

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
AIR CONDITIONER, HORIZONTAL COMPACT 18,000 BTU

TRANE MODELS

208V, 3 PHASE, 50/60 HERTZ,
MODEL MAC6H18-208-1201-02

(FSN 4120-411-3730)

208V, 3 PHASE, 400 HERTZ,
MODEL MAC4H18-208-1201-03

(FSN 4120-411-3731)

230V, 1 PHASE, 50/60 HERTZ,
MODEL MAC6H18-230-1201-01

(FSN 4120-411-3729)

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. These instructions are published for the use of the personnel to whom the Trane Company Models, MAC6H18-230-1201-01, MAC6H18-208-1201-02 and MAC4H18-208-1201-03 Air Conditioners are issued. Chapters 1 through 4 provide information on the operation, preventive maintenance services, and organizational maintenance of the equipment, accessories, components, and attachments. Chapters 5 and 6 provide information for direct and general support maintenance. Also included are descriptions of main units and their functions in relationship to other components.

b. Appendix A contains a list of publications applicable to this manual. Appendix B contains the Maintenance Allocation Charts. Appendix C contains a list of Basic Issue Items authorized to operator of this equipment. The Organizational, Direct, and General Support Maintenance Repair Parts are listed and illustrated in TM 5-4120-243-34P (when printed).

c. Numbers in parentheses on illustrations indicate quantity.

1-2. Record and Report Forms

a. DA Form 2258, Depreservation guide of Engineer Equipment.

b. Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

Note. Applicable forms, excluding Standard Form 46 (United States Government Motor Vehicle Operator's Identification Card) which is carried by the operator, will be kept in a canvas bag mounted on the equipment.

1-3. Reporting of Errors

a. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding General, U. S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

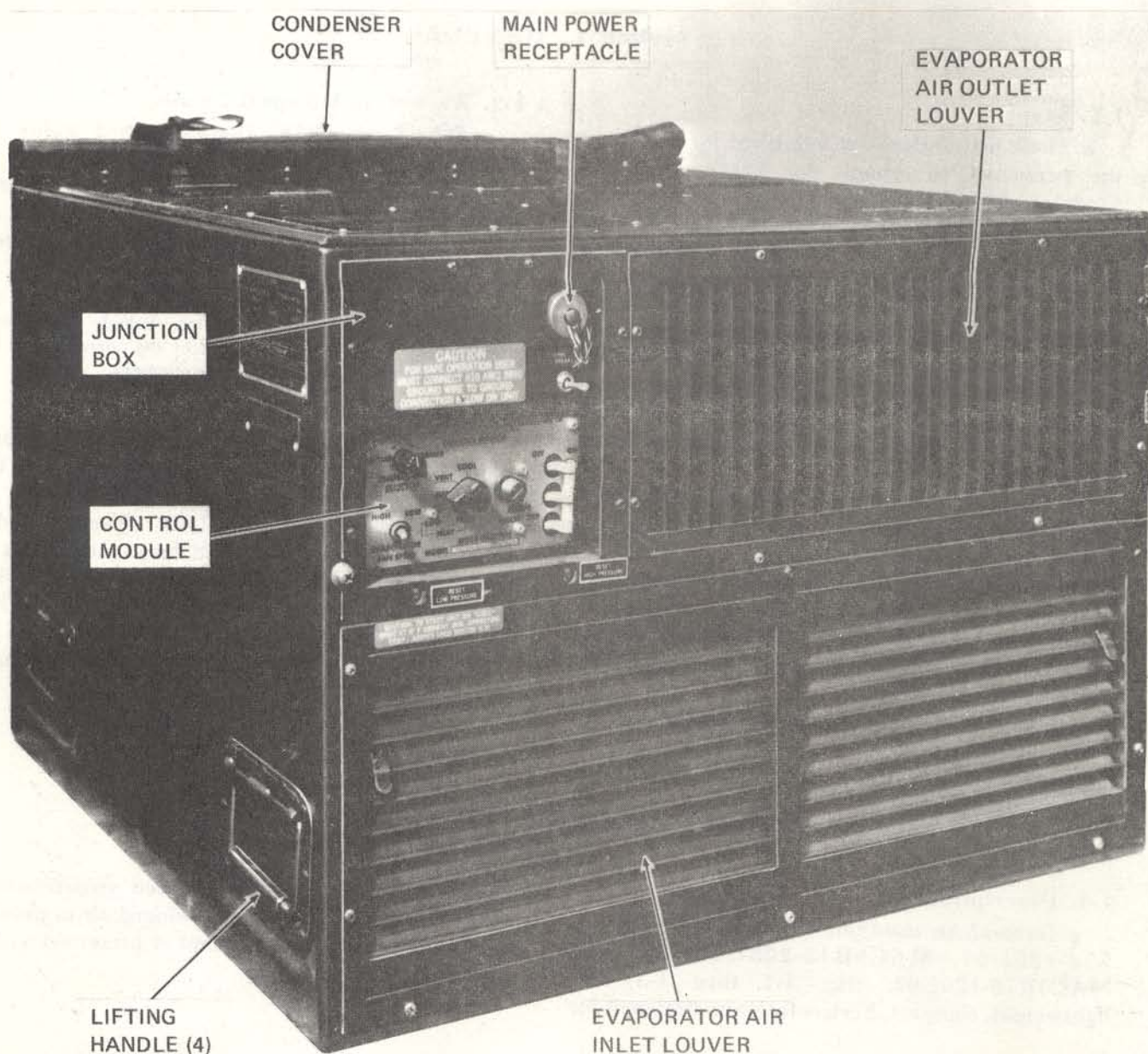
b. Report all equipment improvement recommendations as prescribed by TM 38-750.

Section II. DESCRIPTION AND DATA

1-4. Description

a. General. Air conditioners, Model MAC6HA18-230-1201-01, MAC6H18-208-1201-02, and MAC4H18-1201-03, (fig. 1-1 thru 1-3) are lightweight, compact, horizontal units designed for

cooling and heating air to a desired predetermined range and circulating the conditioned air to provide heating or cooling of equipment or personnel within the air conditioned area.



SHIPPING DIMENSIONS	
LENGTH	27.8 INCHES
HEIGHT	20 INCHES
WIDTH	30 INCHES
VOLUME	9.7 CUBIC FEET
WEIGHT	250 POUNDS

ME 4120-243-14/1-1

Figure 1-1. Air conditioner, left front $\frac{3}{4}$ view with shipping dimensions.