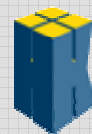




Slide-In Refrigerator



Equipment Manual (H&K Model Number PPT30E-06A)

This manual is for the exclusive use
of licensees and employees of
McDonald's Systems Inc.

Manufactured by:

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Warnings

DO NOT OPERATE OR SERVICE THE REFRIGERATOR WITHOUT
FIRST READING THIS MANUAL.

DISCONNECT ALL POWER SOURCES BEFORE
ATTEMPTING ANY SERVICE OR REPAIR WORK.

A LICENSED TECHNICIAN SHOULD DO ALL SERVICING AND
REPAIR.

USE OF ABRASIVE PADS TO CLEAN THE UNIT WILL
RESULT IN SCRATCHING AND SPOILING THE FINISH OF THE
UNIT.

DO NOT LEAVE THE DOOR OPEN FOR EXTENDED
PERIOD OF TIME.

Introduction

The Slide-In Refrigerator is designed to hold product between 33-40°F temperature during normal and peak sales periods.

Product Warranty

H&K Dallas, Inc. makes the following limited warranties to the original purchaser only for this equipment and replacement parts:

H&K warrants all components to be free of defects in material and workmanship, if properly installed, operated and maintained, for a period of (2) years from the date of the delivery.

The company's obligation under this warranty is limited to repairing or replacing any part or parts of the refrigerator determined to be defective by an authorized representative of H&K.

The company reserves the privilege of determining if such repairs are to be made in the field or at the H&K factory.

The company assumes no liability for expenses or repairs made by other parties except by written consent.

Corrections of such defects by repair or replacement shall constitute fulfillment of all company obligations to the purchaser.

H&K shall not be liable for loss, damages or expenses arising from misuse, abuse, alteration, accident or improper installation of the freezer such as:

- Improper or unauthorized repair;
- Failure to follow proper installation instruction;
- Improper maintenance;
- Damage in shipment;
- Abnormal use;
- Improper power supply;
- Natural disaster;

Special Conditions

This warranty also does not cover:

- Overtime or holiday charges;

Consequential damages (the cost of repairing or replacing other property which is damaged), loss of time, profits, use of any other incidental damages of any kind.

Expected life of this equipment is 7 to 10 years provided that it is maintained properly through H&K approved suppliers using only approved component parts and that the unit is cleaned regularly and not abused.

Power Requirements

All electrically operated appliances must be electrically grounded in accordance with local codes, or in the absence of local codes, with National Electric Code, ANSI/NFPA No. 70-1990.

Voltage = 120 VAC

Frequency = 60 Hz

Current = 5 Amps

Single Phase

Maximum Fuse/Circuit Breaker = 15A

Installation

1. **Inspection:** Upon receipt, examine the equipment carefully for any damage. If damage has occurred, notify the carrier and H&K immediately.
2. **Unpacking:** Remove the unit from the plastic wrap and untie the electrical cord by removing the holding tape. It is recommended that the unit remain crated until it has reached the installation location.
3. **Location:** The slide-in refrigerator has been designed to fit inside the Prep Table
4. **Installation:** Follow the step by step instruction as shown on the installation instructions drawings on pages_____.

Operating Procedure

Power Source: Insert the plug of the refrigerator into the outlet provided in the end panel of the Prep Table. The unit consists of one compressor. Other motors and heavy appliances should not be used on the same circuit with the refrigerator.

Start-Up: The refrigerator is turned ON by plugging the cord into the outlet and check if the condenser fan is running. Let the unit run for 1 hour before placing product in the refrigerator.

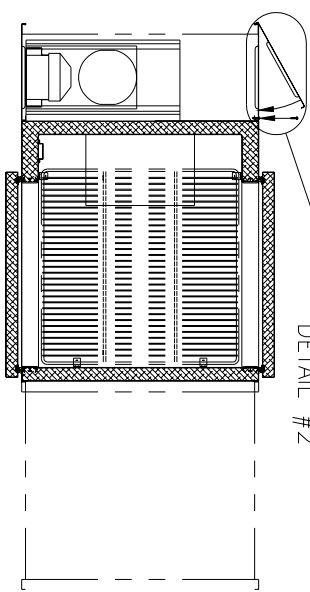
Temperature Setting: The unit has been tested at the factory and the thermostat has been preset to maintain a temperature between 33 and 40°F (1 and 5°C).

Thermostat Adjustment: If the unit does not hold the desired temperature, the thermostat can be adjusted. For colder temperatures, turn knob clockwise. For warmer temperature setting, turn knob anti-clockwise. Wait for 1 hour before readjusting the thermostat. Excessive tampering with the thermostat may lead to operational difficulties.

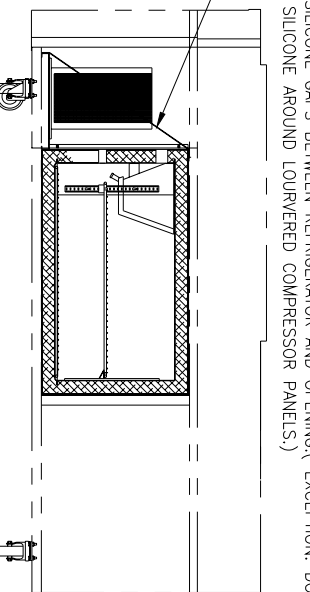
5. **Condensate Disposal:** The condensate from the refrigerator is disposed via a drain to a condensate evaporator located in the base of the condensing unit.

Slide-in Refrigerator

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PLAN VIEW



FRONT VIEW

FOR PPT TABLES ONLY***

INSTALLATION INSTRUCTIONS FOR SLIDE-IN REFRIGERATOR

STEP #1 REMOVE REMOVABLE SHELF. (SEE DETAIL #1)

STEP #2 REMOVE CAP NUTS ON ANGLES THAT WERE HOLDING THE REMOVABLE SHELF IN PLACE. (SEE DETAIL #1)

STEP #3 REMOVE ANGLES. (SEE DETAIL #1)

STEP #4 REMOVE COMPRESSOR STRAP(NOTED). STRAP NEEDED FOR SHIPMENT ONLY.

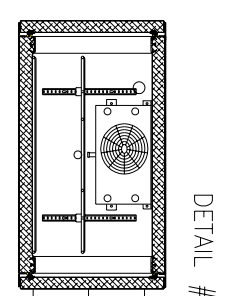
STEP #5 SLIDE REFRIGERATOR ONTO SHELF.

STEP #6 PLUG REFRIGERATOR INTO RECEPTACLE IN END PANEL.

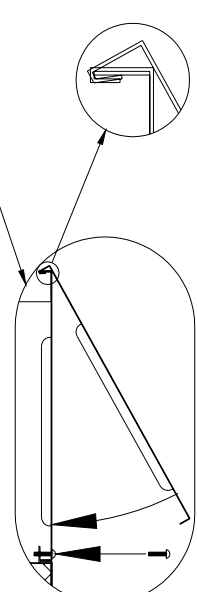
STEP #7 MOUNT LOUVERED COMPRESSOR COVER PANELS. HOOK FORMED END OF LOUVERED COMPRESSOR COVER OVER CABINET END PANEL AS SHOWN IN DETAIL #2. USE TWO(2) SCREWS SUPPLIED WITH KIT TO HOLD COVER IN PLACE.

STEP #8 SILICONE GAPS BETWEEN REFRIGERATOR AND OPENING. (EXCEPTION: DO NOT SILICONE AROUND LOUVERED COMPRESSOR PANELS.)

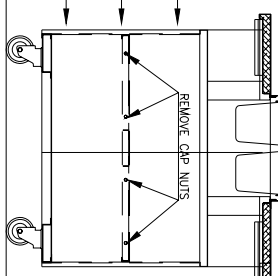
DETAIL #1



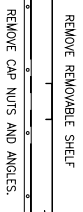
DETAIL #2




END VIEW



REMOVE CAP NUTS

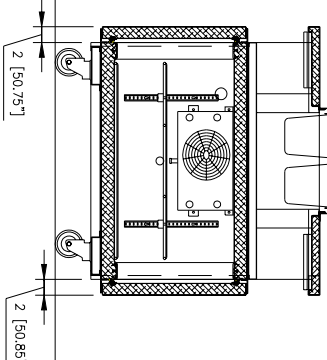


REMOVE REMOVABLE SHELF



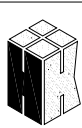
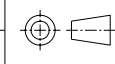
REMOVE CAP NUTS AND ANGLES.

END VIEW



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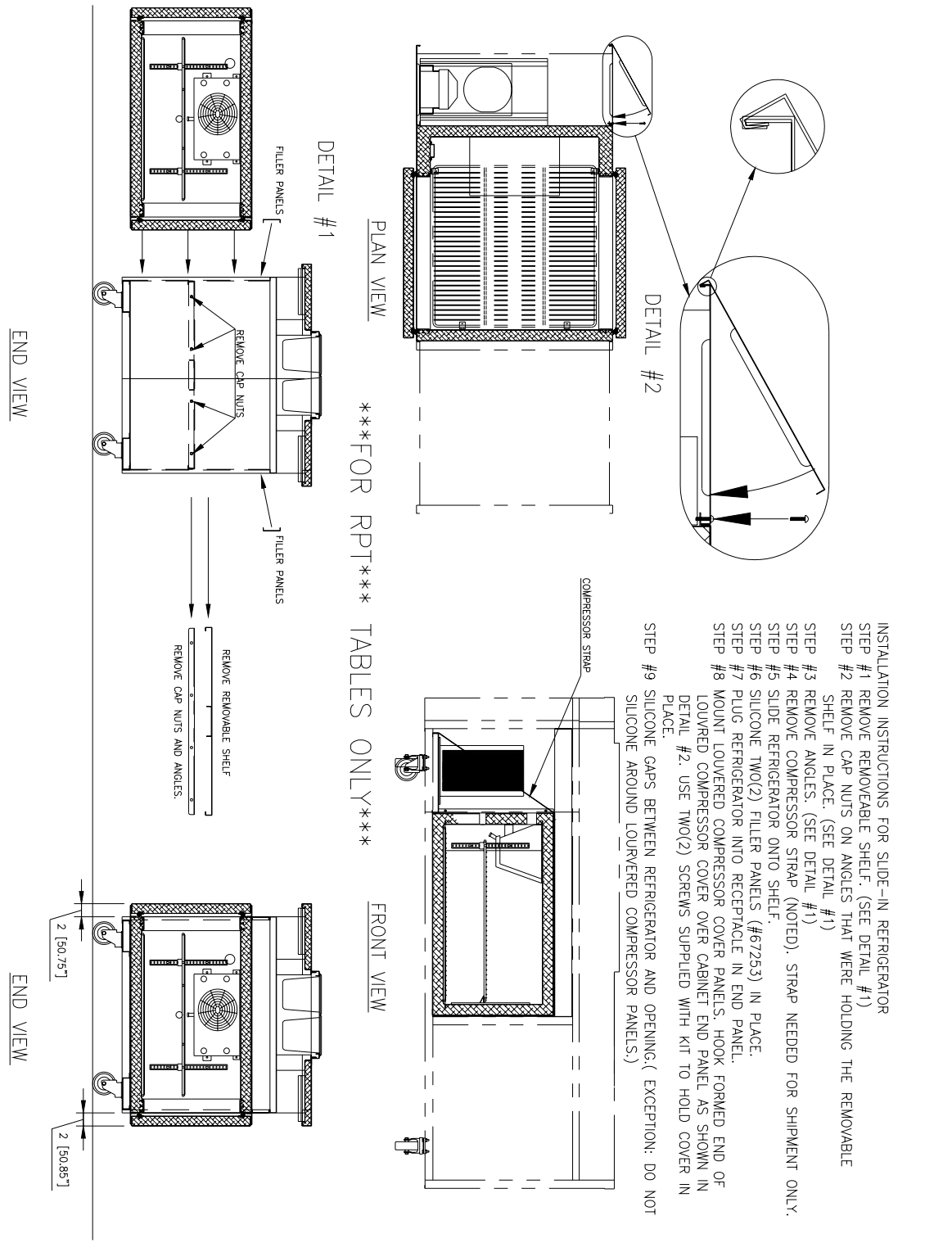
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			DRAWN: CRAIG GLAZE						
			CHECKED:						

Slide-in Refrigerator

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			THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF H&K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&K.	COMMENTS:					

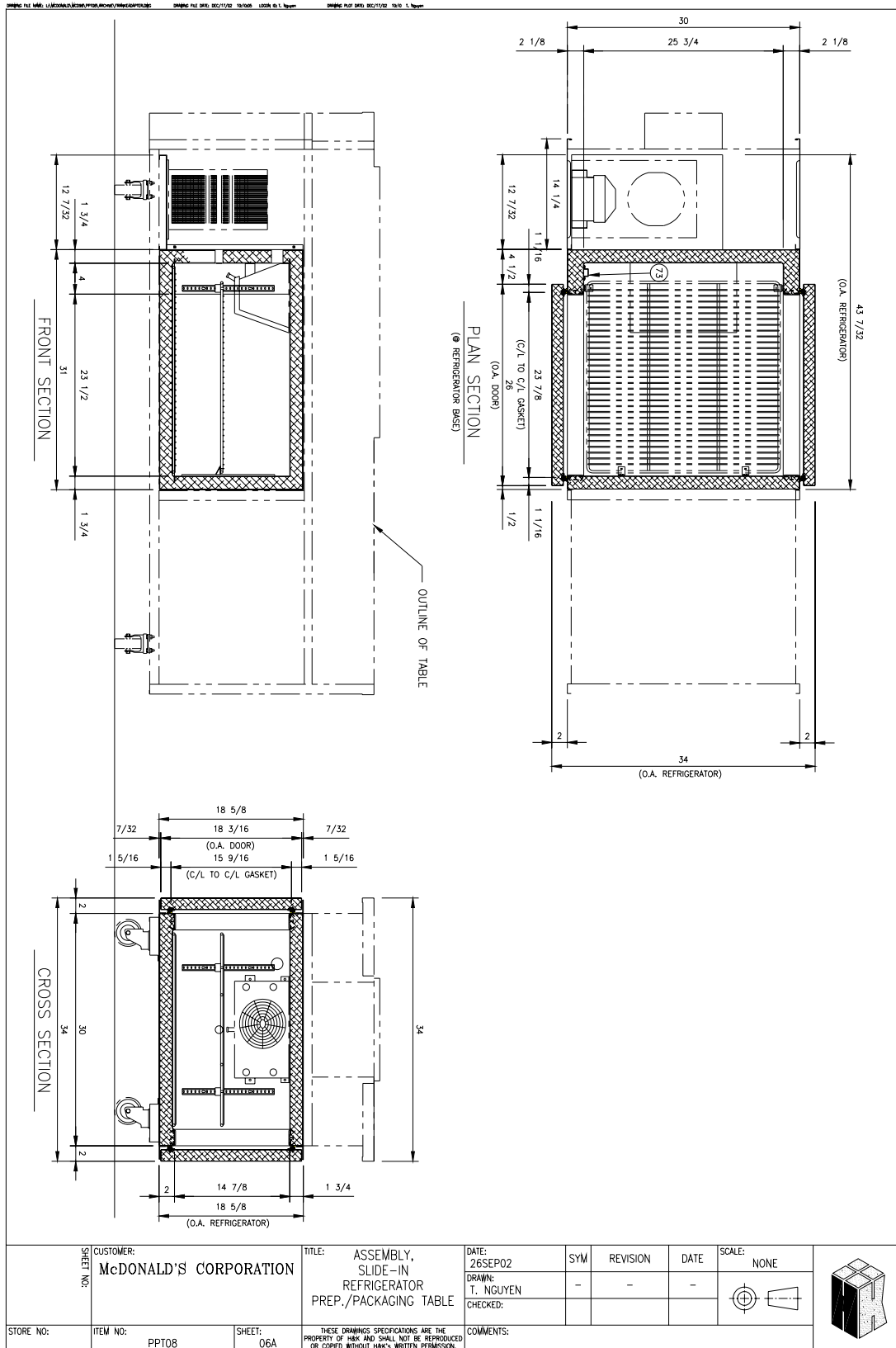
Maintenance

1. **Exterior Cleaning:** The exterior of the unit should be cleaned with a soap and water mixture. Do not use abrasive cleaners to clean the exterior of the cabinet as this might damage the stainless steel finish. Do not use steel wool or any strong chemicals.
2. **Interior Cleaning:** The anodized aluminum interior of the refrigerator can be cleaned using a soft sponge and a soap-water mixture. The pilasters can be removed without tools to aid in cleaning the interior.
3. **Condenser:** For proper operation of the condensing unit the condenser fins and fans should be cleaned and vacuumed every 3 months. The front grill is designed to be removable for this purpose.

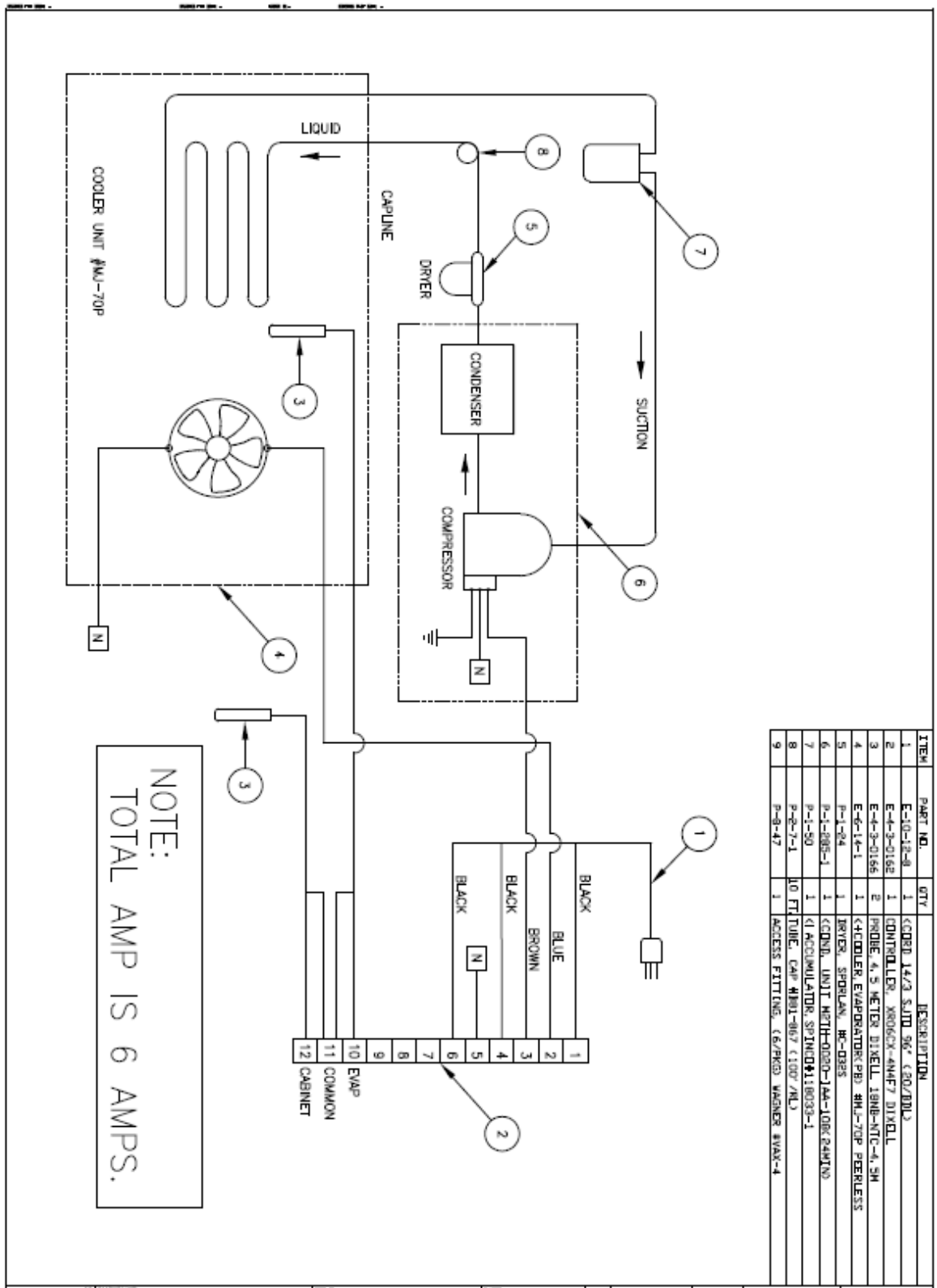
Troubleshooting

PROBLEM	CAUSE	SOLUTION
Compressor will not start	<ol style="list-style-type: none"> 1. Cord not plugged in. 2. Improperly wired. 3. Low voltage to unit. 	<ol style="list-style-type: none"> 1. Plug in cord. 2. Check wiring against diagram. 3. Correct the voltage.
Unit short cycles	<ol style="list-style-type: none"> 1. Overcharge. 2. Leak in door gasket. 	<ol style="list-style-type: none"> 1. Reduce charge. 2. Replace door gasket.
Unit runs continuously	<ol style="list-style-type: none"> 1. Undercharge. 2. Dirty condenser. 	<ol style="list-style-type: none"> 1. Add refrigerant. 2. Clean condenser fins.
Condensation	<ol style="list-style-type: none"> 1. Leak in Gasket. 2. Drain blocked with food particles. 	<ol style="list-style-type: none"> 1. Reinstall gasket properly. 2. Clean and open drain.
Unit noisy	<ol style="list-style-type: none"> 1. Loose parts or mounting. 2. Fan motor bearings worn. 3. Fan blade bent. 4. Compressor assembly rattling. 	<ol style="list-style-type: none"> 1. Tighten parts. 2. Replace motor. 3. Replace fan blade. 4. Check if mounted correctly and securely.
Temperature too high.	<ol style="list-style-type: none"> 1. Temperature setting too high 2. Undercharge. 3. Condenser fins blocked. 4. Restricted air flow. 	<ol style="list-style-type: none"> 1. Reset temperature 2. Correct Charge. 3. Clean Fins. 4. Ensure air can circulate around the unit.
Compressor short cycles.	<ol style="list-style-type: none"> 1. Faulty condenser fan. 2. Run capacitor defective. 	<ol style="list-style-type: none"> 1. Replace condenser fan. 2. Replace run capacitor.

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Condensing Unit Specifications

REFRIGERANT	R-134A
OVERALL DIMENSIONS (INCHES)	19L X 8.25W X 10H
OPERATING PRESSURES	LSP = 15 PSIG HSP = 100 PSIG
ELECTRICAL DATA	120-1-60 MCA 4 MAX. FUSE 15 AMPS
SYSTEM CHARGE	10 OZ.

Replacement Parts

DESCRIPTION	H&K PART NO.
CONDENSING UNIT	P-1-285-1
CAP TUBE	10 FT (P-2-7-1)
ACCUMULATOR	P-1-50
DRYER	P-1-24
CONTROLLER	E-4-3--0162
CORD	E-10-12-8
TEMPERATURE PROBES	E-4-3-0166
GASKET	H-4-39-84