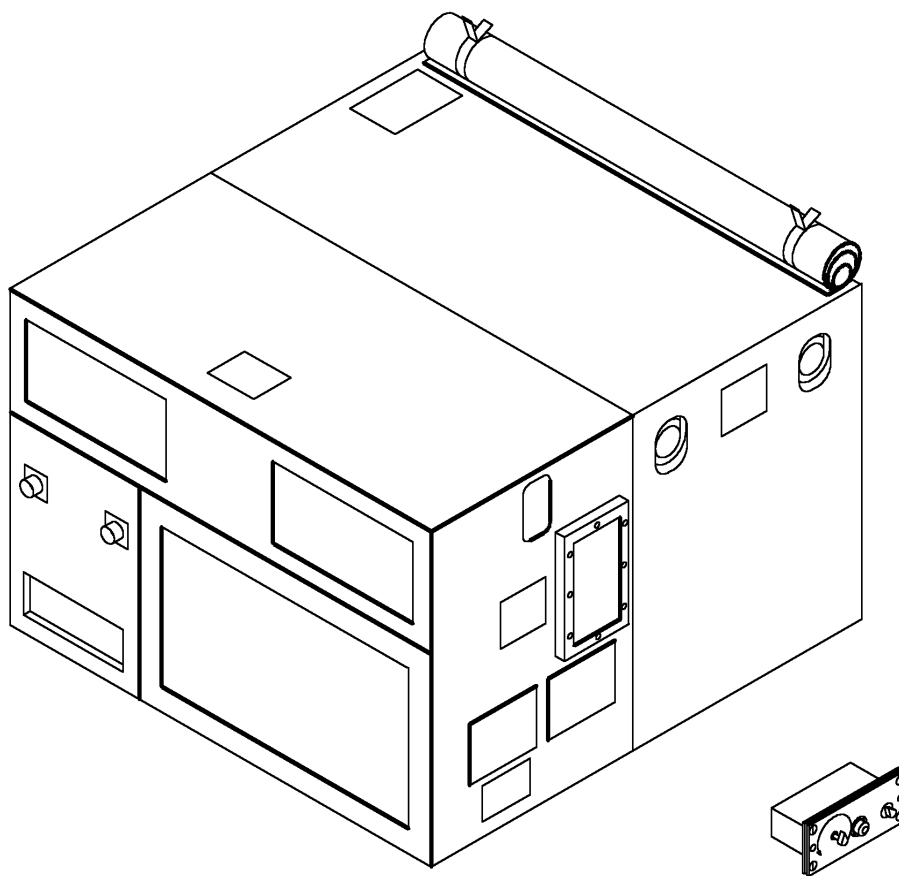


TM 9-4120-423-14&P

**TECHNICAL MANUAL
OPERATOR'S, UNIT, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR
AIR CONDITIONER 24,000 BTU, SPLIT PACK
MODEL HSP24C30H
(NSN 4120-01-459-5022) (EIC: N/A)**



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**HEADQUARTERS, DEPARTMENT OF THE ARMY
1 DECEMBER 2001**

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TECHNICAL MANUAL

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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 1 December 2001

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, U.S. Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LEO-D-CS-CFO, Fort Monmouth, New Jersey 07703-5006. The fax number is 732-532-1413, DSN 992-1413. You may also email your recommendations to AMSEL-LC-LEO-PUBS-CHG@mail1.monmouth.army.mil. In any case, we will send you a reply.

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TABLE OF CONTENTS

I. CHAPTER 1. INTRODUCTORY INFORMATION WITH THEORY OF OPERATION	<u>WP Sequence No.</u>
A. General Information	WP0001 00
1. SCOPE 2. MAINTENANCE FORMS AND RECORDS 3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR) 4. CORROSION PREVENTION AND CONTROL (CPC) 5. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE. 6. PREPARATION FOR STORAGE OR SHIPMENT a. GENERAL b. ADMINISTRATIVE STORAGE OF EQUIPMENT c. INTERMEDIATE STORAGE d. LONG-TERM OR FLYABLE STORAGE 7. WARRANTY INFORMATION 8. NOMENCLATURE CROSS REFERENCE LIST 9. LIST OF ABBREVIATIONS	
B. Air Conditioner Equipment Description and Data	WP0002 00
1. CHARACTERISTICS, CAPABILITIES, AND FEATURES 2. LOCATION AND DESCRIPTION OF MAJOR COMPONENTS a. CONDENSER COVER b. FRESH AIR COVER c. POWER CONNECTOR (J1) d. REMOTE CONTROL CONNECTOR (J7) e. TEMPERATURE CONTROL (A1-R1) f. RUN INDICATOR LIGHT (XDS1) g. MODE SELECTOR SWITCH (S1) h. TIME TOTALIZING (HOUR) METER (M1) i. SIGHT GLASS j. LOW SIDE SERVICE VALVE k. HIGH SIDE SERVICE VALVE l. HIGH PRESSURE CUTOUT (SWITCH) RESET (S4) 3. EQUIPMENT DATA 4. EQUIPMENT CONFIGURATION	

C. Theory of Operation WP0003 00

1. SYSTEM OPERATION
 - a. COOLING CYCLE
 - b. BYPASS CYCLE
 - c. HEATING

D. Supporting Data for Repair Parts, Special Tools, TMDE, and Support Equipment WP0004 00

II. CHAPTER 2. OPERATOR INSTRUCTIONS

A. Description and Use of Operator's Controls and Indicators WP0005 00

1. GENERAL
2. OPERATOR'S CONTROLS AND INDICATORS

B. Operation Under Usual Conditions WP 0006 00

1. INSTALLATION SITE PREPARATION
2. UNLOADING
3. UNPACKING
4. AIR CONDITIONER INSTALLATION
5. OPERATION IN COOL MODE
6. OPERATION IN THE LOW HEAT MODE
7. OPERATION IN THE HIGH HEAT MODE
8. SHUTDOWN
9. INFORMATION PLATES
10. PREPARATION FOR MOVEMENT

C. Operation Under Unusual Conditions WP 0007 00

III. CHAPTER 3. UNIT TROUBLESHOOTING PROCEDURES

A. Introduction WP 0008 00

B. Malfunction/Symptom Index WP 0009 00

C. Troubleshooting Procedures WP 0010 00

1. AIR CONDITIONER WILL NOT START IN ANY MODE
 2. COOLING ACTION STOPS AFTER OPERATING A SHORT TIME
 3. EVAPORATOR BLOWER MOTOR FAILS TO START
 4. INSUFFICIENT HEATING
- TABLE OF CONTENTS (CONTINUED)

5. RUN INDICATOR LIGHT DOES NOT ILLUMINATE
WITH AIR CONDITIONER OPERATING
6. TEMPERATURE CONTROL NOT EFFECTIVE
7. UNUSUAL NOISE OR VIBRATION

IV. CHAPTER 4. UNIT MAINTENANCE INSTRUCTIONS

A. Service Upon Receipt	WP 0011 00
B. PMCS, Including Lubrication Instructions	WP 0012 00
C. Maintenance	WP 0013 00
1. EVAPORATOR ASSY AND CONDENSER ASSY SEPARATION AND RECONNECTION	WP 0014 00
2. ELECTRICAL WIRING REPAIR GENERAL	WP 0015 00
3. FINISH REPAINTING AND REFINISHING GENERAL	WP 0016 00
4. PLUG, DRAIN	WP 0017 00
5. PROTECTIVE ELECTRICAL CAPS & COVERS	WP 0018 00
6. TEMPERATURE SENSING PROBE (A1-RT)	WP 0019 00
7. THERMOSTATIC SWITCHES (S2 AND S3), TERMINAL BOARD (TB2) & TERMINAL BOARD SUPPORT	WP 0020 00
8. HEATING ELEMENTS (HR1 THROUGH HR15)	WP 0021 00
9. PLASTIC TUBING (CONDENSATE DRAIN)	WP 0022 00
10. FILTER, RADIO FREQ & GASKET	WP 0023 00
11. COVERS, ACCESS AND FRESH AIR	WP 0024 00
12. COVER, FRONT, EVAPORATOR AND BLOCKING PLATE	WP 0025 00
13. COVER, TOP, EVAPORATOR	WP 0026 00
14. FRAME, RETURN AIR	WP 0027 00
15. FRAME, EVAPORATOR DISCHARGE	WP 0028 00
16. EVAPORATOR ASSEMBLY WIRING HARNESSES AND BULKHEAD CONNECTORS	WP 0029 00
17. EVAPORATOR FAN (IMPELLER) AND MOTOR ASSEMBLY	WP 0030 00
18. EVAPORATOR HOUSING	WP 0031 00
19. ELECTRICAL MODULE ASSEMBLY, EVAPORATOR SECTION	WP 0032 00
20. MODULE MOUNTING SCREWS, EVAPORATOR ELECTRICAL MODULE	WP 0033 00
21. VARISTOR (RV4) & TRANSFORMER (T1)	WP 0034 00
TABLE OF CONTENTS (CONTINUED)	
22. TEMPERATURE CONTROL COMPONENT BOARD (A1)	WP 0035 00

23.	FUSE (F1) AND FUSEHOLDER (XF1)	WP 0036 00
24.	RECTIFIER (CR1) & CAPACITOR (C1)	WP 0037 00
25.	RELAYS (K3, K4, AND K5)	WP 0038 00
26.	TERMINAL BOARD (TB1) AND JUMPERS	WP 0039 00
27.	CHASSIS, EVAPORATOR ELECTRICAL MODULE	WP 0040 00
28.	TOP COVER AND GROMMETS, EVAPORATOR ELECTRICAL MODULE	WP 0041 00
29.	WIRING HARNESSSES, RECEPTACLE GASKETS, LEADS AND DISCONNECT SPLICES, EVAPORATOR ELECTRICAL MODULE	WP 0042 00
30.	COVER, FEED THROUGH	WP 0043 00
31.	COVERS, FRONT, TOP, AND FABRIC	WP 0044 00
32.	COVERS, RIGHT AND LEFT END	WP 0045 00
33.	GUARD AND GRILLE, CONDENSER	WP 0046 00
34.	HARNESSSES & LEADS (CONDENSER ASSEMBLY)	WP 0047 00
35.	VARISTORS (RV1, RV2, AND RV3) AND TERMINAL BOARD (TB4)	WP 0048 00
36.	BLOWER HOUSING, FAN INLET AND MOTOR	WP 0049 00
37.	CONDENSER HOUSING ASSEMBLY	WP 0050 00
38.	ELECTRICAL MODULE ASSEMBLY, CONDENSER SECTION	WP 0051 00
39.	CONDENSER MODULE COVER	WP 0052 00
40.	TIME TOTALIZING METER (HOUR METER) (M1)	WP 0053 00
41.	TERMINAL BOARD (TB3) AND CONNECTING LINKS	WP 0054 00
42.	EMI GASKETS, WIRING HARNESSSES AND LEADS	WP 0055 00
43.	CHASSIS AND SNAP FASTENER	WP 0056 00
44.	REMOTE CONTROL ASSEMBLY	WP 0057 00
45.	BOX, REMOTE CONTROL	WP 0058 00
46.	ROTARY, MODE SELECTOR, SWITCH (S1) AND KNOB	WP 0059 00
47.	RUN INDICATOR LIGHT (XDS1) AND BULB REPLACEMENT	WP 0060 00
48.	TEMPERATURE CONTROL (A1-R1)	WP 0061 00
49.	COVER, REMOTE CONTROL	WP 0062 00
50.	WIRING HARNESS, EMI GASKET, AND ELECTRICAL LEADS-REMOTE CONTROL BOX	WP 0063 00
51.	DIODE (D1) WITH TERMINAL	WP 0064 00

V. CHAPTER 5. DIRECT SUPPORT TROUBLESHOOTING PROCEDURES

A. Introduction	WP 0065 00
-----------------	------------

B. Malfunction/Symptom Index

WP 0066 00

C. Troubleshooting Procedures

WP 0067 00

1. COMPRESSOR FAILS TO START. (CONDENSER BLOWER MOTOR DOES NOT START, EVAPORATOR BLOWER MOTOR STARTS.)
2. COMPRESSOR FAILS TO START (EVAPORATOR AND CONDENSER BLOWER MOTORS START.)
3. INSUFFICIENT COOLING

TABLE OF CONTENTS (CONTINUED)**VI. CHAPTER 6. DIRECT SUPPORT MAINTENANCE INSTRUCTIONS****A. Maintenance**

1.	DIRECT SUPPORT MAINTENANCE INSTRUCTIONS	WP 0068 00
2.	REFRIGERATION SYSTEM REPAIRS GENERAL	WP 0069 00
3.	DISCHARGING THE REFRIGERANT SYSTEM	WP 0070 00
4.	PURGING THE REFRIGERANT SYSTEM	WP 0071 00
5.	BRAZING/DEBRAZING PROCEDURES	WP 0072 00
6.	LEAK TESTING THE REFRIGERANT SYSTEM	WP 0073 00
7.	EVACUATING THE REFRIGERANT SYSTEM	WP 0074 00
8.	CHARGING THE REFRIGERANT SYSTEM	WP 0075 00
9.	REFRIGERANT PRESSURE CHECK	WP 0076 00
10.	TUBING & FITTINGS (EVAPORATOR ASSEMBLY)	WP 0077 00
11.	EVAPORATOR COIL, MALE COUPLING HALF AND EXPANSION VALVE	WP 0078 00
12.	SIGHT GLASS	WP 0079 00
13.	DEHYDRATOR (FILTER DRIER)	WP 0080 00
14.	RECEIVER, LIQUID REFRIGERANT	WP 0081 00
15.	EXPANSION VALVE, QUENCH	WP 0082 00
16.	DISCHARGE BYPASS VALVE	WP 0083 00
17.	VALVE MOUNTING BRACKET	WP 0084 00
18.	HIGH PRESSURE SWITCH (S4)	WP 0085 00
19.	LOW PRESSURE SWITCH (S5)	WP 0086 00
20.	PRESSURE RELIEF VALVE	WP 0087 00
21.	SERVICE VALVES, CAP AND CHAIN	WP 0088 00
22.	CONTROL, HEAD PRESSURE	WP 0089 00
23.	TUBING & FITTINGS (CONDENSER ASSEMBLY)	WP 0090 00
24.	FLEXIBLE HOSE ASSEMBLIES, SUCTION AND DISCHARGE	WP 0091 00
25.	COUPLING HALF, MALE (CONDENSER REFRIGERANT PIPING DISCONNECT)	WP 0092 00
26.	SOLENOID VALVES (L1 AND L2)	WP 0093 00
27.	MOUNTING BRACKET, SOLENOID VALVES	WP 0094 00
28.	CONDENSER COIL	WP 0095 00
29.	RUBBER MOUNTS, COMPRESSOR	WP 0096 00
30.	COMPRESSOR	WP 0097 00

VII. CHAPTER 7. GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

No repair authorized

VIII. CHAPTER 8. SUPPORTING INFORMATION

A. References	WP 0098 00
B. MAC	WP 0099 00
C. RPSTL	WP 0100 00
1. 24,000 BTU/HR SPLIT PACK AIR CONDITIONER	WP 0101 00
2. EVAPORATOR ASSY	WP 0102 00
3. COVERS	WP 0103 00
4. FRAMES	WP 0104 00
5. HARNESS ASSYS	WP 0105 00
6. MOTOR ASSY	WP 0106 00
7. COIL, EVAPORATOR	WP 0107 00
8. COUPLING HALVES, MALE	WP 0108 00
9. VALVE, EXPANSION	WP 0109 00
10. HOUSING ASSY	WP 0110 00
11. ELECTRICAL MODULE	WP 0111 00
12. COVER	WP 0112 00
13. HARNESS ASSYS AND LEADS	WP 0113 00
14. CONDENSER ASSY	WP 0114 00
15. COVERS	WP 0115 00
16. GUARD, CONDENSER	WP 0116 00
17. GRILLE, DISCHARGE	WP 0117 00
18. HARNESS ASSYS AND LEADS	WP 0118 00
19. TERMINAL BOARD	WP 0119 00
20. HOUSING, BLOWER	WP 0120 00
21. MOTOR, AC	WP 0121 00
22. HOSE ASSY, DISCHARGE	WP 0122 00
23. COUPLING HALF, FEMALE	WP 0123 00
24. HOSE ASSY, SUCTION	WP 0124 00
25. COUPLING HALF, FEMALE	WP 0125 00
26. VALVE, SOLENOID	WP 0126 00
27. COIL, CONDENSER	WP 0127 00
28. COMPRESSOR ASSY	WP 0128 00
29. HOUSING, COND	WP 0129 00
30. ELECTRICAL MODULE	WP 0130 00
31. HARNESS ASSYS AND LEADS	WP 0131 00
32. CHASSIS	WP 0132 00
33. REMOTE CONTROL ASSY	WP 0133 00
34. REMOTE BOX	WP 0134 00
35. HARNESS ASSYS AND LEADS	WP 0135 00
36. DIODE/TERMINAL	WP 0136 00
37. BULK MATERIALS LIST	WP 0137 00

VIII. CHAPTER 8. SUPPORTING INFORMATION (Continued)

D. National Stock Number and Part Number Index	WP 0138 00
E. Components of End Item (COEI) and Basic Issue Items (BII) Lists	WP 0139 00
F. Additional Authorization List (AAL)	WP 0140 00
G. Expendable and Durable Items List	WP 0141 00
H. Stowage and Decal/Data Plate	WP 0142 00
I. Tool Identification List	WP 0143 00
J. Illustrated List of Manufactured Items	WP 0144 00
K. Torque Limits	WP 0145 00
L. Wiring Diagrams	WP 0146 00
Index	

**CHAPTER 1.
INTRODUCTORY INFORMATION WITH
THEORY OF OPERATION
FOR
AIR CONDITIONER**

GENERAL INFORMATION

0001 00

General Information**SCOPE**

- a Type of Manual. Operators, Unit, Direct Support, and General Support Maintenance Manual.
- b Model Number and Equipment Name WEDJ Model HSP24C30H, Split Package, 24,000 BTU/HR Cooling, Air Conditioner.
- c Purpose of equipment. Cools, heats, and ventilates enclosed space (shelter). The unit covered by this manual is designed for cooling and heating air to a desired predetermined range and circulating the conditioned air to provide heating and cooling of equipment or personnel within the conditioned area.

MAINTENANCE FORMS AND RECORDS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, Functional Users Manual for the Army Maintenance Management System (TAMMS)

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your Air Conditioner needs improvement, let us know. Send us an EIR. You, the user are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on a SF 368 (Product Quality Deficiency Report). Mail it to the address specified in DA PAM 738-750, Functional Users Manual for the Army Maintenance Management system (TAMMS), or as specified by the contracting activity. We will send you a reply.

CORROSION PREVENTION AND CONTROL (CPC)

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials, such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of these materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using SF 368, Product Quality Deficiency Report. Use of key words such as "corrosion", "rust", "deterioration", or "cracking" will ensure that the information is identified as a CPC problem.