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TM 5-4120-259-25P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT,
AND DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST

AIR CONDITIONER; BASE MOUNTED, AIR COOLED,
208V, 3 PHASE, 60 CYCLE, AC,
SINGLE PACKAGE, 36,000 BTU/HR
(YORK CORP MODEL MA3-F23A)
FSN 4120-926-1116



HEADQUARTERS, DEPARTMENT OF THE ARMY

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ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, AND DEPOT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

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SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts, special tools, and equipment required for the performance of organizational, direct support, general support, and depot maintenance of the air conditioner.

2. General

a. The repair parts list is arranged as follows:

(1) Individual parts and major assemblies are listed alphabetically by item name within the numbered functional groups.

(2) Assembly components and subassemblies are indented and listed alphabetically by item name under major assemblies.

b. This Repair Parts and Special Tools List is divided into the following sections:

(1) *Prescribed Load Allowance (PLA)-Section II*. A consolidated listing of repair parts quantitatively allocated for initial stockage at the organizational level. *This is a mandatory minimum stockage allowance:*

(2) *Special Tools, Test and Support Equipment-Section III*. A list of special tools, test and support equipment authorized for the performance of maintenance at the organizational level (Not Applicable).

(3) *Repair Parts-Section IV*. A list of repair parts authorized for the performance of maintenance at the organizational level.

(4) *Repair Parts-Section V*. A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.

(5) *Special Tools, Test and Support Equipment-Section VI*. A list of special tools, test and support equipment authorized for the performance of maintenance at the

direct support, general support, and depot level. *Not Applicable.*

(6) *Federal Stock Number and Reference Number Index-Section VII*. A list of Federal stock numbers followed by reference numbers, appearing in all the listings, in ascending alpha-numeric sequence cross-referenced to index number.

3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in sections II through VI.

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

Note. Common hardware items known to be readily available in Army supply channels will be assigned Maintenance codes only. Source codes, Recoverability codes, and Maintenance Allowances will not be assigned to this category.

(1) *Source Code*. Indicates the selection status and source for the listed item. Source codes used are:

Code	Explanation
P	Applied to repair parts which are stocked in or supplied from DSA/GSA or Army Supply system, and authorized for use at indicated categories.
M	Applied to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance categories.
A	Applied to assemblies which are not procured or stocked, as such but made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance categories.
X	Applied to parts and assemblies which are not procured or stocked, the mortality of which is normally below that of the applicable end item, and the failure of which should result in retirement of the end item from the supply system.

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Code	Explanation
X1	Applied to repair parts which are not procured or stocked, the requirement for which will be supplied by use of the next higher assembly or components.
X2	Applied to repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain them through cannibalization; if not obtainable through cannibalize Lion, such repair parts will be requisitioned with supporting justification through normal supply channels.
C	Applied to repair parts authorized for local procurements. If not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of non-availability from local procurement.
G	Applied to major assemblies that are procured with PEMA (Procurement Equipment Missile Army) funds for initial issue only to be used as exchange assemblies at DSU and GSU maintenance level. These assemblies will not be stocked above DSU and GSU level or returned to depot supply level.

(2) *Maintenance Code.* Indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

Code	Explanation
O	Organizational maintenance
F	Direct support maintenance
H	General support maintenance
D	Depot maintenance

(3) *Recoverability code.* Indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	Explanation
R	Applied to repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.

(4) *Index Numbers.* This column also lists, below the SMR code, an index number for each item in ascending numerical sequence, which is used to locate items in the publication when the Federal stock number and/or reference number is known.

b. Federal Stock Number. Indicates the federal stock number for the item.

c. Description. Indicates the Federal item name and any additional description of the item required. The applicable five-digit Federal supply code for manufacturers in parentheses is followed by a part number or other reference number.

d. Unit of Issue. Indicates the unit used as a basis for issue, e.g., ea, pr, ft, yd, etc.

e. Quantity Incorporated in Unit Pack. Indicates the actual quantity contained in the unit pack.

f. Quantity Incorporated in Unit. Indicates the quantity of the item used in the functional group.

g. Fifteen-Day Organizational Maintenance Allowances.

(1) The allowance columns are divided into four subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have no entry in the allowance column but will have in the description column a reference to the first appearance of the item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for organizational level of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the appropriate density column to obtain the total quantity of repair parts authorized.

(3) organizational units providing maintenance for more than 100 of these equipments shall determine the total quantity of parts required by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column.

Example: Authorized allowance for 51-100 equipments is 12; for 140 equipments multiply 12 by 1.40 or 16.80 rounded off to 17 parts required.

(4) Subsequent changes to allowances will be listed as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendation should be forwarded to U.S. Army Mobility Equipment Command for exception or revision to the allowance list. Revisions to the range of items authorized will be made by this Command based upon engineering experience, demand data, or TAERS information.

h. Thirty-Day DS/GS Maintenance Allowances.

(1) The allow-ante columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have no entry in the allowance column, but will have in the description column a reference to the first appearance of the item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) Determination of the total quantity of parts required for maintenance of more than 100 of these equipments can be accomplished by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiply the decimal factor by the parts quantity authorized in the 51-100 allowance column.

Example: Authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

i. One-Year Allowances Per 100 Equipments/Contingency Planning Purposes. Indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

j. Depot Maintenance Allowance Per 100 Equipments. Indicates opposite the first appearances of each item the total quantity authorized for depot maintenance of 100 equipments. Subsequent appearances of the same item will have no entry in this column, but will have in the description column a reference to the first appearance of the item. Items authorized for use but not for initial stockage are identified with an asterisk in the allowance column.

k. Illustration.

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

(2) *Item Number.* Indicates the callout number used to reference the item in the illustration.

4. Special Information

a. Identifications of the usable on codes of this publication are:

Code	NOT APPLICABLE	Used On
		<p><i>b.</i> Repair parts mortality has been based on 7,200 hours of operation per year.</p> <p><i>c.</i> Parts which require manufacture or assembly at a category higher than that authorized for installation will indicate in the source column the higher category.</p> <p><i>d.</i> The following publication pertains to Air Conditioner and its components:</p>
TM 5-4120-259-15		Operator, Organizational, Direct and General Support and Depot Maintenance Manual

5. How to Locate Repair Parts

a. When Federal Stock Number or reference number is unknown:

(1) *First.* Using the table of contents, determine the functional group or subgroup within which the repair part belongs. This will refer to a page in the parts listing.

(2) *Second.* The illustration column of the page refers to a figure number.