

HAND RECEIPT

**COVERING END ITEM/COMPONENTS OF END ITEM
(COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL
AUTHORIZATION LIST ITEMS (AAL) FOR
REFRIGERATION UNIT, MECHANICAL, PANEL
MOUNTED ELECTRIC MOTOR DRIVEN,
MODEL F 10000 R-6 NSN 4110-01-077-8253
GASOLINE ENGINE DRIVEN, MODEL F 10000 RG-2
NSN 4110-01-074-5175**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
19 OCTOBER 1981**

TECHNICAL MANUAL
NO. 5-4110-234-14-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 19 October 1981

HAND RECEIPT
COVERING END ITEM/COMPONENTS OF END ITEM (COEI),
BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST ITEMS (AAL) FOR
REFRIGERATION UNIT, MECHANICAL, PANEL MOUNTED
ELECTRIC MOTOR DRIVEN, MODEL F 10000 R-6
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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, direct to: Commander, US Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MTT, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished directly to you.

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Section I
INTRODUCTION

1. Scope. This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization list (AAL) items related to the compressor.

2. General.

a. Section II is the overprinted DA Form 2062 which lists the line item entry for System/End Item and the content of COEI, BII, and AAL extracted from TM 5-4110-234-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4110-234-14.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form

2062 is authorized. However, organizations shall comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from the US Army AG Publications Center, 2800 Eastern Blvd., Baltimore, MD 21220, in accordance with Chapter 3, AR 310-2.

3. Explanation of Blocks and Columns IDA Form 2062). Refer to Chapter 2, AR 710-2. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirements status of all line item entries via the description column for each item: (I.e., the first entry in the item description column) shall be the line item's Expendability (EXP)/Accounting Requirements Code (ARC), in parentheses, in front of the line item name. One of the following codes will apply:

- (N) for Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item. which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".
- (D) for Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSCs 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220 and 5280: and any other nonconsumable with a price in excess of \$50.00 not already "N".
- (X) for Expendable: Items regardless of type classification or price and
- b.** Authorization documents are as follows:
- (1) Components for End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).
 - (2) Basic Issue Items (BII) are authorized by the applicable operator's manual.
 - (3) Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTS, or JTA authorization documents.

Section II

TM 5-4110-234-14-HR

HAND RECEIPT/ANNEX NO. <i>(AR 735-35)</i>		FROM:				TO: Hand Receipt File No.										
Following last item, state in each balance column the type of action (e.g. <i>issue, turn-in, inventory, etc.</i>) producing this balance, date of action, and signature.		Fill in the following when this form is used as Hand Receipt Annex.														
		CATALOG NO. TM 5-4110-234-14				CURR OF ALW				ITEM Refrigeration Unit, Mechanical						
STOCK NO.	ITEM DESCRIPTION	T^1	C^2	BALANCE												
		(a)	(t)	1	2	3	4	5	6	7	8	9	10	11	12	
4110-01-074-5175	(N) Refrigeration Unit - Gas Motor	1														
4110-01-077-8253	(N) Refrigeration Unit - Electric Motor															
	Components of End Item (COEI) (Not applicable)															
	Basic Issue Items (BII) (Not applicable)															
	Additional Authorization List (AAL)															
7520-00-559-9618	(N) Cotton Duck Case	1														
7510-00-889-3494	(N) Log Book Binder	1														

¹ T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Annexes.
² C - Current operating allowance for Hand Receipts. (t) Total authorized for Hand Receipt Annexes.

STOCK NO.	ITEM DESCRIPTION	T^1	C^2	BALANCE												
		(a)	(t)	1	2	3	4	5	6	7	8	9	10	11	12	

¹ T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Annexes.
² C - Current operating allowance for Hand Receipts. (t) Total authorized for Hand Receipt Annexes.

By Order of the Secretary of the Army:

Official:

E. C. MEYER
General, United States Army
Chief of Staff

ROBERT M. JOYCE
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25C, Organizational Maintenance requirements for Refrigeration Equipment.

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



*THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS FORM.
CAREFULLY TEAR IT OUT, FOLD IT
AND DROP IT IN THE MAIL.*

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 decagram = 10 grams = .35 ounce
 1 hectogram = 10 decagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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