



# Chromalox®

## ASME & Custom Engineering Specifications (cont'd.)

Form PE307

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Customer Name: \_\_\_\_\_ Reference: \_\_\_\_\_ Date: \_\_\_\_\_

### Heater Specifications (Check All That Apply)

<b>12. ASME DESIGN and CERTIFIED:</b> <input type="checkbox"/> Yes <input type="checkbox"/> Section					<b>24. MECHANICAL PROCESS TEMPERATURE HIGH LIMIT PROTECTION CONTROL MOUNTED ON HEATER:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No				
<b>13. ELECTRICAL CODES:</b> National Electrical Code (Standard)					a) <input type="checkbox"/> General Purpose <input type="checkbox"/> Moisture Resistant				
<input type="checkbox"/> UL Listed <input type="checkbox"/> CSA Certified <input type="checkbox"/> Other (Specify)					<input type="checkbox"/> Explosion Resistant				
<b>14. THERMAL INSULATION:</b> <input type="checkbox"/> None <input type="checkbox"/> Standard					b) Temperature Range (°F)				
<input type="checkbox"/> High Temperature <input type="checkbox"/> Weatherproof Jacket					<input type="checkbox"/> No 0 - 100 <input type="checkbox"/> 60 - 250				
<b>15. CIRCULATION:</b> <input type="checkbox"/> No Unbaffled <input type="checkbox"/> No Baffled					<input type="checkbox"/> 200 - 550 <input type="checkbox"/> 300 - 700				
<b>16. NOZZLE SIZE, TYPE and ORIENTATION:</b>					<b>25. PROCESS THERMOCOUPLE IN OUTLET:</b>				
<input type="checkbox"/> No Standard or as Indicated Below					a) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Type J <input type="checkbox"/> Type K				
<b>Nozzles</b>	1. Size	2. Type	3. Rating	4. Location	5. Orientation	b) With Separate Terminal Box			
<b>Inlet</b>						<input type="checkbox"/> No None <input type="checkbox"/> No General Purpose			
<b>Outlet</b>						<input type="checkbox"/> No Moisture Resistant <input type="checkbox"/> Explosion Resistant			
<b>Notes:</b> 16.1 Size is Nominal					<b>26. ELECTRONIC HIGH LIMIT PROTECTION CONTROL MOUNTED ON HEATER:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No				
16.2 Type is NPT threaded or raised Face Flange					a) <input type="checkbox"/> General Purpose <input type="checkbox"/> Moisture Resistant				
16.3 Rating is 150 Lb. 300 Lb. etc. if Flanged					<input type="checkbox"/> Explosion Resistant				
16.4 Location is A, B or C (from Figure)					b) <input type="checkbox"/> Model 3283 "J" Input 0 - 1000°F (0 - 500°C)				
16.5 Orientation is 1, 2, 3 or 4 (from Figure)					(non-indicating) "K" Input 0 - 2000°F (0 - 1000°F)				
<b>17. MOUNTING POSITION:</b>					<input type="checkbox"/> Model 3901 "J" Input 0 - 999°F				
<input type="checkbox"/> Vertical-Terminal Box <input type="checkbox"/> Up <input type="checkbox"/> Down					(digital indicating) "K" Input 0 - 1999°F				
<input type="checkbox"/> Horizontal									
<b>18. MOUNTING METHOD:</b> <input type="checkbox"/> Standard or as Indicated Below					<b>27. OVERHEAT THERMOCOUPLE ON HEATING ELEMENT SHEATH:</b>				
18.1 <input type="checkbox"/> Mounting Lugs-Orientation Number					a) <input type="checkbox"/> None <input type="checkbox"/> Type J <input type="checkbox"/> Type K				
18.2 <input type="checkbox"/> Mounting Saddles-Orientation Number					b) With Separate Terminal Box				
<b>Notes:</b> Orientation Number is 1, 2, 3 or 4 (from Figure)					<input type="checkbox"/> None <input type="checkbox"/> General Purpose				
<b>19. LIFTING LUGS on HEATER PIPE BODY:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No					<input type="checkbox"/> Moisture Resistant <input type="checkbox"/> Explosion Resistant				
<b>20. LIFTING LUGS on HEATER FLANGE:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No									
<b>21. DRAIN PIPE-3/4" NPT:</b> <input type="checkbox"/> Yes (Horizontal Mount) <input type="checkbox"/> No					<b>28. SKID MOUNTED CIRCULATION HEATER SYSTEM COMPLETE WITH CONTROL PANEL WIRED TO HEATER:</b>				
<b>22. MECHANICAL PROCESS TEMPERATURE CONTROL MOUNTED ON HEATER:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No					a) <input type="checkbox"/> Yes <input type="checkbox"/> No				
a) <input type="checkbox"/> General Purpose <input type="checkbox"/> Moisture Resistant					b) <input type="checkbox"/> Vertical Orientation <input type="checkbox"/> Horizontal Orientation				
<input type="checkbox"/> Explosion Resistant					c) Control Panel (Attach Detail Requirements)				
b) Temperature Range (°F)					<b>29. Other SPECIAL FEATURES:</b>				
<input type="checkbox"/> 0 - 100 <input type="checkbox"/> 60 - 250									
<input type="checkbox"/> 200 - 500 <input type="checkbox"/> 300 - 700									
<input type="checkbox"/> Other (Specify)									
<b>23. ELECTRONIC PROCESS TEMPERATURE CONTROL MOUNTED ON HEATER:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No									
a) <input type="checkbox"/> General Purpose <input type="checkbox"/> Moisture Resistant					<b>30. MODEL NUMBER:</b>				
<input type="checkbox"/> Explosion Resistant									
b) <input type="checkbox"/> Model 3282 (On-Off Non-indicating)									
<input type="checkbox"/> 0 - 400°F (0 - 200°C) <input type="checkbox"/> 0 - 1000°F (0 - 500°C)									
<input type="checkbox"/> Model 2104 (PID proportional digital indicating)									