



ITEM	QTY	P/N	DESCRIPTION
1	1	AT0101	THERMOCOUPLE ASSY., TYPE "J".
2	1	AG0415-S	GROUND WIRE ASSY., TANTALUM ROD.
3	1	AT0606-15	THERMAL FUSE ASSY., 93°C.
4	1	307767A	CAPACITIVE SENSOR, PNP, NPN, 10-40VDC, M30.

### ENGINEERING SPECIFICATIONS

#### MATERIAL

HEATER MODULE:	PVDF
CONNECTORS:	PVDF/PFA
HEATER ELEMENT:	PFA JACKET

#### HEATER PLUMBING

PROCESS INPUT/OUTPUT:	1/2" FLARE
DRAIN PORT:	1/4" FNPT (PLUGGED)
LIQUID LEVEL:	CAPACITIVE, NPN, PNP
HEATER HOLDING VOLUME:	0.75gal.
PRESSURE RATING:	60PSI @ 95°C.

#### HEATER EXCHANGER PLUMBING

COOLING INPUT/OUTPUT:	1/2" FLARE
HEATER EXCHANGER MAX. PRESSURE:	70PSI
HEATER EXCHANGER SURFACE AREA:	490in <sup>2</sup>
COOLING TUBE:	1/4" TUBE

#### ELECTRICAL

VOLT:	208VAC, 1-PH
WATTS:	3.0KW
CURRENT:	14AMPS
OHMS:	14.4 Ω
HI-LIMIT T/C:	TYPE "J", 15ft. PFA ENCAPSULATED
PROCESS T/C:	TYPE "J", 15ft. PFA ENCAPSULATED
GROUND WIRE:	TANTALUM ROD, 12GA., 15ft. GREEN & YELLOW STRIPE PFA ENCAPSULATED
LEAD WIRE:	BLACK, 12GA., 15ft.
THERMAL FUSE:	93°C, 15ft.
CONTROL/HEATING INTERFACE	15ft. CONDUIT PROVIDED

NOTE:  
1. SECOND PROCESS RTD SENSOR 100 OHMS IS PROVIDED BY OTHERS.

<b>CONFIDENTIALITY</b>		<b>UNLESS OTHERWISE NOTED</b>		<b>HEATEFLEX CORPORATION</b> 405 E. SANTA CLARA, ARCADIA, CA 91006 TEL: (626) 599-8566 FAX: (626) 599-9567	
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DECIMALS: in mm .XX ± 0.01 ± 0.25 .XXX ± 0.005 ± 0.127 .XXXX ± 0.0005 ± 0.0127 X/XX ± 1/32 < ± 0.5' ± 0.5'		DRAWN BY: M. Tiongco DATE: 10/20/10 ENG/DSGN: [Signature] DATE: [Signature]		DWG. NO.: VHB3-1-03-C-B28 REV. 00	
DRAFTING QC: MM. DATE: 12-06-10		APPROVED BY: [Signature] DATE: 12/06/10		SHEET: 1 OF 3 SCALE: NONE FILE: M043CB28	