclosure: M0 M1 M6 M7

Heater Specification: (Please check all applicable)

A. Flange or Pipe Plug Size: 1-¼" NPT 2-½" NPT
3" 4" 5" 8" 10" 12"
14" Other: _____

B. Flange or Pipe Plug Material: Steel 304 SS
316 SS Brass (Plug Only) Other: _____

C. Flange Rating: 150 lb. 300 lb. Other: _____

D. Sheath Material: Incoloy Stainless Steel
Steel Copper Other: _____

E. # of Elements: _____ "B" Dimension: _____
Cold Length below Flange: _____

F. Thermostat Mounted On Tank: None
T2: 0-100°F 60-250°F 150-550°F

G. Over-Temperature Cut-out:
T2R: 60-250°F 100-550°F 300-650°F

H. Thermostat Enclosure (If applicable): General Purpose
Moisture Resistant Explosion Resistant
Explosion Resistant/Moisture Resistant

I. A.S.M.E.: Design Only Design & Certify

J. Agency Approvals: None CE
For Hazardous Locations: C.S.A. NRTL

K. Other Special Features:
Terminal Seals (See Flanged Htr Data Sheet for more info)
Mighty Blade Elements Cross Flow Baffles
Stand-Off Enclosure: 4" 6" Other: _____
High-Limit T/C welded to sheath: "J" "K"
Passivation of wetted parts
Other (Specify): _____

Operating Conditions:

I. Application (Describe in detail): _____

Heated Medium: Gas Liquid

II. Operating Temperature: _____ °F

III. Operating Pressure: _____ psig

IV. Installation Environment: Indoor Outdoor
Hazardous [Div _____ Group _____]

V. Ambient Temperature: _____

