

TECHNICAL MANUAL

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

AIR CONDITIONER, HORIZONTAL COMPACT, 18,000 BTU

TRANE MODELS

208V, 3-PHASE, 400 HERTZ, MODEL MAC6H18-208-01201-02
(NSN 4120-00-411-3730)

208V, 3-PHASE, 400 HERTZ, MODEL MAC4H18-108-1201-03
(NSN 4120-00-411-3731)

208V, 1-PHASE, 50/60 HERTZ, MODEL MAC6H18-230-1201-01
(NSN 4120-00-411-3729)

HARVEY W. HOTTEL MODELS

208V, 3-PHASE, 50/60 HERTZ, MODEL CH20-6-08
(NSN 4120-00-411-3730)

208V, 3-PHASE, 400 HERTZ, MODEL CH20-4-08
(NSN 4120-00-411-3731)

AMERICAN AIR FILTER CO. MODEL

208V, 3-PHASE, 50/60 HERTZ, MODEL CH618-2
(NSN 4120-00-411-3730)

KECO MODEL

208V, 3-PHASE, 400 HERTZ, MODEL F18H-4
(NSN 4120-00-411-3731)

This manual supersedes TM 5-4120-243-20P, 4 November 1971 and TM 5-4120-243-34P, 4 November 1971 including all changes.

HEADQUARTERS, DEPARTMENT OF THE ARMY

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DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 18 July 1980

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AIR CONDITIONER, HORIZONTAL COMPACT, 18,000 BTU

TRANE MODEL

**208V, 3-PHASE, 400 HERTZ, MODEL MAC4H18-108-1201-03
(NSN 4120-00-383-3571)**

HARVEY W. HOTTEL MODELS

**208V, 3-PHASE, 50/60 HERTZ, MODEL CH20-6-08
(NSN 4120-00-383-3730)**

**208V, 3-PHASE, 400 HERTZ, MODEL CH20-4-08
(NSN 4120-00-383-3571)**

**AMERICAN AIR FILTER CO. MODEL
208V, 3-PHASE, 50/60 HERTZ, MODEL AACH-618-2
(NSN 4120-01-177-5989)**

KECO MODEL

**208V, 3-PHASE, 400 HERTZ, MODEL K1F-18H-4
(NSN 4120-00-383-3571)
(4120-01-177-5990)**

Current as of 27 March 1980

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 directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Air Conditioner. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

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 assembly groups in ascending numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are 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 alphameric 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. This index is followed by a cross-reference list of reference designators to figure and item numbers.

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 items. 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 purposes because essentiality dictates that a minimum quantity be available in the supply systems.
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 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 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 the organizational level.

MF Item to be manufactured or fabricated at the direct support maintenance level.

MH 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:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
Z	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, use at the direct support level.