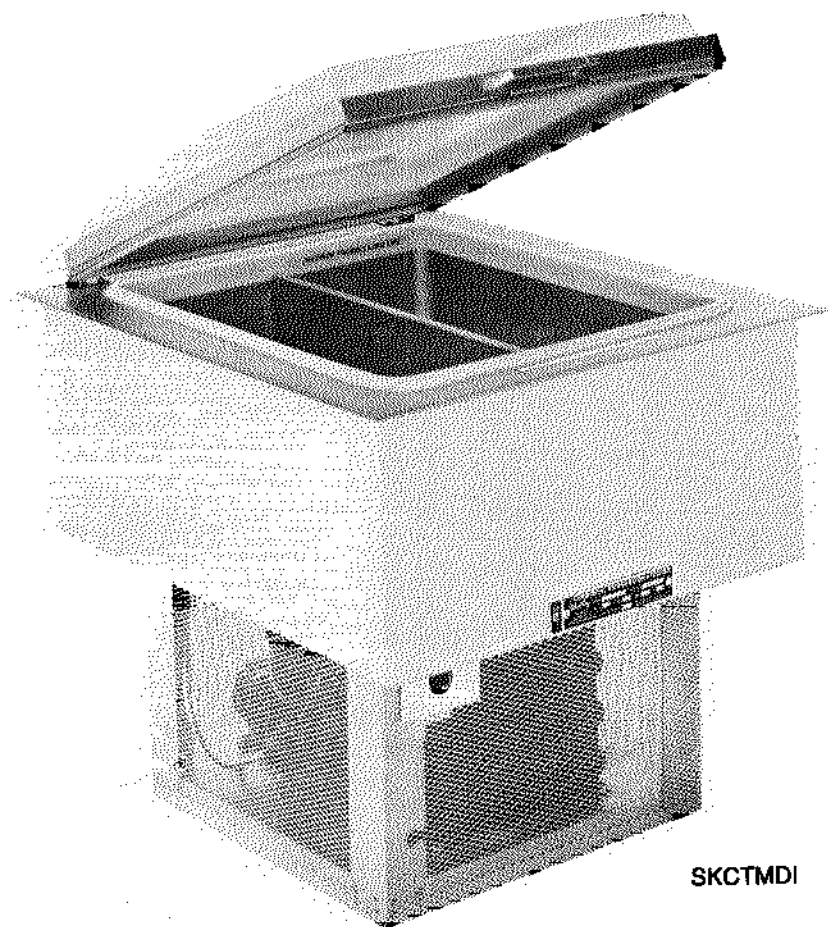
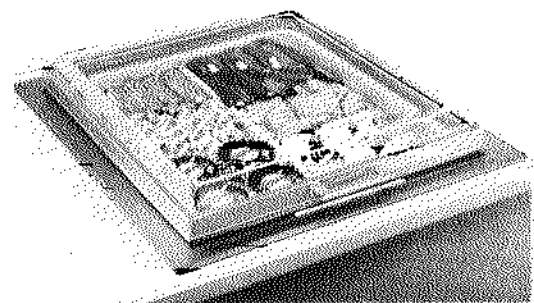


# Technical Manual and Replacement Parts List

## Counter-Top Merchandisers



SKCTMDI



*A Division of Stevens Lee Company*

1600 Xenium Lane North, Minneapolis, MN 55441-3787  
Phone (612) 553-1881

  
**SILVER KING.**

Specifications Subject to Change Without Notice.

**TECHNICAL MANUAL****SILVER KING DROP-IN MERCHANDISERS**

Thank you for purchasing Silver King food service equipment. Our goal is to provide our customers with the most reliable equipment in the industry today. Please read this manual and the accompanying warranty information before operating your new Silver King unit. Be sure to complete and mail the warranty card within 10 days of purchase to validate your warranty.

**INSPECT FOR DAMAGE AND UNCRATE**

Upon delivery of your new Silver King unit, uncrate at once to inspect for possible damage following the instructions printed on the exterior of the container. Report any damages to the carrier responsible for transportation and promptly present a claim for any evidence of mishandling. Save all packaging materials if a claim is to be filed.

**INSTALLATION**

After removing the unit from the packaging, wash the interior and exterior surfaces using a warm, mild soapy water solution and a sponge or cloth, rinse and wipe dry.

**Lid**

For shipping purposes the Lid Assembly has been taped to the cabinet. Remove all the tape from the Lid Assembly and install the Lid Assembly on the cabinet by holding in the hinge pins at the back of the Lid Assembly and inserting them into the holes in the Hinge Brackets on the cabinet.

**Location**

When locating your counter-top drop-in display merchandiser, convenience and accessibility are important considerations, but the following installation guidelines must be followed;

\*When installed in a countertop, provisions need to be in place for the unit to receive proper ventilation for the compressor. The drawing on the opposite page shows minimum ventilation requirements for the unit. Do not install the unit in cabinetry that does not have provisions for ventilation as that would void all warranties.

\*Always avoid placing the unit next to an oven, heating element or hot air source that would affect the operation of the unit.

\*The unit must be level.

\*The counter must be able to support a minimum of 150 pounds.

**Electrical Connections**

Be sure to check the data plate, located on the liner of the cabinet, for required voltage prior to connecting the unit to power. The specifications on the data plate supersede any future discussion.

The standard counter-top display merchandiser is equipped with an eight (8) foot power cord that requires a 115 Volt, 60 Cycle, 1 phase properly grounded electrical receptacle. The power cord comes with a 3 prong plug for grounding purposes. Any attempt to cut off the grounding spike or to connect to an ungrounded adapter plug will void the warranty, terminate the manufacturers responsibility and could result in serious injury.

The electrical circuit must be protected with a 15 or 20 ampere fuse or breaker. The unit must be isolated on a circuit and not plugged into an extension cord.

**OPERATION****Initial Start Up**

After satisfying the installation requirements, the counter-top drop-in display merchandiser is ready to start. The unit will start when the power cord is connected to the required power source. If the compressor does not start when the unit is initially plugged in, check to make sure that the Temperature Control is not in the 'off' position. Allow the unit to run for two hours before loading it with product. When loading the unit with product do not load above the 'product load line' indicated on the liner.

### Temperature Control

The Temperature Control is located on the front of the lower condensing unit. Turn the Temperature Control stem clockwise to obtain colder cabinet temperatures and vice versa. Allow the unit a minimum of two hours to respond to a control setting adjustment.

### Defrost

The Silver King counter-top drop-in display merchandiser is a manual defrost unit. The unit should be defrosted whenever the walls accumulate a frost layer that is 1/4 inch thick. To defrost the unit, either turn the Temperature Control stem to the 'off' position (fully counterclockwise) or disconnect the Power Cord from the electrical receptacle, and remove the Lid Assembly. On top of the center divider on the model SKCTMDI, there is a Defrost Plate (see parts list), pull up on the Defrost Plate to remove it from the cabinet and break up the frost buildup on the center divider. The center divider itself is not removable and no attempt to do so should be made. After the frost has melted or come loose from the walls, wipe out the cabinet interior. Do not attempt to scrape or chisel off the frost as you could do irreparable damage to the unit.

### MAINTENANCE

Preventative maintenance is minimal although these few steps are very important to continued trouble free operation and maximizing the life of your appliance.

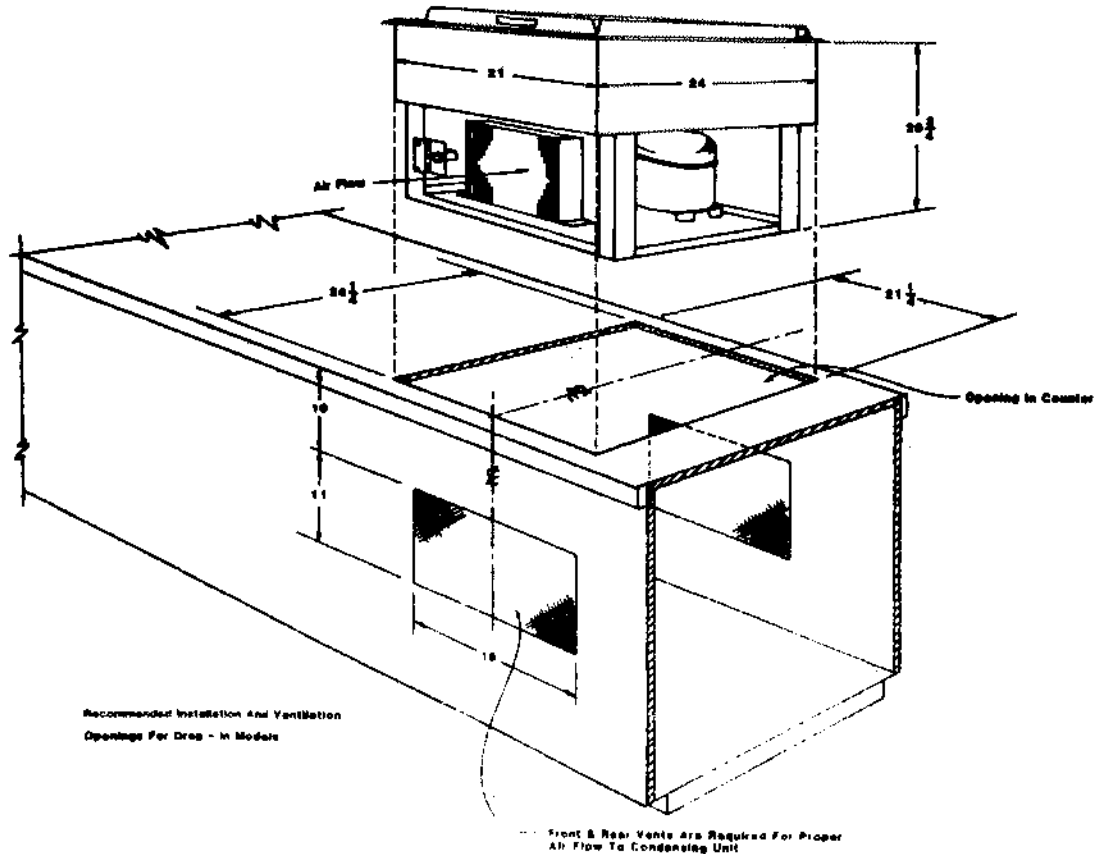
### Cabinet Surfaces

The cabinet interior and exterior surfaces should be cleaned periodically with a solution of warm water and mild soap, rinsed and wiped dry with a soft cloth. A good stainless steel cleaner can also be used. Should a surface become discolored, do not attempt to clean with an abrasive cleanser or scouring pad. Use a soft cleanser and rub with the grain of the metal to avoid scratching the surface. Do not use chlorinated cleaners on the stainless steel.

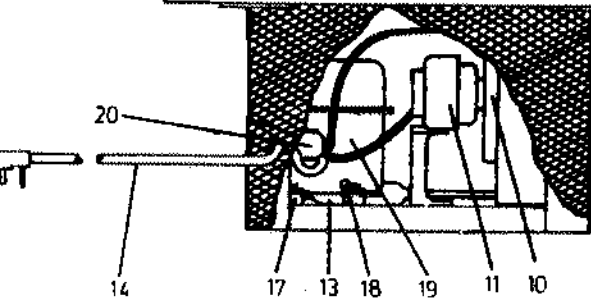
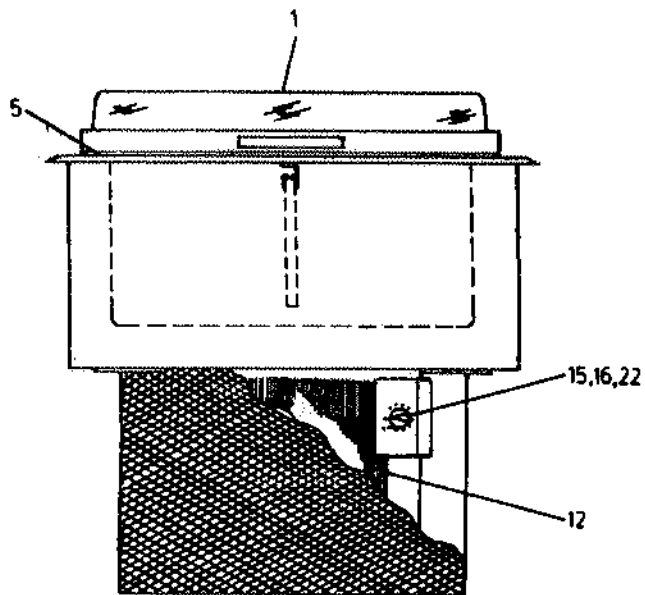
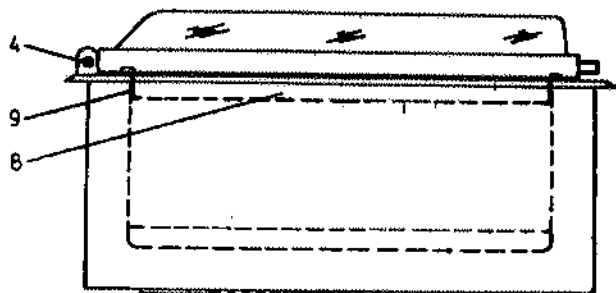
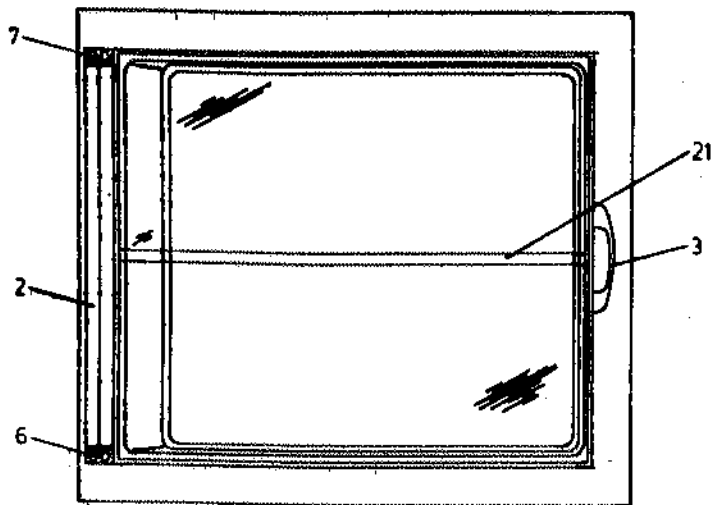
### Condenser

Periodically, accumulated dust must be removed from the condenser. First, disconnect the unit from the power supply. To clear the dust, blow air through the condenser fins or remove the protective screens and brush the dust from the backside of the condenser.

P/N 90064



MODEL \_\_\_\_\_ SERIAL NO. \_\_\_\_\_ DATE INSTALLED \_\_\_\_\_

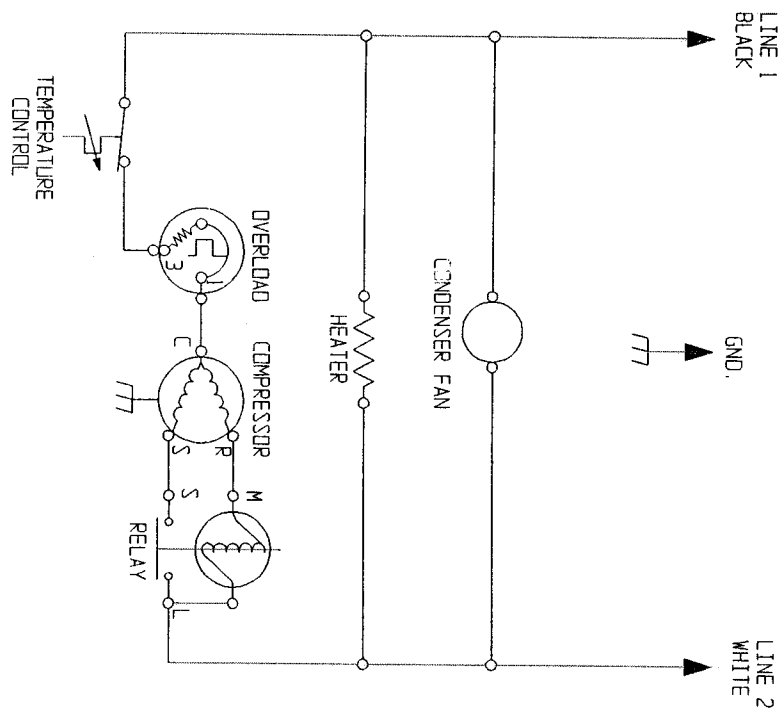
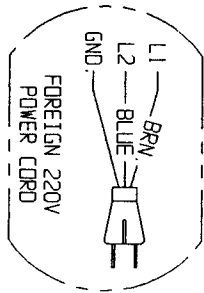
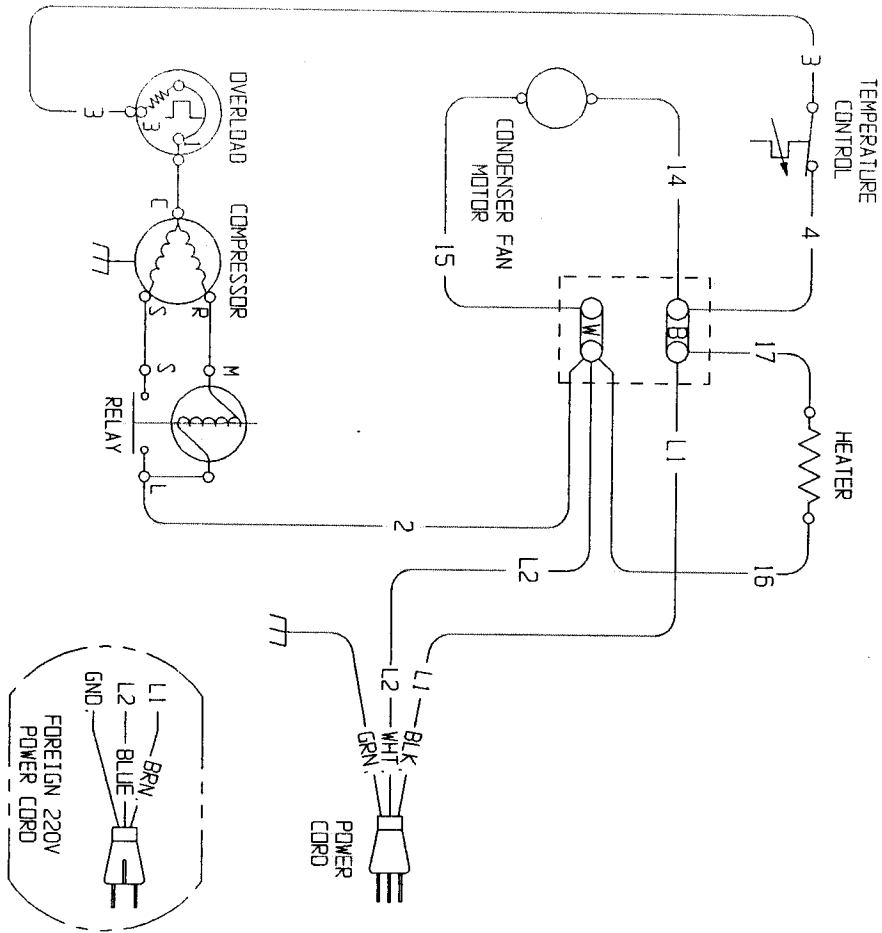


# PARTS LIST - SKCTMDI

(for units with serial numbers that end with 'M')

ITEM NO.	DESCRIPTION	PART NO.
1	COVER ASSEMBLY	61522
2	HINGE BAR	20855-1
3	HANDLE - CHROME	99444
4	GUIDE PIN, LID	21113
5	GASKET, LID	21655
6	HINGE BRACKET, LEFT	21666
7	HINGE BRACKET, RIGHT	23046
8	BREAKER	42286-03
9	BREAKER	42286-04
10	FAN BLADE, 6.5"	23505
11	FAN MOTOR 115/60	22048
	FAN MOTOR 220/50	43193
12	CONDENSER COIL	40400
13	DRIER	22677
14	POWER SOURCE CORD 115V	43263
	POWER SOURCE CORD 220V	23514
15	TEMPERATURE CONTROL	21332
16	PLATE, TEMPERATURE CONTROL	20653
17	GROMMET, COMPRESSOR MOUNT	20481
18	CLIP, HAIRPIN	98106
19	COMPRESSOR 220-240V/50HZ	10343-32
	COMPRESSOR 115V/60HZ	10343-01
20	RELAY/OVERLOAD 115/60	99894
	RELAY/OVERLOAD 220/50	99895
21	DEFROST PLATE	41509
22	KNOB, TEMPERATURE CONTROL	20651

WHEN ORDERING REPLACEMENT PARTS, PLEASE PROVIDE MODEL AND SERIAL NUMBERS.



63504

**WIRING DIAGRAM**

**MODEL SKCTMDI**  
115V, 60HZ, 1 PH AC

220V, 50/60HZ, 1 PH AC