

MTV PER – Modification instructions

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Part revision	7
Board SN	
Date	
Performed by	

Done	Modification Instructions	Rev 7
	• Fill all Via with solder from U3 to U8.	CO2 RG3 C53 T (10289 T 1785 R55 R62 T 1785 R62 T 1785 R63 R64 T 1785 R64 R65 R64
	• Install Heat Sink HS1 [A775] using 3 x 6-32 screws x 1/4"long [M491]	
	 Install T3 to T8 [E2168] using Thermal pads [E733] Also required for Triacs mounting are the insulation bushing [E1215] and 4-40x1/4" PH SS [M512] 	



 Solder the Triacs T3 to T8 and cut the pins on the BOTTOM side. Verify that Triacs mounting tabs read very high resistance (> 10MΩ) relative to Heat Sink. 	
• If not placed please place U2 ATUC64L (E1962).	R147 R147 R19 C27 R20 R27 R20 R27 R30 R30 R36 R36 R36 R36 R36 R37 R36 R37
 Clean the board with isopropyl alcohol. Apply step sticker (Mod. OK) to TOP side 	APPROVED PLANTING ON THE PROPERTY CONTROL