

TMC SPECIFICATION

NO. S 1138

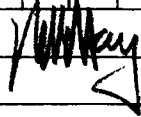
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SHEET 1 OF 6

TITLE:

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SPECIFICATIONS

for

BLOWER MODIFICATION - KIT-317

(Modification of HFP-1 to HFP-1A)

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(Modification of HFP-1 to HFP-1A)

I. PURPOSE

To provide adequate cooling of the HFP-1 in extreme ambients.

II. MATERIALS SUPPLIED

<u>Item</u>	<u>Qty</u>	<u>Part No.</u>	<u>Designation</u>	<u>Symbol</u>
1	2	MS 5028	Blower Bracket	
2	1	NP 360-8	Modification Nameplate	
3	1	LD-2166/MS 5034	Rear Plate	
4	1	CK546	Schematic Diagram	
5	2	BL 127 -1	Blower	B5001, B5002
6	12 ft.	MWC18(16)UØ	Hookup Wire	
7	2	BL 127-GR	Guard Blower	
8	2	EY 102-13	Grommets	
9	10	CU-142-6-9	Adjustable Cable Strap	
10	4 in.	PX 100-1-095	Plastic Tubing	

III. PROCEDURE

1. Remove all external power and cable connections to the HFP and remove it from the rack.
2. Remove top and bottom covers of the HFP-1.
3. Remove rear plate of HFP-1, carefully marking all leads and sockets that must be removed from the rear plate, for proper identification. Save all hardware.
4. Mount the blower (Item 5) on the brackets (MS 5028 - Item 1) so that the nameplate is on the outside.

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(Modification of HFP-1 to HFP-1A)

III. PROCEDURE - Cont'd

5. Mount the brackets with the blowers attached on the external side of the new rear panel (Item 3) so that the nameplate is outside, (airflow should go into the HFP); a-c plugs close to the grommet holes (hole for B5001 beneath S8001, and hole for B5002 between J8009 and J8010). If the a-c plugs on the blowers are not near the grommet holes, re-position the blowers on their brackets.
6. Insert grommets, (Item 8).
7. Install the blower guards (Item 7 - hardware supplied).
8. Cut the 12 ft. section of wire supplied (Item 6) into four 3 ft. sections. Solder one lead onto each of the blower terminals. Slip a piece of the plastic tubing supplied over each of the four connections made.
9. Run the other ends of these leads through their respective grommet holes (one pair per hole). The other ends of these leads must be connected to T8005 and T8006 (the two large transformers as the front of the unit).
10. Run each pair of leads along the cable harnesses going to each of the two transformers, and tie them to these harnesses with the cable fasteners supplied. Snip off excess wire and solder the pair of leads from B5001 to Pins 1 and 3 of T8005, and solder the pair of leads from B5002 to Pins 1 and 3 of T8006.
11. Install the new rear plate assembly. Use care to orient all harnesses properly, and be certain that all sockets and leads are re-installed in their respective places.

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III. PROCEDURE - Cont'd

12. Replace the top and bottom covers.

13. Place the modification nameplate (NP 360-8 - supplied ^(Item 2) on the new rear panel. This completes the modification.

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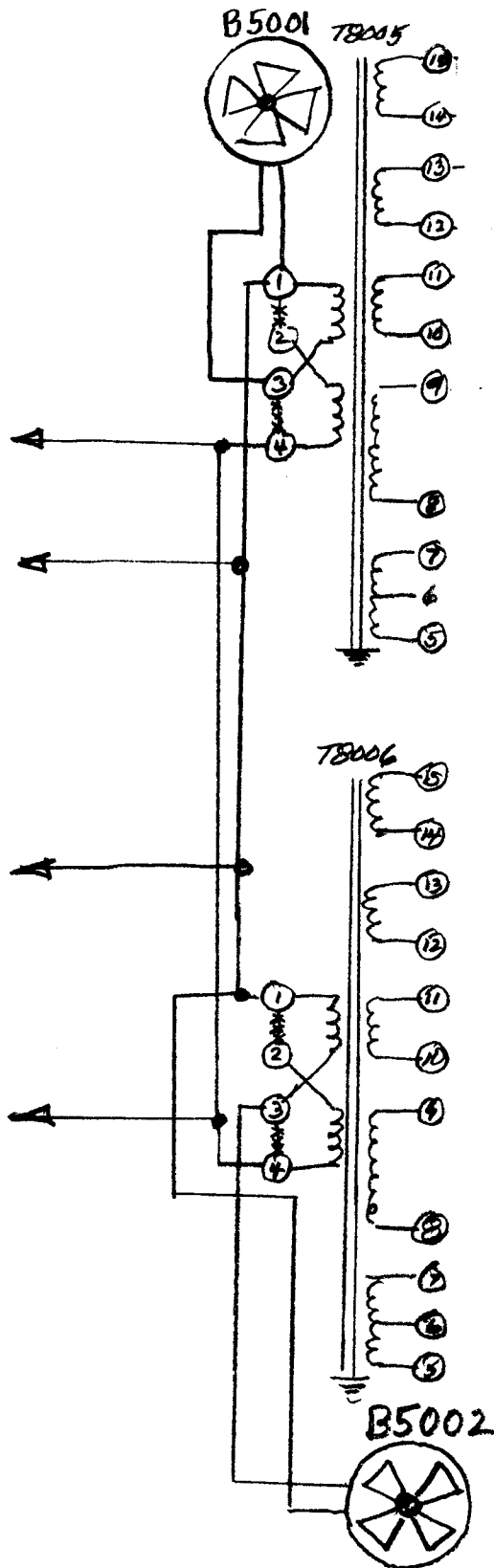


FIGURE 1

