

Technical Manual & Replacement Parts List

Freezer



MODEL SKF27A-ES

Marmon Foodservice Technologies
355 Kehoe Blvd., Carol Stream, IL 60188
Contact: (800) 328-3329 Silverking.com
FORM NO. 45274-SK REV B 07/2022

SILVER KING[®]

Specifications Subject to Change Without Notice.

TECHNICAL MANUAL
SILVER KING FRONT BREATHING FREEZER
MODELS SKF27A-ES 230V

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.

INSPECT FOR DAMAGE AND UNCRATE

Upon delivery of your new Silver King unit, uncrate at once to inspect for possible freight 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 filed.

PRECAUTIONS BEFORE USING THIS PRODUCT

- If the unit has recently been transported on its side (or placed horizontally), then please let unit stand with the casters (or feet) on the ground for a minimum of 24 hours before plugging it in.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use caution when cleaning the condenser, the fins are very sharp.
- For units with a dual hertz rating, no adjustments are required for normal operation.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- This refrigeration unit is not intended to be used at altitudes higher than 2000 meters.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Use caution when moving, installing, maintaining and using this refrigeration device to avoid either damaging the refrigerant tubing or increasing the risk of a leak.
- All component parts must be replaced with like components and all servicing must be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
- Do not exceed the maximum load capacity of 50 pounds per shelf.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS:

Safety Overview:

- Read and follow **ALL SAFETY INSTRUCTIONS** in this manual and any warning/caution labels on the unit (decals, labels or laminated cards).
- Read and understand ALL applicable OSHA (Occupational Safety and Health Administration) safety regulations before Operating this unit.

<i>Recognize Safety Alerts</i>

<i>This is the safety alert symbol. When you see it in this manual or on the unit, be alert to the potential of personal injury or damage to the unit.</i>

Different Types of Alerts:



DANGER:

Indicates an immediate hazardous situation which if not avoided **WILL** result in serious injury, death or equipment damage.



WARNING:

Indicates a potentially hazardous situation which, if not avoided, **COULD** result in serious injury, death, or equipment damage.



CAUTION:

Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury or equipment damage.

SAFETY PRECAUTIONS:



WARNING! - R290 Refrigerant used in this dispenser is flammable. Follow the Warnings listed below to avoid hazards.



Danger — Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigeration tubing.



Danger — Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator/freezer. Do not puncture refrigeration tubing.



Caution — Risk of fire or explosion. Flammable refrigerant used. Consult repair manual/owner's guide before attempting to service this product. All safety precautions must be followed.



Caution — Risk of fire or explosion. To be repaired only by trained service personnel. Use only Silver King approved replacement parts. Flammable refrigerant used.



Caution — Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.



WARNING - This product can expose you to chemicals including lead, which are known to the State of California to cause cancer, birth defects, or other reproductive harm.



CAUTION - Risk of Fire or Explosion. Flammable Refrigerant Used. Dispose Of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.



CAUTION - Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant used.

SAFETY PRECAUTIONS (Continued):



WARNING - Do not use electrical appliances inside the food/ice storage compartments unless they are of the type recommended by the manufacturer.



WARNING - Appliances and their surroundings shall not attain excessive temperatures in normal use.



WARNING - Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants may not contain an odor.



WARNING - Keep any required ventilation openings clear of obstruction.

Notice that servicing shall be performed only as recommended by manufacturer.



CAUTION - Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

DO NOT STORE EXPLOSIVE SUBSTANCES SUCH AS AEROSOL CANS WITH A FLAMMABLE PROPELLANT IN THIS APPLIANCE.

CHILDREN SHALL NOT PLAY WITH THE APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE PERFORMED BY CHILDREN WITHOUT SUPERVISION.

INSTALLATION

The stainless steel exterior of the cabinet has been protected by a plastic covering during manufacturing and shipping. This covering can be readily stripped before installation. After removing this covering, wash the interior and exterior surfaces using a warm, mild soapy water solution and a sponge or soft cloth. Rinse afterward with clean water and wipe dry. Do not use chlorinated cleaners.

Legs/Casters

Models without a base come with Legs or Casters. To install them, tilt the unit and thread the Legs or Casters into the four Rivnuts in the bottom of the cabinet. Make sure that they are installed tightly to prevent future thread wear. Return the unit to the upright position. ****Allow at least 24 hours of off time before connecting to a power source.**

Shelves

Inside the unit you will find Shelves and a plastic bag containing Shelf Supports. The Shelf Supports with the "tang" go on the rear Pilasters. This shelf system allows for easy adjustment to suit your needs.

Door Adjustment and Swing

Should the Door ever require straightening, loosen the Screws on the Hinges, square the Door with the cabinet and retighten the Screws. The mounting of the Door is easily reversible on single door units should space or convenience requires that you do so. Simply remove the Screws holding the Hinges, rotate the Door 180 degrees and relocate the Hinges on the side opposite their original location.

Location

When locating your new refrigerator, convenience and accessibility are important considerations, but the following installation guidelines must be followed;

- Always avoid placing the refrigerator adjacent to an oven, heating element or hot air source that would affect the operation of the unit.
- For proper ventilation the bottom front of the unit must not be obstructed. The unit must be on legs or casters to raise it off the floor. The unit can be installed tight on the sides and back.
- The unit must be level or tilted backwards slightly.

Safety

Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.

SPECIALIZED PRECAUTIONS AND GUIDELINES FOR SERVICING UNITS USING R290 REFRIGERANT:

Qualification of Service Personnel/Workers:

Required qualification of working personnel for maintenance, service and repair operations. Every working procedure that affects safety means shall only be carried out by competent persons.

Examples for such working procedures are:

- Breaking into the refrigerating circuit.
- Opening of sealed components.
- Opening of ventilated enclosures.

Information on Servicing:

- Prior to beginning work on systems containing **FLAMMABLE REFRIGERANTS**, safety checks are necessary to ensure that the risk of ignition is minimized.
- For repair to the **REFRIGERATING SYSTEM**, above steps shall be completed prior to conducting work on the system.

Work Procedure:

Work shall be performed under a controlled procedure so as to minimize the risk of a flammable gas or vapor being present while the work is being performed.

General Work Area:

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.

Checking for Presence of Refrigerant:

The area shall be checked with an appropriate refrigerant detector prior to, and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres.

Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

Presence of Fire Extinguisher:

If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry chemical or CO₂ fire extinguisher adjacent to the charging area.

No Ignition Sources:

No person carrying out work in relation to a **REFRIGERATING SYSTEM** which involves exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion.

All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

Ventilated Area:

Ensure that the area is in the open or that it is adequately ventilated before breaking into the refrigeration system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

Checks to the Refrigeration Equipment:

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer's technical department for assistance.

The following checks shall be applied to installations using **FLAMMABLE REFRIGERANTS**:

The actual **REFRIGERANT CHARGE** is in accordance with the room size within which the refrigerant containing parts are installed.

The ventilation machinery and outlets are operating adequately and are not obstructed.

If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant.

Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected.

Refrigerating pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

Checks to Electrical Devices:

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include and ensure:

That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;

Discharge capacitors in a way that won't cause any spark, using a Supco CapDis tool.

That no live electrical components and wiring are exposed while charging, recovering or purging the system; that there is continuity of earth bonding.

Repairs to Sealed Components:

During repairs to sealed components, all electrical supplies shall be disconnected from equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.

Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.

Ensure that the apparatus is mounted securely.

Ensure that seals or sealing materials have not degraded to the point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

Repair to Intrinsically Safe Components:

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.

Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating.

Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

NOTE: The use of silicon sealant can inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

Cabling:

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse physical or environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

Detection of Flammable Refrigerants:

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks.



CAUTION:

Risk of Fire or Explosion Due To Open Flame. A halide torch (or any other detector using a naked flame) shall not be used.

The following leak detection methods are deemed acceptable for all refrigerant systems:

Electronic leak detectors may be used to detect refrigerant leaks but, in the case of **FLAMMABLE REFRIGERANTS**, the sensitivity may not be adequate, or may need re-calibration. (NOTE: Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used.

Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25% maximum) is confirmed.

Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.

Avoid the use of dish-washing soap/water as a leak-detection fluid.

NOTE Examples of leak detection fluids are:

Bubble method

Fluorescent method agents

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak.

Removal and Evacuation:

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used.

However, for flammable refrigerants it is important that best practices be followed since flammability is a consideration. The

following procedure shall be adhered to:

- a) Safely remove refrigerant following local and national regulations
- b) Purge the circuit with inert gas
- c) Evacuate (optional for A2L)
- d) Purge with inert gas (optional for A2L)
- e) Open the circuit by cutting or brazing

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum (optional for A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

Charging Procedures:

In addition to conventional charging procedures, the following requirements shall be followed.



WARNING:

Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimize the amount of refrigerant contained in them.



WARNING:

Cylinders shall be kept in an appropriate position according to the instructions.



WARNING:

Ensure that the REFRIGERATING SYSTEM is earthed prior to charging the system with refrigerant.



WARNING:

Label the system when charging is complete (if not already).



WARNING:

Extreme care shall be taken not to overfill the REFRIGERATING SYSTEM.

Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. The system shall be leak-tested on completion of charging but prior to commissioning. A follow-up, leak test shall be carried out prior to leaving the site.

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 a power source. The specifications on the data plate supersede any future discussion.

The standard unit 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 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 unit 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 a minimum of two hours before loading it with product. When loading the unit with product, take care not to block the air flow at the back of the cabinet as this would affect the performance of the cabinet.

Temperature Control

The Temperature Control is located on the back of the cabinet and is factory set to maintain an average cabinet temperature of approximately 0 Deg F. To obtain colder temperatures, press and hold the set button until the set point value flashes. Use the up or down arrow buttons to change the value and then press the set button again. Allow the unit a minimum of one hour to respond to a control setting adjustment.

Defrost:

Your Silver King unit is an automatic defrost unit. No additional plumbing is required. Automatic defrosting is accomplished by a defrost heater and timer. Defrost water is collected in a pan located in the compressor compartment where it is evaporated into the room air. It is important that the unit be level so the condensate can drain properly.

MAINTENANCE

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

Cabinet Surfaces:

The cabinet interior is aluminum and the exterior is stainless steel. These surfaces should be cleaned periodically with a solution of warm water and mild soap. After cleaning the surfaces, they should be rinsed with clean water and wiped dry with a soft cloth. Stainless steel cleaners can be used on the exterior. Should a surface become stained, do not attempt to clean with an abrasive cleaner or scouring pad. Use a soft cleanser and rub with the grain of the metal to avoid scratching the surface. Always rinse well and dry after cleaning. Do not use chlorinated cleaners.

Condenser

Periodically, accumulated dust must be removed from the condenser. First, disconnect the unit from the power supply. To clear the dust, vacuum or brush the condenser at the bottom rear of the cabinet. This will need to be done regularly to maintain the compressor warranty!

WARNING: The condenser fins are very sharp, use caution when cleaning the condenser.

Door Gasket

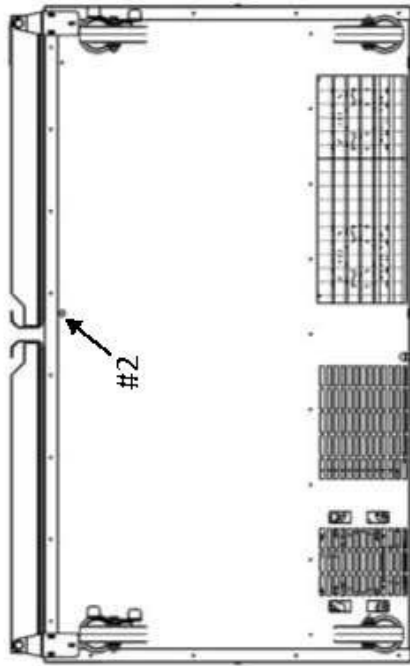
The Door Gasket will collect dirt and should be wiped clean with a warm, mild soapy water solution to extend its life and assure maximum cabinet performance and life.

MODEL _____ SERIAL NO. _____ DATE INSTALLED _____

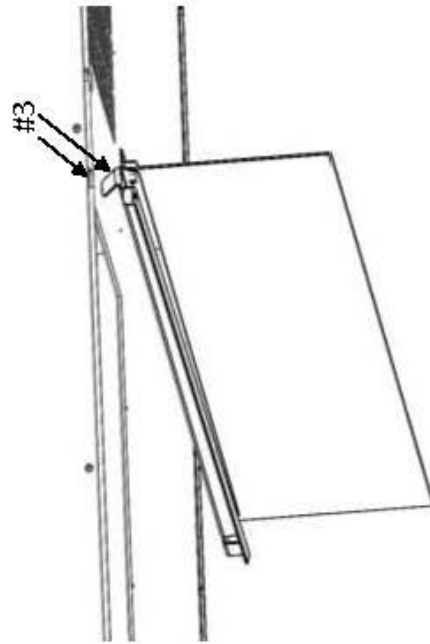
AIR CURTAIN INSTALLATION INSTRUCTIONS

APPLIES TO THESE MODELS: SKP278A, SKP2712A, SKP2727(D), SKR27A(D), SKF27A(D), SKR48A, SKF48A, SKP4812A, SKP6024(D), SKP60(D), SKPZ72(D), SKPZ92(D)

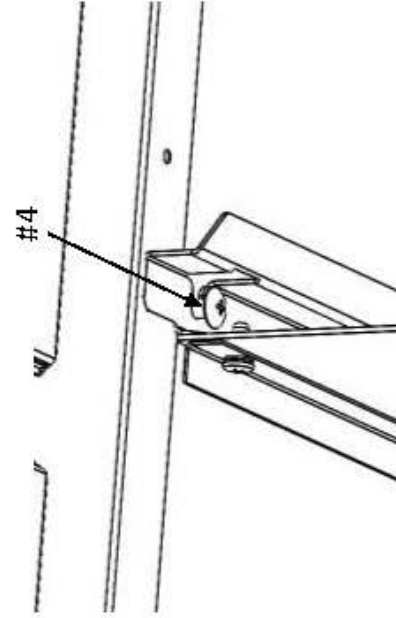
DO NOT OPERATE UNIT WITHOUT AIR CURTAIN INSTALLED

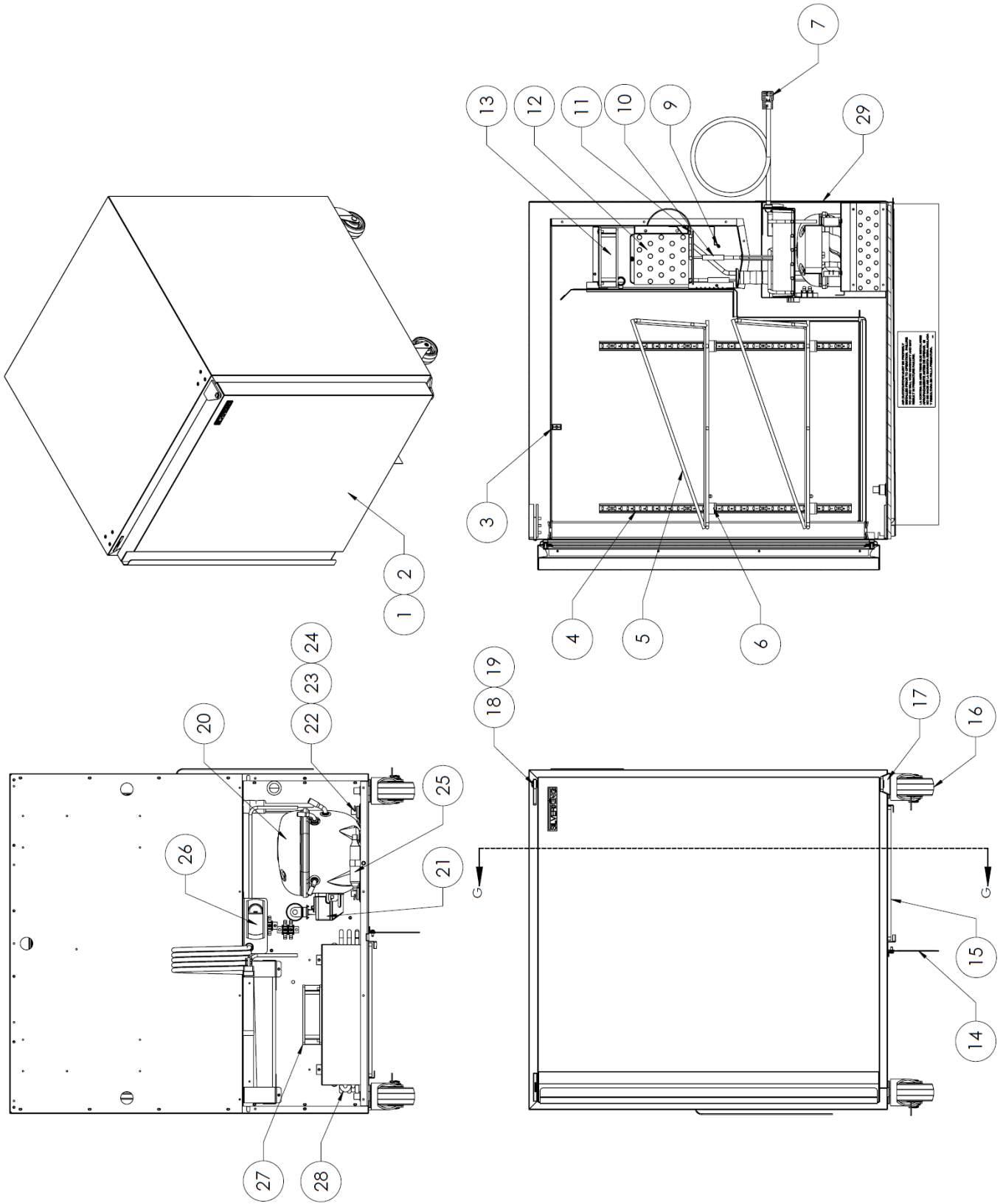


SKR48A SHOWN



1. Disconnect unit from power source.
2. Tip the unit on its back and loosen the center screw along the front bottom edge of the base.
3. Insert the tab on the end of the air curtain into the slot located along the rear lower edge of the unit.
4. Slip the opposite end of the air curtain under the screw head loosened in step #2 and tighten screw to secure the air curtain to the base.
5. Return unit to original upright position.





REPLACEMENT PARTS LIST - SKF27A-ES 230V

3	TEMPERATURE INDICATOR	22409-SK
4	PILASTER 20"	24600-SK
5	SHELF	35835
6	SHELF SUPPORT	99530
7	POWER CORD 230V EURO TYPE E-PLUG	43998
	POWER CORD 230V EURO TYPE EN-PLUG	37553
	POWER CORD 230V UK TYPE G-PLUG	43999
8	DEFROST PROBE	46127
9	TEMPERATURE CONTROL PROBE	46128
10	DEFROST HEATER EVAPORATOR	38345-SK
11	CAPILLARY TUBE EVAPORATOR	99035
12	EVAPORATOR COIL	38337
13	EVAPORATOR FAN MOTOR 230V	39577
14	AIR CURTAIN ASSEMBLY	38353
15	FILTER CONDENSER (OPTIONAL)	31221-SK
16	CASTER KIT 3"	10314-63
17	HINGE BOTTOM	24549-SK
18	HINGE TOP	27181
19	PIN TOP HINGE	22415-SK
20	KIT COMPRESSOR W/ ELECTRICALS 230V/50-60HZ	11700-9
21	KIT ELECTRICALS 230V/50-60HZ (RELAY, OVERLOAD)	11701-9
22	GROMMET COMPRESSOR MOUNT	20481
23	WASHER COMPRESSOR MOUNT	22401-SK
24	HAIRPIN CLIP COMPRESSOR MOUNT	98106
25	DRIER	22677-SK
26	ELECTRONIC TEMPERATURE CONTROL 230V	39951
27	CONDENSER FAN MOTOR 230V	39577
28	CONDENSER COIL	43339
29	REAR PANEL	45250
30	TONG HOLDER (OPTIONAL) (NOT SHOWN)	34997
31	KIT REAR STAND OFF BRACKETS (OPTIONAL) (NOT SHOWN)	10327-89

FORM 45273 REV C

WHEN ORDERING REPLACEMENT PARTS, PLEASE PROVIDE MODEL AND SERIAL NUMBERS

Thermistor Field Testing

Use the guide below to test if a thermistor (temperature probe) is functioning properly. See the replacement parts list for part number information. Table 2 is valid for all thermistors listed on table 1.

- **Establish Thermistor Temperature**

- Check the display's temperature reading.
- If a thermometer is available, use it to confirm the display's temperature reading by taking the temperature at the thermistor.
- If the previously stated tasks are unavailable, then use any reasonable means to estimate the thermistors temperature. See form M164 for ice bath method. (ice water is 32 °F)

- **Multimeter Set-up**

- Use a multimeter and set it to the resistance (Ω) setting. See Figure 1.
- Disconnect the thermistor from the controller, then connect the multimeter to the thermistor. See Figure 1.
- Check and compare the multimeter's reading to Table 1.

- **Analyze Results**

- If the resistance and temperature are similar, then the thermistor is working properly and does not need to be replaced.
- If the resistance and temperature are not similar or the resistance's value is not on Table 1, then the thermistor is not working properly and needs to be replaced.
- If the resistance reads over-limit, then the thermistor is not working properly and needs to be replaced.

Table 2

Temp (°F)	Ohms (k Ω)	Temp (°C)
-4.0	67.8	-20
-0.4	61.5	-18
3.2	56.0	-16
6.8	51.0	-14
10.4	46.5	-12
14.0	42.5	-10
17.6	38.8	-8
21.2	35.4	-6
24.8	32.4	-4
28.4	29.7	-2
32.0	27.3	0
35.6	25.0	2
39.2	23.0	4
42.8	21.2	6
46.4	19.5	8
50.0	18.0	10
53.6	16.6	12
57.2	15.3	14
60.8	14.1	16
64.4	13.0	18
68.0	12.1	20
71.6	11.2	22
75.2	10.4	24
78.8	9.6	26
82.4	8.9	28
86.0	8.3	30
89.6	7.7	32
93.2	7.2	34
96.8	6.7	36
100.4	6.3	38
104	5.8	40

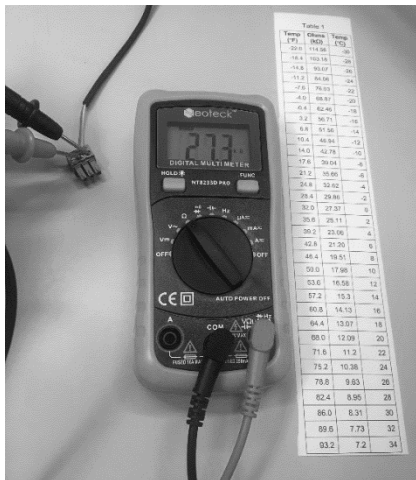


Figure 1

Table 1

Thermistor Description	Part Number
60" black	46128
120" black	46141
60" green	46127
120" green	46140
96" black	38822

SILVER KING WARRANTY – LEGACY PRODUCT LINE

Silver King warrants to the original purchaser of every new Silver King Legacy refrigerated self-contained unit (as defined below), that the Equipment shall be free from defects in material and workmanship under normal use and service as outlined in the Technical Manual for a period of one (1) year from the later of either (a) the date of shipment from the manufacturer or (b) the date of installation (the “Warranty Period”), but in no event shall the Warranty Period commence later than six (6) months from the date of shipment from the manufacturer unless otherwise agreed upon by the parties in writing. Equipment includes General Market Refrigeration units and excludes all Dispensing and Custom Holding Refrigeration or extended agreements whose written terms are conditional at time of sale or contract. All warranties are subject to specific limitations outlined below.

This Equipment warranty does not apply to: Repair or replacement required as a result of carelessness or neglect. Improper installation, incorrect voltage supply, modifying, tampering with or altering components and/or Equipment. Failure to perform proper maintenance. This warranty does not apply to damage resulting from fire, water, burglary, accident, abuse, misuse, transit, acts of God, terrorism, attempted repairs, improper installation, or maintenance by unauthorized persons, and does not apply to food loss. Unit is compromised by adding excess weight or adhering nonapproved components to the frame. Combining the equipment with hardware, fixtures, accessories, or other equipment not provided by Silver King. Misuse of the Equipment or use of the Equipment not in accordance with the Technical Manual. Warranty excludes consumables or replacement components such as shelving, trays, gaskets, etc. Warranty excludes interior liner or exterior shell. Condensing coils must be cleaned at regular intervals. Failure to do so can cause compressor malfunction and will void warranty. Although cleaning requirements vary in accordance with operation of various products, Silver King advocates a minimum monthly cleaning.

The Equipment warranty does not include freight, handling, installation, labor (following the (1) year labor warranty period), or other incidental or consequential costs including product and/or economic loss. This Equipment warranty is in lieu of all other warranties, express or implied, are hereby disclaimed and excluded including those of merchantability, and fitness for a particular purpose. This Equipment warranty is non-transferable. Specific provisions of this Equipment warranty are as follows:

90 DAY REPLACEMENT PARTS WARRANTY

Silver King warrants to the original Equipment purchaser that a replacement OEM part thereof will be free of defects in material and workmanship, under normal use and service, for a period of 90 days from the date of original purchase of such replacement OEM part subject to all terms and conditions herein.

LIFETIME HINGE AND HANDLE WARRANTY

Silver King provides a lifetime warranty on hinges and primary (door or drawer) handles for equipment manufactured on or after December 15, 2019. In the event of a non-conforming hinge or primary handle, Silver King shall provide a replacement part; however, Purchaser shall be responsible for any other replacement costs, including but not limited to shipping, installation and labor.

Three (3) Year Drawer Slide Warranty Silver King warrants to the original Equipment purchaser for a period of time not to exceed the earlier of the following: three (3) years from the date of original purchase of the Equipment or three (3) years and six (6) months from the date of shipment from the factory of the equipment,

that it will replace the drawer slides with one of similar design and capacity, exclusive of delivery and installation charges, if it is found in Silver King's review to be inefficient or inoperative due to defects in material or factory workmanship.

FIVE (5) YEAR COMPRESSOR WARRANTY

Silver King warrants to the original Equipment purchaser for a period of time not to exceed the following: five (5) years from the date of original purchase of the Equipment or five (5) years and six (6) months from the date of shipment from the factory of the Equipment, that it will replace the compressor with one of similar design and capacity, exclusive of delivery and installation charges, if it is found subject to Silver King's review to be inefficient or inoperative due to defects in material or factory workmanship. It is the original purchaser's responsibility to return the serial plate of the defective compressor, or at Silver King's option the complete compressor, to the factory. Failure to do so will void this limited compressor warranty. This limited compressor warranty shall be limited to parts only after the WARRANTY period applicable to the Equipment has expired.

This Equipment warranty is limited to repairing or replacing any parts that, at Silver King's discretion, are deemed to be defective within the time period covered by this warranty. The three (3) year parts warranty covers standard freight and handling charges. Special handling charges or expedited means for transport are excluded from reimbursement. Use of non-OEM parts may, at Silver King's discretion, void this warranty. If approved, warranty credit for non-OEM parts will be issued at the OEM cost. Replacement parts sold separately are warranted for 90-days from date of purchase. Special installation / applications, including remote locations, are limited in coverage by this warranty. Any installation that requires extra work, and or travel, is the sole responsibility of the equipment purchaser.

ADDITIONAL WARRANTY GUIDELINES

A factory issued Service Authorization Number must be obtained prior to work being performed under the (1) one-year labor warranty. Contact your supplier or Silver King. Claims submitted without a Service Authorization Number will be paid at Silver King's discretion. The labor warranty includes standard straight time labor charges in accordance with Silver King's Labor Warranty Guidelines and reasonable travel time, as determined as determined in the Silver King time – rate guide.

Silver King, at its discretion, may request photos during or prior to service being dispatched to validate a technical issue. Failure to comply with the request may result in the cost of service being the responsibility of the service requestor or site.

The labor warranty does not cover original installation, startup, normal adjustments, or maintenance. Normal adjustments and maintenance include, but are not limited to: temperature control adjustments, temperature indicator calibrations, coil and filter cleaning, or condensate drain cleaning.

A second service call for a related failure is not covered.

Use of refrigerants other than specified on the Equipment serial plate voids the warranty. All claims must include: model and serial number of equipment, date of purchase, date of failure, and a copy of the service invoice detailing the defect and service performed. No claim will be processed without this information. All claims must be filed within 30 days from date of service.

PRODUCT ORDERING INFORMATION

Call us toll-free at 1-800-328-3329 or 1-763-923-2441. Fax us at 1-763-553-1209. Visit www.silverking.com for stocking distributor, equipment specs, and current price list for your area.

SERVICE / PARTS ORDERING INFORMATION

Call us toll free at 1-800-328-3329. Select prompt 1 for Equipment Service and Tech Support or prompt 2 for Parts.

TERMS AND CONDITIONS

WARRANTY period may vary from customer to customer and is contract specific. All prices reflect payment in U.S. Dollars. Prices do not include any freight, duty, or taxes. Pricing subject to change without notice. No returns are accepted without prior written approval from the factory. An RMA (Returned Merchandise Authorization) form must be completed and then approved by Silver King. Please contact Silver King for details. Restocking fee will apply. All electrical equipment is single phase. Prices, designs, and specifications are subject to change without notice. Payments via credit card are subject to a 3.5% surcharge.

Any and all environmental attributes, including environmental offset credit rights, with respect to Silver King refrigeration units manufactured after September 1, 2015, shall remain the property of Silver King and are not transferred.

IN NO EVENT SHALL SILVER KING BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES. THE REMEDIES OF PURCHASER SET FORTH HEREIN ARE EXCLUSIVE AND THE TOTAL LIABILITY OF SILVER KING, WHETHER BASED ON CONTRACT, WARRANTY, NEGLIGENCE, INDEMNIFICATION, STRICT LIABILITY, TORT, OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE OF THE COMPONENT UPON WHICH LIABILITY IS BASED. SILVER KING SHALL HAVE NO OBLIGATION OR LIABILITY FOR CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO INDIRECT, PUNITIVE DAMAGES, LOSS OF USE, LOSS OF PRODUCT, DOWNTIME OR LOST PROFITS, ARISING OUT OR RELATED TO OR CONNECTED IN ANY WAY WITH THE PRODUCT OR ITS USE.

© Silver King prices subject to change without notice

Note: Additional Terms and Conditions of sale may apply. Notice: Specifications subject to change without notice. Contact factory for specific model agency approval.



Marmon Foodservice Technologies
355 Kehoe Blvd, Carol Stream, IL 60188
1-800-328-3329, marmonfoodservice.com



MANUAL TECNICO

CONGELADORES DE RESPIRACION FRONTAL SILVER KING

MODELOS SKF27A

Gracias por comprar la maquinaria de servicios de alimentación Silver King. Nuestro objetivo es otorgar a nuestros clientes la mejor maquinaria de la industria actual. Sírvase leer este manual y la información acerca de la garantía que lo acompaña antes de poner en funcionamiento su nueva unidad Silver King. Asegúrese de completar y enviar por correo la tarjeta de garantía dentro de los 10 días posteriores a la compra a fin de ratificar su garantía.

INSPECCION LA UNIDAD EN BUSCA DE DAÑOS Y DESEMBALE

Cuando reciba su nueva unidad Silver King, desembálela inmediatamente y controle que no haya sufrido daños durante el transporte siguiendo las instrucciones impresas en la parte externa del envase. Si encuentra daños, infórmelo a la empresa responsable del transporte y presente inmediatamente un reclamo ante cualquier prueba de maltrato. Si presenta un reclamo, conserve todo el material de embalaje.

INSTALACION

El exterior del gabinete de acero inoxidable ha sido protegido por una cubierta de plástico en la fabricación y envío. Esta cubierta puede ser retirada antes de la instalación. Una vez retirada la cubierta, lave las superficies internas y externas utilizando una solución de agua jabonosa y tibia y una esponja o paño, enjuague con agua limpia y seque. No utilice limpiadores clorinados.

Ubicación:

Al elegir una ubicación para su nueva unidad Silver King, debe tener en cuenta la conveniencia y facilidad de acceso, pero debe seguir las siguientes pautas de instalación;

- Siempre evite colocar la unidad cerca de un horno, elemento calefactor o fuente de aire caliente, que pueda afectar el funcionamiento de la unidad.
- La unidad debe estar derecha o levemente inclinada hacia atrás.
- Para lograr una ventilación adecuada, la parte inferior de la unidad no debe estar obstruida.

Patas/Rueditas:

La unidad trae patas o rueditas. Para instalarlas, incline la unidad y enrosque las Patas o Rueditas en las 4 Tuercas ubicadas en la parte inferior del gabinete. Asegúrese que estén ajustadas para prevenir el futuro desgaste de las roscas. Periódicamente controle que las patas/rueditas estén ajustadas.

Ajuste y Vaivén de la Puerta:

En caso de necesitar enderezar la puerta, afloje los Tornillos en las Bisagras, alinee la Puerta con el gabinete y ajuste los Tornillos nuevamente.

El engaste de la puerta es fácilmente reversible en las unidades de una sola puerta si usted desea hacerlo por cuestiones de espacio o conveniencia. Simplemente retire los Tornillos que sostienen las Bisagras, rote la puerta 180 grados y coloque las Bisagras en el lado opuesto a su ubicación original.

Cajones:

Si desea retirar los Cajones ubicados en los módulos de cajones para limpiarlos, simplemente ábralos en forma completa y retire la Palanca de Tope en las Guías de los Cajones mientras que extrae el Cajón. Para volver a colocar el cajón, alinee las guías de los cajones en el gabinete y el Cajón y coloque el Cajón dentro del gabinete. Puede retirar el Panel de Cajones levantándolo y extrayéndolo con el Cajón totalmente extendido.

Conexiones Eléctricas

Asegúrese de revisar la placa de datos ubicada en el revestimiento del gabinete para ver el voltaje requerido antes de conectar la unidad a una fuente eléctrica. Las especificaciones en la placa de datos sustituyen cualquier discusión posterior.

La unidad estándar está equipada con un cable de transmisión de energía de 2,43 metros (8 pies) que requiere un receptor eléctrico con descarga a tierra de 115 Voltios, 60 Ciclos, 1 Fase. El cable de transmisión de energía incluye un enchufe de tres patas para la descarga a tierra. Cualquier intento de cortar la pata de descarga a tierra o de conectar el enchufe a un adaptador que no posea descarga a tierra anulará la garantía, eximirá a los fabricantes de responsabilidad y podría resultar en un serio daño.

El circuito debe estar protegido con un fusible o interruptor de 15 o 20 amperios. La unidad debe estar aislada en un circuito y no debe conectarse a una prolongación del cable.

OPERACION

Arranque inicial

Una vez cumplidos los requisitos de instalación, la unidad está lista para comenzar a funcionar. La unidad comenzará a funcionar cuando se conecte el cable de transmisión de energía a la fuente de energía correspondiente. Si el Compresor no arranca cuando enchufa la unidad, asegúrese que el Control de Temperatura no está en la posición de "apagado". Deje la unidad funcionando por dos horas antes de colocar productos en ella. Cuando coloque los productos dentro de la unidad, asegúrese de no estar bloqueando la circulación de aire en la parte trasera del gabinete, lo cual afectaría el correcto funcionamiento de la unidad.

Control de Temperatura:

El Control de Temperatura está ubicado en la pared posterior del revestimiento del gabinete y está ajustado en fábrica para mantener una temperatura promedio de aproximadamente -18 Grados Centígrados (0 Grado Fahrenheit). Para obtener temperaturas más bajas gire la perilla de Control de temperatura en el sentido de las agujas del reloj y viceversa. Espere un mínimo de una hora para que la unidad responda a un ajuste de control.

Descongelamiento:

Su unidad Silver King posee descongelamiento automático y no se requieren trabajos de plomería adicionales. El descongelamiento automático se produce por medio de un calefactor descongelante y un controlador del encendido. La escarcha generada en la bobina del evaporador será eliminada en intervalos de seis horas. El agua descongelada se almacena en un panel ubicado en el compartimento del compresor, desde donde se evapora al aire del ambiente. Es importante que la unidad esté instalada derecha para permitir el desagüe adecuado del agua condensada.

MANTENIMIENTO

El mantenimiento preventivo es mínimo, aunque estos pocos pasos son muy importantes para que la unidad siga funcionando y para maximizar la vida útil del artefacto.

Superficies del Gabinete:

El interior del gabinete es de aluminio y acero inoxidable y el exterior es de acero inoxidable. Debe limpiar las superficies en forma periódica con una solución de agua tibia y jabón suave, luego enjuagar y secar con un paño suave. También puede utilizar un buen limpiador de acero inoxidable. Si alguna superficie se manchara, no intente limpiarla con un limpiador abrasivo o una esponja áspera. Utilice un limpiador suave y frótelo con el granulado del metal para evitar rayar la superficie. Siempre enjuague y seque las superficies después de limpiarlas. No utilice limpiadores clorinados.

Condensador:

El polvo acumulado en el condensador debe ser retirado en forma periódica. En primer lugar, desconecte la unidad de la fuente de energía. Para retirar el polvo, aspire o cepille el condensador ubicado en la parte trasera del gabinete. ¡Esta operación debe ser llevada a cabo con regularidad para mantener la vigencia de la garantía!

MODELO _____ NUMERO DE SERIE _____ FECHA DE INSTALACION _____

MANUEL TECHNIQUE DES CONGÉLATEURS SILVER KING RESPIRANT À L'AVANT MODÈLES SKF27A

Merci d'avoir acheté l'équipement de restaurant Silver King. Notre but est de fournir à nos clients l'équipement le plus fiable de l'industrie d'aujourd'hui. Veuillez lire ce manuel et l'information de garantie qui l'accompagne avant de faire fonctionner votre nouvelle unité Silver King. Assurez-vous de remplir et d'expédier la carte de garantie dans les dix jours suivant l'achat pour valider votre garantie.

INSPECTEZ POUR DES DOMMAGES ÉVENTUELS ET DÉBALLEZ L'UNITÉ DE SA CAISSE

Lors de la livraison de votre nouvelle unité Silver King, déballez-la tout de suite afin de l'examiner et de l'essayer pour des dommages possibles en suivant les instructions imprimées sur l'extérieur du conteneur. Signalez tout dommage au transporteur responsable du transport et présentez immédiatement une réclamation s'il y a n'importe quelle preuve de manquement défectueux. Conservez tous les matériaux d'emballage si une réclamation doit être déposée.

INSTALLATION

L'extérieur en acier inoxydable de l'armoire a été protégé par un revêtement en plastique au cours de la fabrication et de l'expédition. Ce revêtement peut être arraché facilement avant l'installation. Après avoir enlevé ce revêtement, lavez les surfaces intérieures et extérieures en utilisant de l'eau savonneuse chaude et douce et une éponge ou un chiffon. Rincez ensuite avec de l'eau propre et séchez en essuyant. N'utilisez pas des produits de nettoyage chlorés.

Emplacement:

Quand vous déterminez l'emplacement de votre nouvelle unité Silver King, la commodité et l'accessibilité sont des considérations importantes, mais les conseils d'installation qui suivent doivent être observés.

- Évitez toujours de placer l'unité dans le voisinage d'un four, d'un élément chauffant ou d'une source d'air chaud qui affecterait le fonctionnement de l'unité d'une manière négative.
- L'unité doit être à niveau.
- Pour avoir une ventilation correcte, l'avant inférieur de l'unité ne doit pas être obstrué.

Pieds/Roulettes:

L'unité se présente avec des pieds ou des roulettes. Pour les installer, inclinez l'unité sur le côté et vissez les pieds ou les roulettes dans les 4 écrous à raver dans le bas de l'unité. Assurez-vous qu'ils sont installés dans un état bien serré pour empêcher l'usure des filets dans l'avenir. Vérifiez périodiquement le serrage.

Réglage et arc décrit de porte:

Si la porte demande jamais à être redressée, desserrez les vis sur les charnières, réglez la perpendicularité de la porte par rapport à l'armoire et resserrez les vis.

Le montage de la porte est facilement réversible sur les unités à porte unique si l'espace disponible ou la commodité exigent que vous fassiez ainsi. Enlevez simplement les vis retenant les charnières, faites tourner la porte de 180 degrés et transférez les charnières sur le côté opposé à leur emplacement d'origine.

Tiroirs:

Pour retirer les tiroirs sur les modèles à tiroir pour leur nettoyage, ouvrez-les simplement complètement, poussez les leviers d'arrêt hors du chemin sur les chemins de glissement de tiroir dans l'armoire tout en tirant le tiroir à l'extérieur. Pour remonter le tiroir, alignez les voies de glissement du tiroir existant sur l'armoire avec le tiroir et poussez le tiroir pour le faire entrer dans l'armoire. Le plateau de tiroir peut être

enlevé en le soulevant pour le faire sortir alors que le tiroir est allongé.

Connexions électriques:

Assurez-vous de consulter la plaque des données, située sur la paroi de l'armoire, au sujet de la tension requise avant de connecter l'unité avec son alimentation. Les caractéristiques indiquées sur la plaque de données remplacent toute discussion ultérieure.

L'unité standard est munie d'un cordon d'alimentation long de huit (8) pieds qui exige une prise de courant convenablement mise à la terre de 115 volts, 60 cycles/s, courant monophasé. Le cordon d'alimentation se présente avec une fiche à trois broches dans un but de mise à la terre. Toute tentative de couper la pointe de mise à la terre ou de connecter l'unité à une fiche d'adaptateur non mise à la terre annulera la garantie, mettra fin à la responsabilité des fabricants et peut produire des blessures sérieuses.

Le circuit doit être protégé par un fusible ou un disjoncteur de 15 ou 20 ampères. L'unité doit être isolée sur un circuit et ne doit pas être branchée dans un cordon de rallonge.

FONCTIONNEMENT

Démarrage initial:

Après avoir satisfait les exigences d'installation, l'unité est prête à démarrer. L'unité démarrera quand le cordon d'alimentation sera connecté à la source d'alimentation requise. Si le compresseur ne démarre pas quand l'unité est initialement branchée, vérifiez pour vous assurer que le réglage de température n'est pas dans la position "arrêt". Laissez l'unité fonctionner pendant au moins deux heures avant de la charger avec du produit. Lorsque vous chargez l'unité avec du produit, faites attention à ne pas bloquer l'écoulement d'air à l'arrière de l'armoire car cela affecterait la qualité de fonctionnement de l'armoire.

Réglage de température:

Le réglage de température est situé sur la paroi arrière de l'armoire; il est établi en usine pour maintenir une température moyenne de l'armoire de 0 degré F. Pour obtenir des températures plus froides, faites tourner la tige de commande de température dans le sens horaire et vice versa. Laissez à l'unité au moins une heure pour répondre à un réglage de fixation de régulation.

Dégivrage:

Votre unité Silver King est une unité à dégivrage automatique. Aucune tuyauterie supplémentaire n'est requise. Le dégivrage automatique est accompli par un réchauffeur de dégivrage et une minuterie. L'accumulation de givre sur le serpentin de l'évaporateur est dégagée à des intervalles de six heures. L'eau de dégivrage est recueillie dans un récipient situé dans le compartiment du compresseur où elle s'évapore dans l'air de la salle. Il est important que l'unité soit installée horizontalement pour permettre une évacuation correcte du condensat.

ENTRETIEN

L'entretien préventif est minimal bien que les quelques mesures qui suivent soient très importantes pour un fonctionnement continu et pour maximiser la durée de vie de l'appareil.

Surfaces de l'armoire

L'intérieur et l'extérieur de l'armoire sont en acier inoxydable. Ces surfaces doivent être nettoyées périodiquement avec une solution de savon doux dans l'eau chaude. Après le nettoyage, les surfaces doivent être rincées avec de l'eau propre et essuyées avec un chiffon doux pour les rendre sèches. Des produits de nettoyage de l'acier inoxydable peuvent aussi être utilisés. Si une surface devient couverte de taches, n'essayez pas de la nettoyer avec une poudre à nettoyer abrasive ou un tampon à récurer. Utilisez un produit d'entretien doux et frottez en suivant le grain du métal pour éviter d'égratigner la surface. Rincez toujours bien et séchez après le nettoyage. N'utilisez pas des produits de nettoyage chlorés.

Condenseur

Il faut nettoyer périodiquement le condenseur pour enlever la poussière. Débranchez d'abord l'unité de l'alimentation. Pour enlever la poussière, passez le condenseur à l'aspirateur ou brossez-le. Cela a besoin d'être fait régulièrement pour maintenir la garantie du compresseur !

MODÈLE _____ N° DE SÉRIE. _____ DATE D'INSTALLATION _____

TECHNISCHES HANDBUCH

SILVER KING FRONTBELÜFTETE GEFRIERSCHRÄNKE

Wir danken Ihnen für den Kauf dieses Silver King Produktes. Unser Ziel ist es, unseren Kunden das zuverlässigste Produkt auf dem Markt zu liefern. Bitte lesen Sie dieses Handbuch und die beiliegenden Garantieinformationen durch, bevor Sie Ihr neues Silver King Gerät in Betrieb nehmen. Sie sollten die Garantiekarte ausfüllen und spätestens 10 Tage nach dem Kauf einsenden, um Ihren Garantieanspruch zu sichern.

AUSPACKEN UND AUF SCHÄDEN UNTERSUCHEN

Packen Sie Ihr neues Silver King Gerät sofort nach dem Kauf aus, um es auf eventuelle Transportschäden zu untersuchen. Folgen Sie dabei den Anweisungen, die außen auf der Verpackung angebracht sind. Melden Sie eventuelle Schäden dem für den Transport verantwortlichen Unternehmen und fordern Sie sofort Schadenersatz, wenn Sie Hinweise entdecken, die auf fehlerhafte Behandlung schließen lassen. Bewahren Sie alle Verpackungsmaterialien auf, falls Sie Schadenersatz fordern.

INSTALLATION

Das Edelstahlgehäuse des Schrankes wird während der Herstellung und des Transports durch eine Plastikfolie geschützt. Diese Folie kann vor der Installation leicht entfernt werden. Nach dem Entfernen der Folie sollten Sie die Oberflächen innen und außen mit warmem Seifenwasser und einem Schwamm oder Tuch reinigen. Spülen Sie sie danach mit klarem Wasser ab und wischen Sie sie trocken. Verwenden Sie keine chlorhaltigen Reinigungsmittel.

Aufstellort:

Für die Wahl des Aufstellortes Ihres neuen Silver King Gerätes sind Bequemlichkeit und Zugänglichkeit wichtige Kriterien, folgendes muss jedoch beachtet werden:

- Stellen Sie das Gerät nie direkt neben eine Wärmequelle, wie einen Herd oder Heizkörper, denn dies würde die Leistung des Gerätes beeinträchtigen.
- Das Gerät muss eben stehen.
- Die untere Vorderseite des Gerätes darf nicht abgedeckt sein, damit eine ordnungsgemäße Belüftung gewährleistet ist.

Füße/Rollen:

Das Gerät wird mit Füßen oder Rollen geliefert. Um sie zu installieren, kippen Sie das Gerät und schrauben die Füße oder Rollen in die 4 Nietmuttern im Boden des Gerätes. Achten Sie darauf, dass sie fest angezogen sind, damit das Gewinde nicht abgenutzt wird. Überprüfen Sie regelmäßig, ob sie noch fest sitzen.

Türausrichtung und Türanschlag:

Sollte die Tür einmal ausgerichtet werden müssen, lockern Sie die Schrauben an den Scharnieren, bringen die Tür in einen rechten Winkel zum Schrank und ziehen die Schrauben wieder an.

Der Türanschlag kann bei Geräten mit einer Tür einfach geändert werden, sollten es die Platzverhältnisse oder die Bequemlichkeit erfordern. Entfernen Sie einfach die Schrauben, die die Scharniere halten, drehen Sie die Tür um 180 Grad und befestigen Sie die Scharniere auf der gegenüberliegenden Seite.

Auszüge:

Bei Modellen mit Auszügen können Sie diese ganz einfach zum Reinigen entfernen, indem Sie sie ganz herausziehen, die Arretierhebel auf den Auszugschienen wegdrücken und dann die Auszüge herausnehmen. Um die

Auszüge wieder einzubauen, bringen Sie die Auszugschiene im Schrank und den Auszug in eine Linie und schieben den Auszug in den Schrank. Die Auszugschale kann herausgenommen werden, wenn der Auszug geöffnet ist.

Elektrischer Anschluss:

Informieren Sie sich auf dem Hinweisschild an der Schrankinnenwand über die erforderliche Spannung, bevor Sie das Gerät anschließen. Die Angaben auf dem Hinweisschild gelten auch entgegen eventuell anderslautender zukünftiger Angaben.

Das Standardgerät wird mit einem 2,5 m langen Stromkabel geliefert, das für eine einphasige ordnungsgemäß geerdete Steckdose mit 115 Volt und 60 Hz ausgelegt ist. Das Stromkabel wird mit einem Stecker mit 3 Stiften zur Erdung geliefert. Wird versucht, den Erdungsstift zu entfernen oder das Gerät mit einem ungeerdeten Zwischenstecker zu verbinden, erlischt die Garantie, der Hersteller übernimmt keine Verantwortung und es kann zu ernsthaften Verletzungen kommen.

Der Stromkreis muss mit einer 15 oder 20 Ampere Sicherung oder einem Schutzschalter gesichert sein. Es darf kein weiteres Gerät am Stromkreis angeschlossen sein und kein Verlängerungskabel verwendet werden.

BETRIEB

Erstmaliger Betrieb:

Wenn die Installationsvoraussetzungen erfüllt sind, kann das Gerät in Betrieb genommen werden. Das Gerät schaltet sich ein, sobald das Stromkabel mit der erforderlichen Stromquelle verbunden ist. Falls der Kompressor sich nicht einschaltet, sobald das Gerät erstmalig an den Strom angeschlossen wird, stellen Sie sicher, dass der Temperaturregler nicht auf "aus" steht. Lassen Sie das Gerät mindestens zwei Stunden lang laufen, bevor Sie Lebensmittel einordnen. Wenn Sie Lebensmittel einordnen, achten Sie darauf, den Luftfluss im hinteren Bereich des Schrankes nicht zu behindern, da dies die Leistung des Gerätes beeinträchtigen würde.

Temperaturregler:

Der Temperaturregler befindet sich an der hinteren Schrankinnenwand und ist fabrikmäßig auf eine durchschnittliche Schranktemperatur von -18°C eingestellt. Wollen Sie kältere Temperaturen erreichen, drehen Sie den Temperaturregler im Uhrzeigersinn, wollen Sie die Temperatur erhöhen, drehen Sie ihn gegen den Uhrzeigersinn. Das Gerät braucht mindestens eine Stunde, um auf die neue Einstellung des Temperaturreglers zu reagieren.

Abtauen:

Ihr Silver King Gerät taut automatisch ab. Dafür sind keine zusätzlichen Installationen nötig. Das automatische Abtauen geschieht durch eine Abtauheizung und einen Timer. Das Eis auf der Verdampferschlange wird alle sechs Stunden entfernt. Das Abtauwasser wird in einer Auffangschale gesammelt, die sich im Bereich des Kompressors befindet, und verdunstet dort in die Raumluft. Es ist wichtig, dass das Gerät eben aufgestellt wird, damit das Abtauwasser ordnungsgemäß ablaufen kann.

WARTUNG

Das Gerät benötigt nur minimale vorbeugende Wartung, doch diese wenigen Schritte sind sehr wichtig, um den Betrieb zu gewährleisten und die Lebensdauer des Gerätes zu verlängern.

Schrankoberflächen:

Das Schrankinnere und -äußere sind aus Edelstahl. Diese Oberflächen sollten regelmäßig mit warmem Seifenwasser gereinigt werden. Nach dem Reinigen sollten die Oberflächen mit klarem Wasser abgespült und mit einem weichen Tuch trocken gewischt werden. Es kann auch ein Edelstahlreiniger verwendet werden. Sollte die Oberfläche Flecken bekommen haben, versuchen Sie nicht, sie mit einem Scheuermittel oder einem Scheuerschwamm zu reinigen. Verwenden Sie einen sanften Reiniger und reiben Sie in Richtung der Metallfasern, um zu vermeiden, dass die Oberfläche Kratzer bekommt. Spülen Sie die Oberfläche immer gut ab und trocknen Sie sie nach dem Reinigen. Verwenden Sie keine chlorhaltigen Reinigungsmittel.

Kondensator:

Der Staub auf dem Kondensator muss regelmäßig entfernt werden. Ziehen Sie zuerst den Stecker aus der Steckdose. Um den Staub zu entfernen, verwenden Sie einen Staubsauger oder wischen Sie den an der Rückseite des Schrankes befindlichen Kondensator ab. Dies sollten Sie regelmäßig tun, um den Garantieanspruch für den Kompressor nicht zu verlieren!

MODELL _____ SERIENNR _____ INSTALLATIONSdatum _____