

**HAND RECEIPT**

**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BII), AND ADDITIONAL  
AUTHORIZATION LIST (AAL)**

**FOR**

**AIR CONDITIONER, VERTICAL COMPACT  
18,000 BTU/HR, 208 VOLT, 3 PHASE, 50/60 HZ  
MODEL 18KV-208-3-60  
NSN 4120-01-089-4053**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**12 AUGUST 1981**

Hand Receipt

TM 5-4120-356-14-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D. C., 12 August 1981

**HAND RECEIPT  
COVERING CONTENTS OF  
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII),  
AND ADDITIONAL AUTHORIZATION LIST ITEMS (AAL)  
FOR  
AIR CONDITIONER, VERTICAL COMPACT  
18,000 BTU/HR, 208 VOLT 3-PHASE, 50/60 HZ  
MODEL 18 KV-208-3-60  
NSN 4120-08-089-4053**

**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-MPSD, 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 Air Conditioner, Vertical Compact, 18,000 BTU/HR, Model 18KV-208-3-60.

**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 5-4120-356-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4610-356-14.

**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 (DA 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 requirement status of all line item entries via the description column for each item: (i.e., the first entry in the 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.

(D) for Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC's 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 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".

**b.** Authorization documents areas 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, CTA, or JTA authorization documents.

Section II. HAND RECEIPT

<b>HAND RECEIPT/ANNEX NO.</b> <small>(AR 735-35)</small>		FROM:				TO: Hand Receipt File No.										
Following last item, state in each balance column the type of action (e.g. issue, turn-in, inventory, etc.) producing this balance, date of action, and signature.		Fill in the following when this form is used as Hand Receipt Annex.														
		CATALOG NO. TM 5-4120-356-14				CURR OP ALW		ITEM AIR CONDITIONER 18,000 BTU/HR								
STOCK NO.	ITEM DESCRIPTION	T <sup>1</sup> (a)	C <sup>2</sup> (t)	BALANCE												
				1	2	3	4	5	6	7	8	9	10	11	12	
4120-01-089-4053	AIR CONDITIONER, 18,000 BTU/HR															
	COMPONENTS OF END ITEM (COEI)															
	(N) CONTROL PANEL, 13218E8492-1 (97403)															
	(N) EVAPORATOR DISCHARGE GRILLE, 13215E9857 (97403)															
	(N) EVAPORATOR INTAKE GRILLE, 13215E9854, (97403)															
	(N) ELECTRICAL CONNECTOR, POWER INPUT, MS3106R22-22S (96906)															
4130-01-051-7426	(N) COVER, FABRIC, 13217E2346 (97403)															
	BASIC ISSUE ITEMS (BII)															
7520-00-559-9618	(X) CASE, COTTON DUCT															
										PAGE NO.						
										NO. OF PAGES						

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

TM 5-4120-356-14-HR



**By Order of the Secretary of the Army:**

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

**Official:**

**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 Requirements for Environmental Equipment Air Conditioners, 18,000 BTU, Compact.



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 THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3d ENGINEER BN  
FT. LEONARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4120-356-14-HR

PUBLICATION DATE

12 Aug 81

PUBLICATION TITLE

Air Conditioner, Compact, 18,000 BTU/HR, 208 Volt

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
6	2-1 a		
B1		4-3	
125	line 20		

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

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.  
DRSTS-M Overprint 1, 1 Nov 80

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS

TEAR ALONG PERFORATED LINE

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 THIS PUBLICATION?**

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DATE SENT

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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:

TEAR ALONG PERFORATED LINE



# 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 decigram = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 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

To change	To	Multiply by	To change	To	Multiply by
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	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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**PIN: 050176-000**