

CUSTOM CONTROLLER DESIGN CHECKLIST – PART ONE

Company Name _____ Submitted By: _____

Contact Name: _____

Phone: _____ Email: _____

A. POWER REQUIREMENTS**Single Phase Options** (Single Phase Input → Single Phase Output)

120V→120V	208V→208V	240V→240V	277V→277V	347V→347V
380V→380V	415V→415V	480V→480V	600V→600V	

Three Phase Delta Options

Input Three Phase Delta → Output Single Phase Input Three Phase Delta → Output Three Phase Delta

Select one below

208V→208V	240V→240V	380V→380V	415V→415V	480V→480V	600V→600V
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Three Phase Wye Options (Three Phase Input → Single Phase Output)

208V→120V	380V→240V	415V→240V	480V→277V	600V→347V
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B. Controller

Controller Types: Digital On/Off Digital, PID Digital, Ramp / Soak LYNX OI

Number of Zones: _____ Zones

Output Current per Zone: _____ Amps per zone Please Recommend

Sensor Type: Type J Thermocouple Type K Thermocouple RTD (2-wire) Other: _____

Sensor Connection: Hard Wire Mini Standard Plug Receptacle

C. ENCLOSURE

NEMA RATING: NEMA 1 NEMA 3R NEMA 4X Other: _____

Material: Polycarbonate, clear cover Aluminum Carbon Steel Carbon Stainless Steel

Environment/Approval requirements: Indoor Outdoor/Wet-area CE UL508A Hazardous (specify): _____

Application temperature range: _____ °F

CUSTOM CONTROLLER DESIGN CHECKLIST – PART TWO

D. POWER OPTIONS

Check all that apply:

One on/Off Power Switch for All Zones	One on/Off Power Switch for Per Zones	Door Disconnect Switch (Interlock)	Door Mounted E-stop
Input Fuse Protection	Output Fuse Protection	Input Circuit Breaker	Output Circuit Breaker
Input Power Ground Fault	Output Ground Fault (one per zone)		

Output Power Connection: Hard Wire Receptacle, specify mfg part#: _____

Input Power Connection: Hard Wire Receptacle, specify mfg part#: _____

Length of Input Power Cord: _____ feet

E. ALARM/COMMUNICATION OPTIONS

Receptacles:	Hardwire:	Panel Mount:	
Dry Contact Relay	Dry Contact Relay	Audible Alarm	
RS-485	RS-485	7/8" Alarm Light	Other, Specify: _____

F. SPECIAL INSTRUCTIONS

Customer Signature: _____ **Date:** _____

If you have any question in completing the above checklist, please contact factory.

Thank you for your interest in BriskHeat.