



## ***ALPHA RADIO PRODUCTS, LLC***

RF Power for Communications and Industry  
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### **ALPHA 91B FAN INSTALLATION**

- 1) Unplug the 91B and remove the cover.
- 2) Remove the transformer.
- 3) Remove the 4 screws from the fan grill and remove the grill.
- 4) Install the fan on the 91B so that the air blows into the amplifier and the wires come into the amplifier chassis at the upper left-hand corner of the fan opening (viewed from front of amp). The fan is to be mounted on the outside of the amplifier, using 4 screws with 4 nuts and 4 lockwashers. The remaining 4 screws, lockwashers, 4 flat washers and 4 nuts are used for mounting the grill to the fan body, use flat washers under the screws securing the grill to the fan body and lock washers under the nuts. Discard the 4 original shorter screws.
- 5) Route the wires over to the AC mains tap selection terminal strip.
- 6) Connect the fan wires to the mains tap strip to the same terminals as the main tubedeck blower wires (large black wires), per the chart below.
- 7) Install the transformer and cover in accordance with the owner's manual.

AC mains voltage settings:

Primary	'A' Wire	'B' Wire	Blower	JUMPERS
230-250v	4	2	4&2	not used
210-230v	4	3	4&3	not used
190-210v	5	3	4&3	not used
110-130v	4	6	4&7	1-2 6-7
90-110v	5	6	4&7	1-3 6-7

Using these settings for the Mains and blower wiring will put approximately 120vac on the blower for all settings. Connect optional rear fan wires to the same terminals as the blower wires.