

**TECHNICAL MANUAL**

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT  
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR  
PARTS AND SPECIAL TOOLS)**

**FOR**

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

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**25 SEPTEMBER 1981**

## TECHNICAL MANUAL

TM 5-4120-356-24P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D. C., 25 September 1981

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Maintenance Repair Parts and Special Tools List  
(Including Depot Maintenance Repair Parts and Special Tools)

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18,000 BTU/HR, 208 VOLTS, 3-PHASE  
50/60 HZ  
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## 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, U.S. Army Troop Support & Aviation Materiel Readiness Command, ATTN: DRSTS-MTT, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

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## Section I. INTRODUCTION.

### 1. Scope.

This manual lists repair parts, special tools, test, measurements, and diagnostic equipment (TMDE), and other support equipment required for operation and performance of Organizational, Direct and General Support Maintenance of Air Conditioner, Vertical Compact, 18,000 BTU/HR, 208 Volts, 3-Phase, 50/60 Hz.

### 2. General.

**a. Section II - Repair Parts List.** A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in NSN sequence, as the last group in Section II.

**b. Section III - Special Tools List.** Not applicable.

**c. Section IV - National Stock Number and Part Number Index.** A list, in National item identification number (NIIN) sequence of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

### 3. Explanation of Columns.

The following provides an explanation of columns found in the tabular listings.

**a. Illustration.** This column is divided as follows:

**(1) Figure Number.** Indicates the figure number of the illustration in which the item is shown.

**(2) Item Number.** The number used to identify each item called out in the illustration.

**b. Source, Maintenance and Recoverability Codes (SMR).**

**(1) Source Code.** Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair or overhaul of end item. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

| Code | Definition                                                                                                                                                                                                                                                                              |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PA   | Item procured and stocked for anticipated or known usage.                                                                                                                                                                                                                               |
| PB   | Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.                                                                                                                                                |
| PC   | Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.                                                                                                                                                                              |
| PD   | Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.                                                                                 |
| PE   | Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.                                                                                                                                                                      |
| PF   | Support equipment which will not be stocked but which will be centrally procured on demand.                                                                                                                                                                                             |
| PG   | Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of the probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time. |
| KD   | An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.                                                                                                                         |
| KF   | An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.                                                                                         |
| KB   | Item included in both a depot overhaul/repair kit and a maintenance kit.                                                                                                                                                                                                                |
| MO   | Item to be manufactured or fabricated at organizational level.                                                                                                                                                                                                                          |
| MF   | Item to be manufactured or fabricated at the direct support maintenance level.                                                                                                                                                                                                          |

|    |                                                                                                                                   |
|----|-----------------------------------------------------------------------------------------------------------------------------------|
| MB | Item to be manufactured or fabricated at the general support maintenance level.                                                   |
| MD | Item to be manufactured or fabricated at the depot maintenance level.                                                             |
| AO | Item to be assembled at organizational level.                                                                                     |
| AF | Item to be assembled at direct support maintenance level.                                                                         |
| AH | Item to be assembled at general support maintenance level.                                                                        |
| AD | Item to be assembled at depot maintenance level.                                                                                  |
| XA | Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly. |
| XB | Item is not procured or stocked. If not available through salvage, requisition.                                                   |
| XD | A support item that is not stocked. When required, item will be procured through normal supply channels.                          |

**NOTE**

***Cannibalization or salvage maybe used as a source of supply for any items source coded above except those coded XA or XD.***

**(2) Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

**(a)** The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance.

| <b>Code</b> | <b>Application/Explanation</b>                                            |
|-------------|---------------------------------------------------------------------------|
| C           | Crew or operator maintenance performed within organizational maintenance. |
| O           | Support item is removed, replaced, used at the organizational level.      |
| I           | Support item is removed, replaced, used                                   |

by the direct support element of integrated direct support maintenance.

|   |                                                                                                          |
|---|----------------------------------------------------------------------------------------------------------|
| F | Support item is removed, replaced, used at the direct support level.                                     |
| H | Support item is removed, replaced, used at the general support level.                                    |
| D | Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only. |

**NOTE**

***Codes "I" and "F" will be considered the same by direct support units.***

**(b)** The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

| <b>Code</b> | <b>Application/Explanation</b>                                                                                                                                                     |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O           | The lowest maintenance level capable of complete repair of the support item is the organizational level.                                                                           |
| F           | The lowest maintenance level capable of complete repair of the support item is the direct support level.                                                                           |
| H           | The lowest maintenance level capable of complete repair of the support item is the general support level.                                                                          |
| D           | The lowest maintenance level capable of complete repair of the support item is the depot level.                                                                                    |
| L           | Repair restricted to designated specialized repair activity.                                                                                                                       |
| Z           | Nonreparable. No repair is authorized.                                                                                                                                             |
| B           | No repair is authorized. The item maybe reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item. |

**(3) Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows: