

HB-2 Dual Zone Explosion Proof Technical Specifications

<u>CHARACTERISTIC</u>	<u>SPECIFICATION</u>
Heating Zones	2- Operator Programmable in Bonder and/or Monitor modes
Heating System	Electric Blanket, Heat Lamps, Heat Gun
Heat/Dwell Steps	1 to 6
Heat Up Rate	1° to 15° F/minute in 1° increments
Dwell Temperature	500°F
Dwell Time	0 to 999 minutes in 1° increments
Cool Down Rate	1° to 15° F/minute in 1° increments (passive)
Temperature Accuracy	+/- 5° F
Heat Blankets	10"x10" and 12"x12", and 16"x16" (110V and 220V) standard
Thermocouple	Type J
Active Thermocouple Inputs	16 (Control and Backup)
Vacuum Pump (Standard)	Oil-Free, Electric, 0.90 CFM
External Vacuum	Shop Air with venturi at 60 to 120 psi
Vacuum Lines	.2 with thru-bag connector
Active Vacuum Transducers	.2 (0" to 30" Hg)
Alarm Conditions	Low Vacuum, Open Thermocouple, Under Temperature, Over Temperature, Backwards T/C, Failed T/C, Blanket Control Failure (No Heat)
AC Power Supply	Auto-switching 85 - 265 Volts 47 - 440 Hz, 20 Amp (400 Hz at 115VAC)
AC Safety Devices	Circuit Breaker - 20 Amp, 2 ea. for 40 Amps Total
Size	21" x 14" x 8"
Weight	38 lbs.

HB-2 Dual Zone Features

- ❖ Meets Class 1, Division 1 requirements of NEC and MIL-STD-810F
- ❖ Capable of operating on 50, 60 or 400Hz power
- ❖ Single or multiple T/C control (hottest, coldest, or median/average)
- ❖ Precision (1%) output power control
- ❖ Auto-switching AC universal power
- ❖ Generate vacuum with either internal electric vacuum pump or standard venturi
- ❖ 20A/zone operation, 2 zone.
- ❖ Standard 72-hour service turnaround time
- ❖ Standard 3-year warranty

For more information, to place an order, or for a personal demonstration, please contact:

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