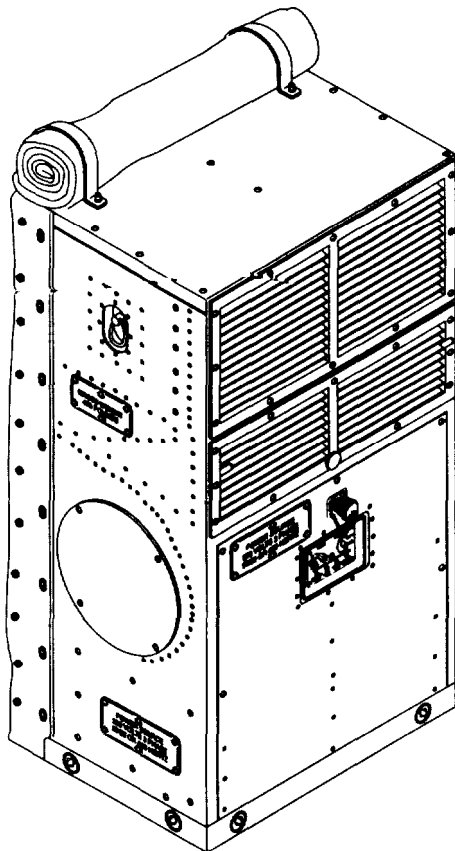


**OPERATOR'S, UNIT, DIRECT
SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL**



**AIR CONDITIONER,
36,000 BTU, VERTICAL,
MULTI-POWER INPUT,
MODEL F36T-MPI
NSN 4120-01-359-0083**

DISTRIBUTION STATEMENT A:
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**OPERATOR PREVENTIVE
MAINTENANCE CHECKS AND
SERVICES (PMCS) 2-5**

UNIT MAINTENANCE INSTRUCTIONS 3-1

**UNIT PREVENTIVE MAINTENANCE
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**DIRECT SUPPORT
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MAINTENANCE ALLOCATION CHART B-1

TECHNICAL MANUAL

No. 9-4120-407-14

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 28 February 1995

**OPERATOR'S, UNIT, DIRECT SUPPORT,
AND GENERAL SUPPORT MAINTENANCE MANUAL,**

**AIR CONDITIONER, 36,000 BTU, VERTICAL,
MULTI-POWER INPUT**

MODEL F36T-MPI

NSN 4120-01-359-0083

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 these procedures, please let us know. Mail your letter or 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, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 83120-1798 or E-mail to AMSATIMP@st-louis-emh7.army.mil. Fax to (314) 263-9033. A reply will be furnished directly to you.

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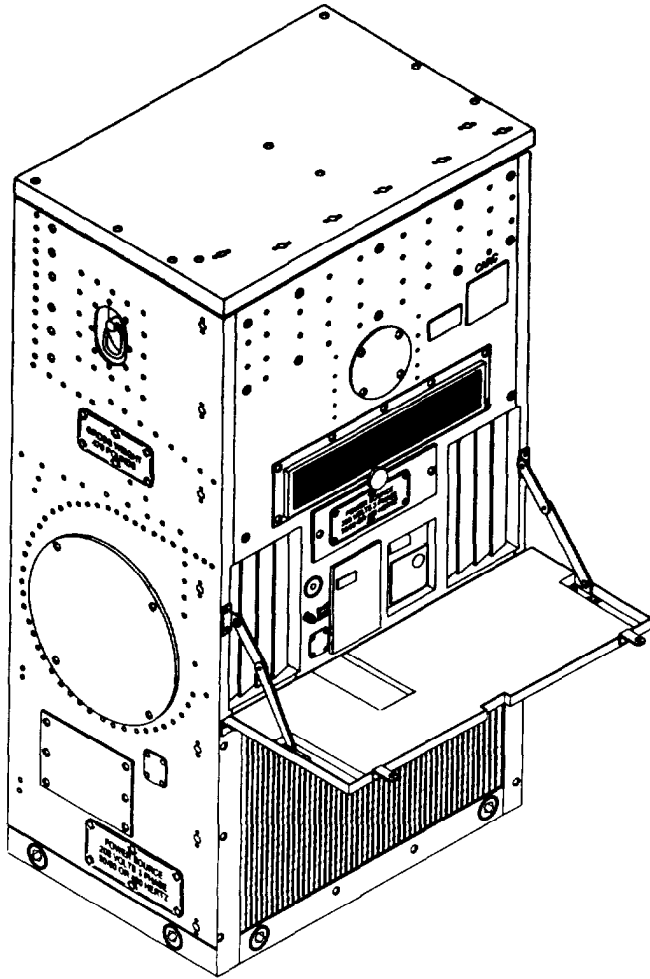
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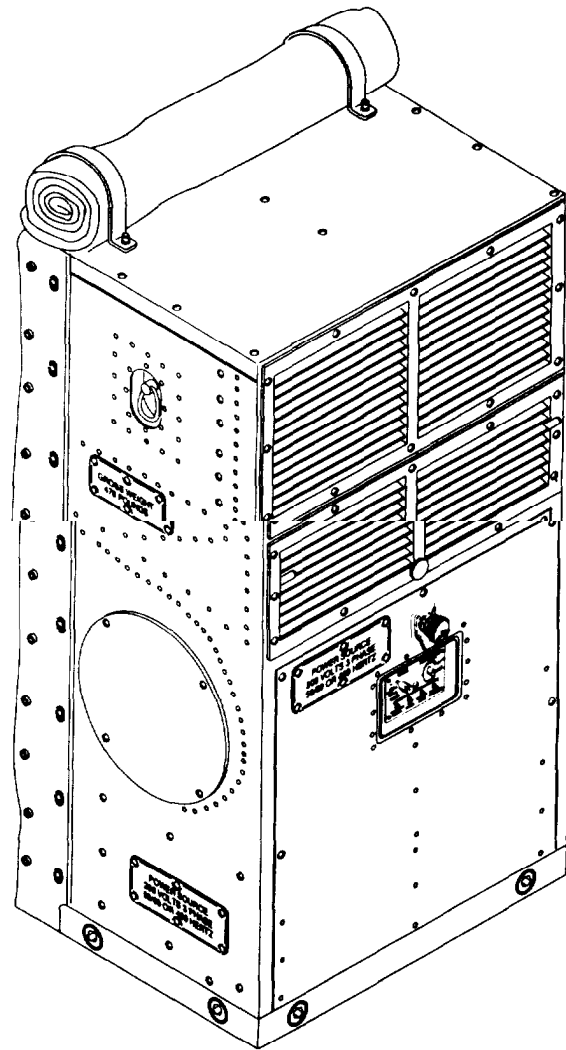
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AIR CONDITIONER-REAR
AND RIGHT SIDE VIEW
(WITH FABRIC COVER REMOVED
AND CONDENSER DISCHARGE
AIR DEFLECTOR DOOR OPEN)



AIR CONDITIONER-FRONT
AND LEFT SIDE VIEW

Figure 1-0. Air Conditioner

CHAPTER 1

INTRODUCTION

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SECTION I GENERAL INFORMATION

1-1. SCOPE. This manual covers instructions required to operate, troubleshoot and maintain the 36,000 BTU/HR, air conditioner required by operators, unit, direct support, and general support personnel. The type, model and purpose for this equipment is as follow:

- a. Type of Manual. Operator’s, Unit, Direct Support, and General Support Maintenance Manual.
- b. Model Number and Equipment Name. Keco Model F36T-MPI, Vertical, Compact, 36,000 BTU/HR, Multi-Power Input, 208 Volt, 3 Phase, 50/60/400 Hertz Air Conditioner.
- c. Purpose of Equipment. The air conditioner 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.

1-2. MAINTENANCE FORMS AND RECORDS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750 (The Army Maintenance Management System (TAMMS) (Maintenance Management UPDATE).

1-3. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE. For destruction of Army material to prevent enemy use see TM 750-244-3.

1-4. PREPARATION FOR STORAGE OR SHIPMENT. See Chapter 3, Section VII for administrative storage or shipment information.