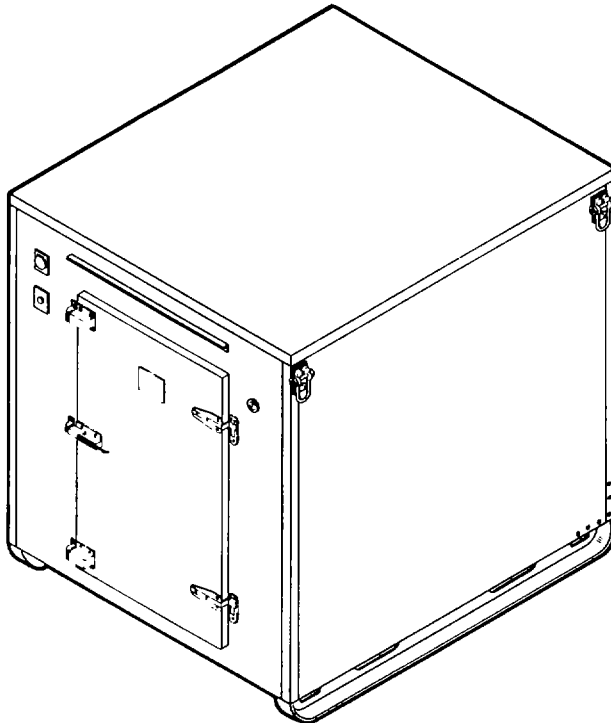


**OPERATOR'S, ORGANIZATIONAL AND
DIRECT SUPPORT MAINTENANCE MANUAL
WITH REPAIR PARTS AND
SPECIAL TOOLS LIST**



**REFRIGERATOR, MECHANICAL,
FIELD, PORTABLE, WALK-IN,
PLUG-IN (150 CUBIC FOOT),
MDSI-150R
(4110-01-143-0056)**

**HEADQUARTERS, DEPARTMENT
OF THE ARMY
21 NOVEMBER 1983**

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TECHNICAL MANUAL

5-4110-240-13&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 21 November 1983

Operator's, Organizational, and Direct Support Maintenance Manual
With Repair Parts and Special Tools List

For
**REFRIGERATOR, MECHANICAL, FIELD, PORTABLE, WALK-IN,
PLUG-IN, (150 CUBIC FOOT) MODELS MDSI-150R (4110-01-143-0056)
AND AA-150-WPR (4110-01-269-3914)**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 direct to: Commander, US Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

Approved for public release; distribution is unlimited

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CHAPTER 1

INTRODUCTION

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Section I. GENERAL INFORMATION

1-1. SCOPE.

TYPE OF MANUAL:

Operator's, Organizational, and Direct Support Maintenance Manual with Repair Parts and Special Tools List

MODEL NUMBER AND EQUIPMENT NAME:

Refrigerator, Mechanical, Field, Portable, Walk-In, Plug-In (150 Cubic Foot) Models, MDSI- 150R and REF 150

PURPOSE OF EQUIPMENT:

This unit is ;a field refrigerator box supplied without refrigeration equipment. Mechanical refrigeration equipment can be installed to provide cold storage for perishable items

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).

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.

Refer to TM 750-244-3 for procedures covering the destruction of Army materiel to prevent enemy use.

1-4. HAND RECEIPT MANUAL.

This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt). The TM 5-4110-240-13&P-HR consists of preprinted hand receipts (DA Form 2062) that list end item related equipment (i.e., COEI, BII, and AAL) you must account for. As an aid to property accountability, additional -HR manuals may be requisitioned from the following source in accordance with the procedures in Chapter 3, AR310-2:

The US Army Adjutant General Publications Center
ATTN: AGLD-OD
2800 Eastern Boulevard
Baltimore, MD 21220-2896

1-5. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR's).

If your refrigerator 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 an SF 368 (Quality Deficiency Report). Mail it to us at: Commander, US Army Troop Support Command, AI I N: AMSTR-QX, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. We'll send you a reply.