

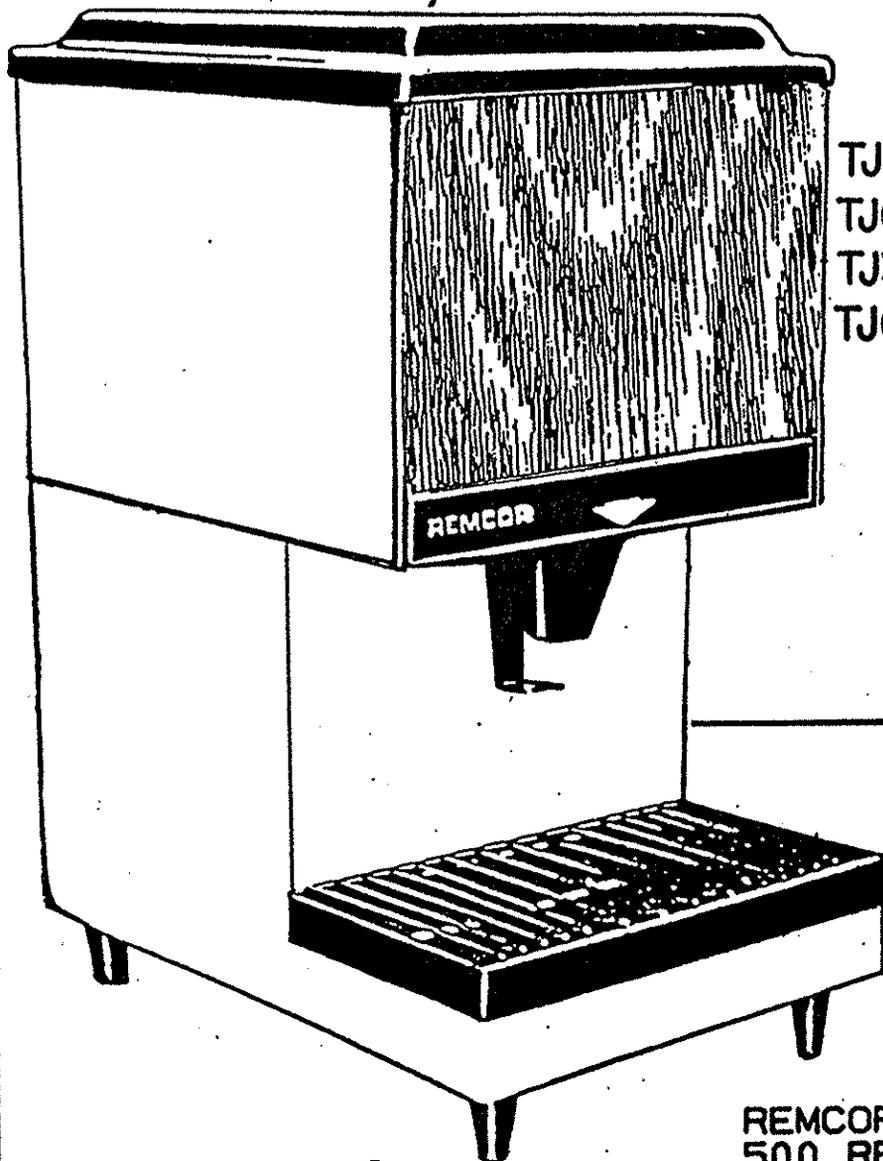
REMCOR

FLAKED ICE
DISPENSERS

OWNER'S MANUAL

MODELS

TJ35E-F TJ35S-F
TJ65E-F TJ65S-F
TJ35E-FB TJ35S-FB
TJ65E-FB TJ65S-FB



90727 REV. A ^B

REMCOR PRODUCTS CO.
500 REGENCY DR.
GLENDALE HEIGHTS, IL.
60139-2268

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MFD. UNDER PATENT NOS.
3,393,839
3,517,860
CANADIAN 912,514 (10/72)

OTHER PATENTS PENDING

SAFETY PRECAUTIONS

Always disconnect power to the dispenser before servicing or cleaning.

Never place hands inside of hopper or gate area without disconnecting power to the dispenser. Agitator rotation occurs automatically when dispenser is energized!

This ice dispenser has been specifically designed to provide protection against personal injury and eliminates contamination of ice. To insure continued protection and sanitation, observe the following:

ALWAYS be sure the removable lid is properly installed to prevent unauthorized access to the hopper interior and possible contamination of the ice.

ALWAYS be sure the upper and lower front panels are securely fastened.

ALWAYS keep area around the dispenser clean of ice cubes.

C A U T I O N

1. Dispenser cannot be used with crushed or flaked ice.
2. Use of bagged ice which has frozen into large chunks can void warranty. The dispenser agitator is not designed to be an ice crusher. Use of large chunks of ice which "jam up" inside the hopper will cause failure of the agitator motor and damage to the hopper. If bagged ice is used, it must be carefully and completely broken into small, cube-sized pieces before filling into the dispenser hopper.

X

DESCRIPTION

The Remcor models TJ35-F and TJ65-F ice dispensers are designed to dispense "Flaked" or small cracked ice, and contain new, patented features specifically designed to minimize the tendency for bridging and solidification in these types of ice. See operation section on page 3 for instructions necessary to proper performance.

NOTE: These models are not designed to handle hard cubes. Use of hard cube ice could result in damage to the dispenser and void the warranty.

These dispensers can be converted to standard cube dispensers by removal and/or replacement of several parts. Contact the factory for details.

<u>Model</u>	<u>Flaked Ice Storage Capacity</u>	<u>Electrical</u>	<u>Drain Connection</u>	<u>Electrical Connection</u>	<u>Dimensions</u>
TJ-35E,S-F	35 lbs.	120/1/60 3 AMP	3/4" F.P.T.	6', 3-wire cord with 3-prong ground-type plug	26 1/2 high 16" wide 22" deep
TJ-65E,S-F	65 lbs.	120/1/60 3 AMP	3/4" F.P.T.	6', 3-wire cord with 3-prong ground-type plug.	30" high 22" wide 28" deep

E - Neutral Beige baked enamel finish and Woodgrain Vinyl-Clad front panel.

S - All Stainless Steel.

INSTALLATION

1. Be sure that the dispenser is located away from heat sources such as hot air vents, grills, etc.
- *2. Locate the dispenser indoors on a level counter top, unpack 4 legs and install them into the threaded holes provided in the bottom of the unit.
3. Connect a 3/4" IPS (or equal) drain line to the 3/4" threaded drain connections at the lower rear of the unit. This line must pitch downward to an open drain, and must contain no traps, or improper drainage will result.
4. Clean the hopper interior (see cleaning instructions).
5. Connect the power cord to a 120 volt, 60hz. 3 wire grounded receptacle.

Unit is now ready for operation.

*Figure 1, Page 5 provides mounting template for those who desire to mount dispensers direct to a counter, instead.

CLEANING & SANITATION

WARNING: DISCONNECT POWER BEFORE CLEANING.

Do not use metal scrapers, sharp objects or abrasives on the surface of the liner as damage may result. Do not use solvents or other cleaning agents, as they may attack the plastic liner.

1. Clean the ice dispenser interior at least once a month.
2. Remove cone agitator. Use brush provided to clean the interior surfaces of the cross member where it is joined to the inside cone wall.
3. Wash down the inside of hopper and top cover and agitator with mild detergent solution and rinse.
4. Replace cone agitator.
5. Sanitize the inside of hopper and agitator with a solution of 1 oz. of household bleach in 1 gallon of water.
6. Clean the inside of the ice chute (use the brush provided on TJ65-F models) with a mild detergent solution and rinse thoroughly to remove all traces of detergent. Sanitize as described in step 5.

OPERATION

1. Initial operation - when initially filling a warm hopper with flaked ice, either at first startup, or after a large amount of water will form due to the rapid melting of ice. This slushy ice will not dispense as well as ice which has been standing or filled into a cool hopper. Therefore, it is necessary that when filling a warm hopper, a smaller amount of ice (approximately $\frac{1}{4}$ - $\frac{1}{2}$ full) be used, until the hopper has been cooled down for a couple of hours. Then, the entire hopper should be filled for normal operation. Also, it is recommended that ice be kept in the hopper at all times, even during periods of non-use. This will eliminate the warm startup problem. It is important to know that it is a peculiarity of flaked ice, that ice which has been sitting in the hopper for a few hours tends to dispense better than fresh, "wet" ice just out of the icemaker.
2. Never pack ice into the hopper. Fill the hopper with loosely packed ice just as it falls from the filling bucket. Never pack down the ice. And do not attempt to over fill the hopper as this causes packing of the ice.
3. Replace the lid immediately after filling, to prevent excessive melting.
4. To operate, push the dispense lever until the desired amount of ice has been filled into the cup.

TROUBLE SHOOTING

Should your unit fail to operate properly, check that the electric plug is secure, and that the hopper contains ice. If the unit still does not dispense, check the following chart under the appropriate symptoms to aid in locating the defect.

<u>SYMPTOM</u>	<u>POSSIBLE CAUSE</u>
1) Blown fuse or circuit breaker.	1) Short circuit in wiring. 2) Defective gate solenoid. 3) Defective agitator motor.
2) Gate does not open. Agitator does not turn.	1) No power. 2) Defective dispensing switch.
3) Gate does not open or is sluggish. Agitator	1) Excessive pressure against gate slide. 2) Defective gate solenoid. 3) Weak gate spring.

SYMPTON

POSSIBLE CAUSE

4) Gate opens. Agitator
does not turn.

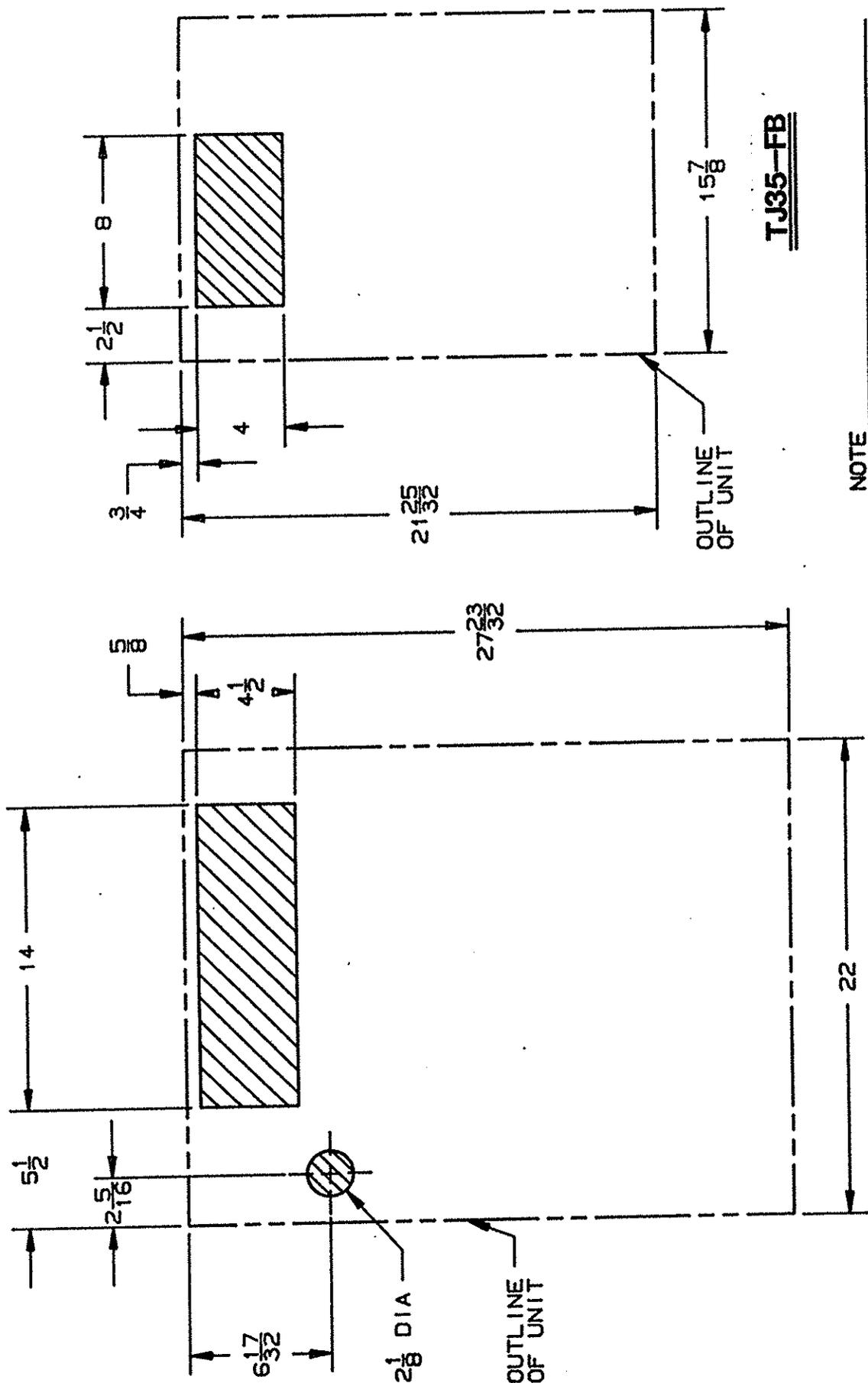
- 1) Ice solidified in hopper.
- 2) Defective agitator motor.
- 3) Defective capacitor (TJ-65)

5) Ice dispenses
continuously.

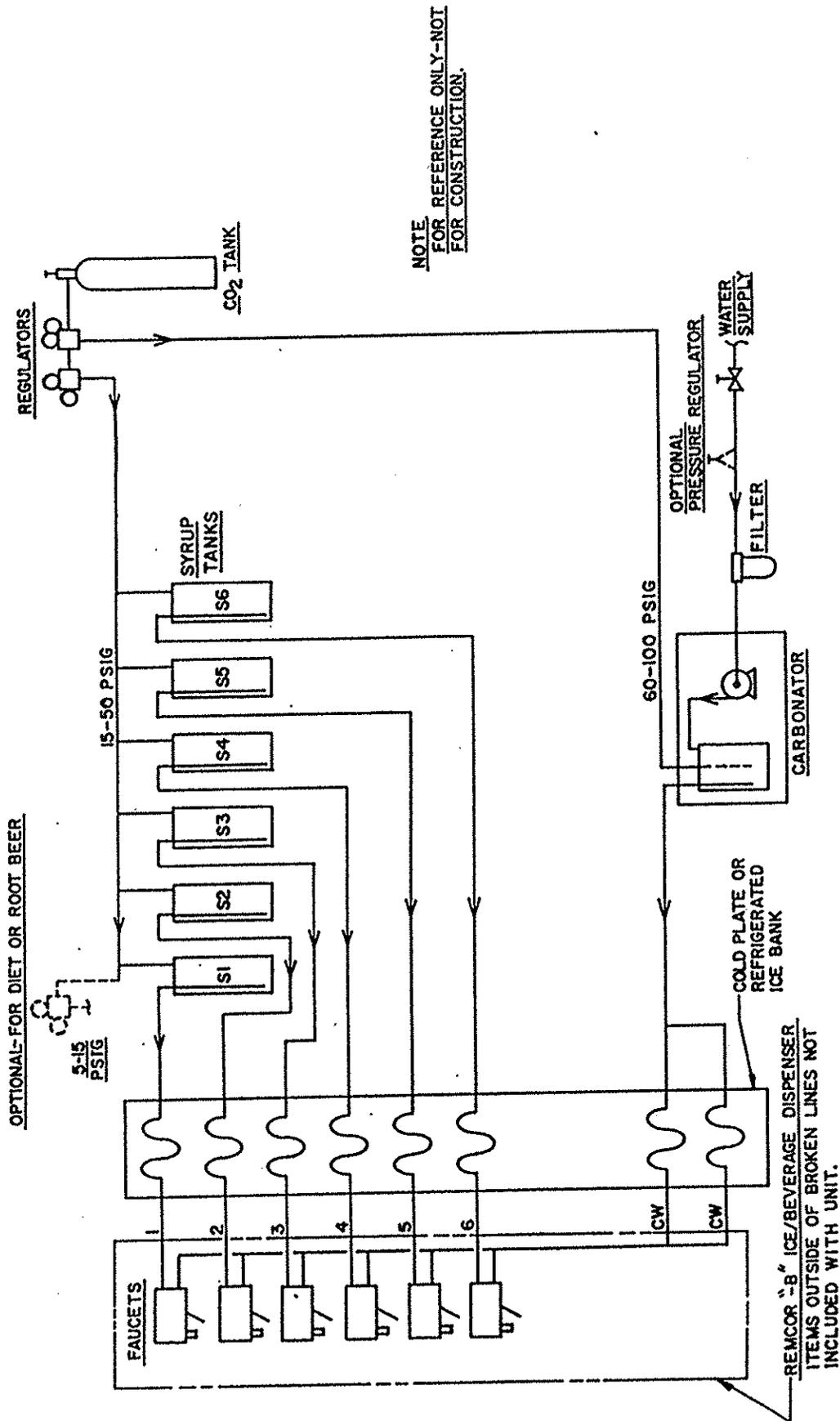
- 1) Defective dispensing switch.
- 2) Improper switch installation.

MOUNTING TEMPLATE

FIG. 1



NOTE
 SHADED AREAS INDICATE OPENINGS
 IN CABINET BOTTOM NEEDED FOR
 UTILITIES AND BEVERAGE TUBING.



TYPICAL POST MIX BEVERAGE SYSTEM
SCHEMATIC "--B" DISPENSERS

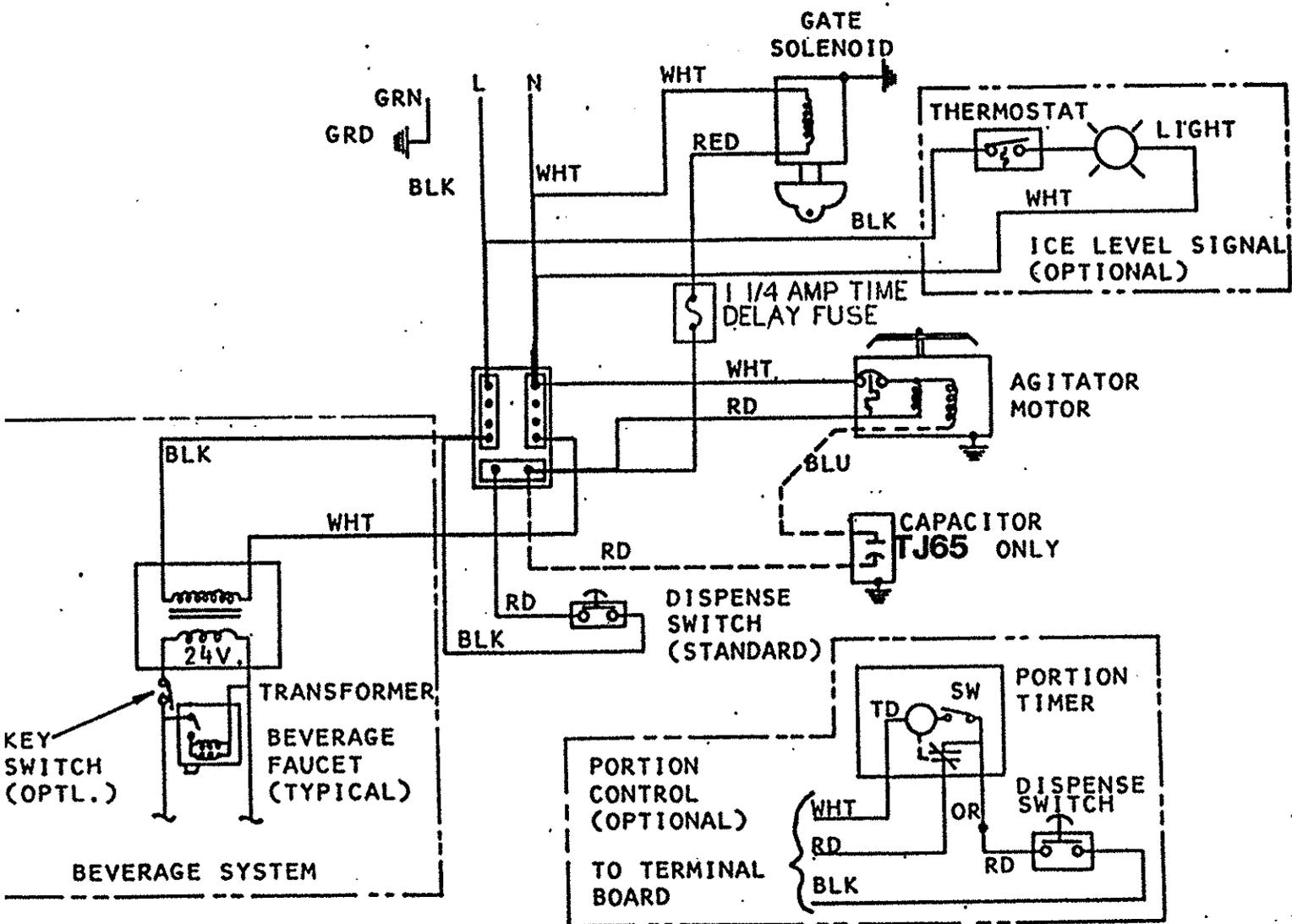
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FIG. 2

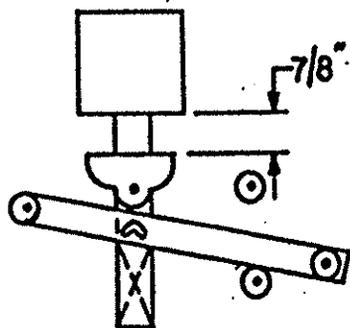
WIRING DIAGRAM

SERVICE INFORMATION

DANGER: ELECTRIC SHOCK HAZARD. DISCONNECT POWER BEFORE SERVICING UNIT.



SOLENOID ADJUSTMENT

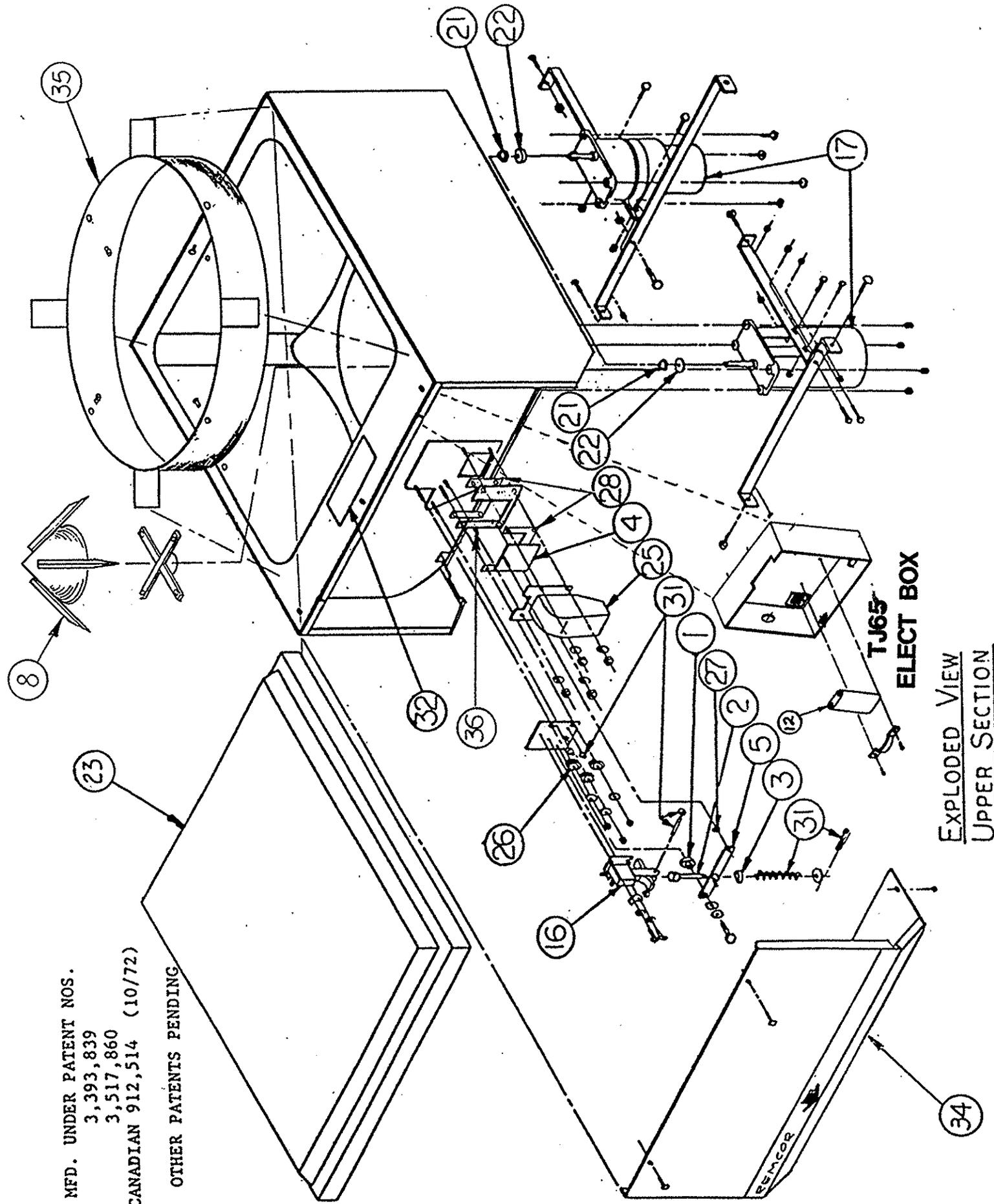


WHEN REPLACING SOLENOID ADJUST TO $7/8$ AS SHOWN BEFORE TIGHTENING MOUNTING SCREWS.

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OTHER PATENTS PENDING

FIG 4
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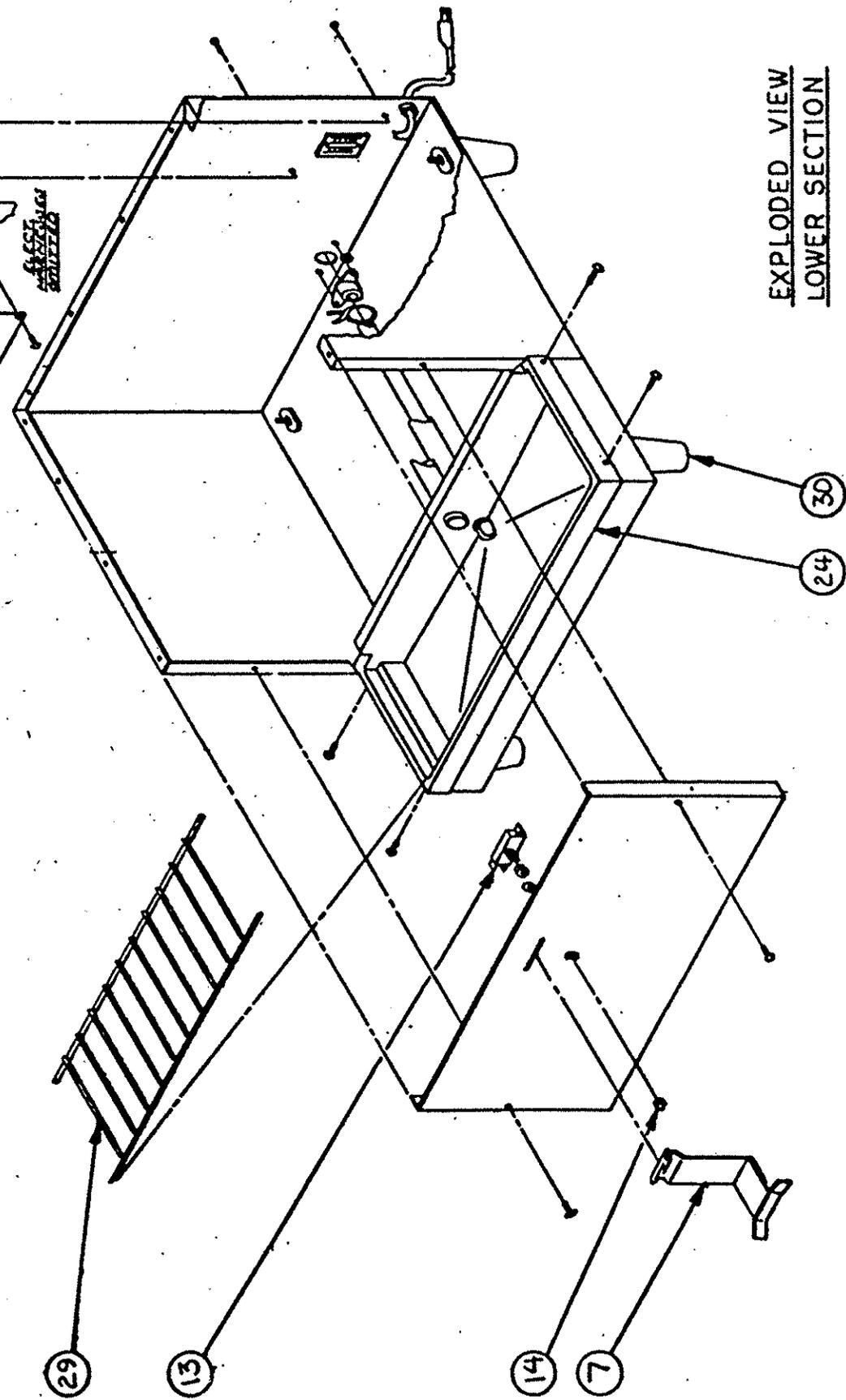


EXPLODED VIEW
UPPER SECTION

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OTHER PATENTS PENDING

ELECT. BOX.
TJ35



EXPLODED VIEW
LOWER SECTION

FIG 5.
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Item No.	Description	TJ-35	TJ-65
1.	Pivot Bushing	10077	10077
2.	Gate Rod	10080	10080
3.	Rod Bushing	10081	10081
4.	Gate Slide	21491	21491
5.	Gate Arm	21492	21492
6.	Upper Panel, Vinyl	21503	22356
	Upper Panel, St. Stl.	21505	22354
7.	Depressor Lever	21515	21515
8.	Agitator	22487	22380
9.	Lower Panel, Enamel	21544	21606
	Lower Panel, St. Stl.	21508	21606
12.	Capacitor - Agitator Motor	-----	30774
13.	Dispense Switch	30895	30895
14.	Switch Boot	31007	31007
16.	Solenoid	31094	31094
17.	Agitator Motor	31106	31112
21.	Motor Shaft Seal	50454	50454
22.	Motor Gasket	50481	50806
23.	Lid	50748	50791
24.	Sink	50750	50793
25.	Ice Chute	50751	50751
26.	Isolator (3 Req'd)	50752	50752
27.	Fiber Bushing	50754	50754
28.	Gate Gasket	50770	50770
29.	Sink Grill	70426	70441
30.	Leg (4 Req'd)	70419	70419
31.	Rebuilding Kit **	70438	70438
32.	Cleaning Label	90295	90295
33.	Wiring Diagram*	90615	90615
34.	"Press for Ice" Label	90731	90732
35.	Sleeve	22486	
36.	Diverter Blade	21936	21936

* Parts not shown on Exploded View Page

** Kit includes: 1 spring, 1 cotter pint, 1 solenoid pin,
2 retaining clips, 2 bumpers, 1 gate rod

REMCOR PRODUCTS COMPANY

2-YEAR ICE DISPENSER WARRANTY

REMCOR Products Company warrants to the original purchaser of each new REMCOR sanitary ICE DISPENSER, for a period of 24 months from date of shipment that all parts shall be free from defects in material and workmanship under normal use and service.

Under this warranty, as defective part (or parts) is to be returned to REMCOR Products Company, 500 Regency Drive, Glendale Heights, Illinois 60139-2268 (Phone 708/980-6900) and shall be limited exclusively to repairing or replacing F.O.B. Factory, such part or parts which it concludes upon examination to be defective under the terms of this warranty. Return of any part disassembled will void warranty on any part. The decision of our Service Department regarding the warranty of parts will be final.

The warranties defined herein shall not apply to any damage or defects created or arising from accident, misapplication, abuse, misuse, neglect, alteration, acts of vandalism, flood, fire, acts of God or any other occurrences beyond the control of REMCOR. Warranty validity also requires that all instructions have been followed and adhered to as provided in the Owner's Manual included with each unit.

REMCOR's warranty responsibility ceases if shipment is not received by you in good order and in accordance with quantity shown on Invoice or Packing Sheet; if you accept shipment from the Transportation Company in damaged condition without having a proper notation made by the Station Agent you do so at your own risk. If cartons are in apparent good order, but upon opening, contents are found to be damaged; call agent or adjuster to view same and have him mark the freight bill relative to such concealed damage. This procedure must be executed within fifteen days after delivery.

Prior to returning any material, (part or unit), a Return of Material Authorization (RMA) must be obtained. To obtain this authorization provide the reason for return, model number, serial number and part number. Either call or write REMCOR's Parts Service Department and an Authorization number and tag will then be issued - this tag must accompany the material returned. No representative, dealer, distributor or any person is authorized to make any other decisions regarding the warranty or liability in accordance with REMCOR's Warranty. Any materials that do not have a pre-issued Return Material Authorization number when received will be refused by REMCOR, and returned to the sender (freight collect).

REMCOR Products Company will not honor, or assume any responsibility for any expenses (including labor), incurred in the field for the repair of equipment covered in our Warranty unless authorization has been granted from REMCOR's Service Department prior to work being performed. The request for repair Warranty work will only apply to units shipped from REMCOR within a thirty day time period of request. It will further be at the discretion of REMCOR to decide if said labor will be reimbursed in full, or partial payment. REMCOR Products Company will also control the right to decline payment - all decisions will be based on circumstances prevailing. Charges for a repeat service call on the same unit to rectify the same problem previously corrected shall not be honored. REMCOR Products shall retain the right to select, or recommend another company to complete the necessary repair work.

CAUTION

The inherent nature of ice may cause spillage onto counter or floor areas. The Owner or Operator is cautioned to Maintain these areas in a clean, ice-free condition.