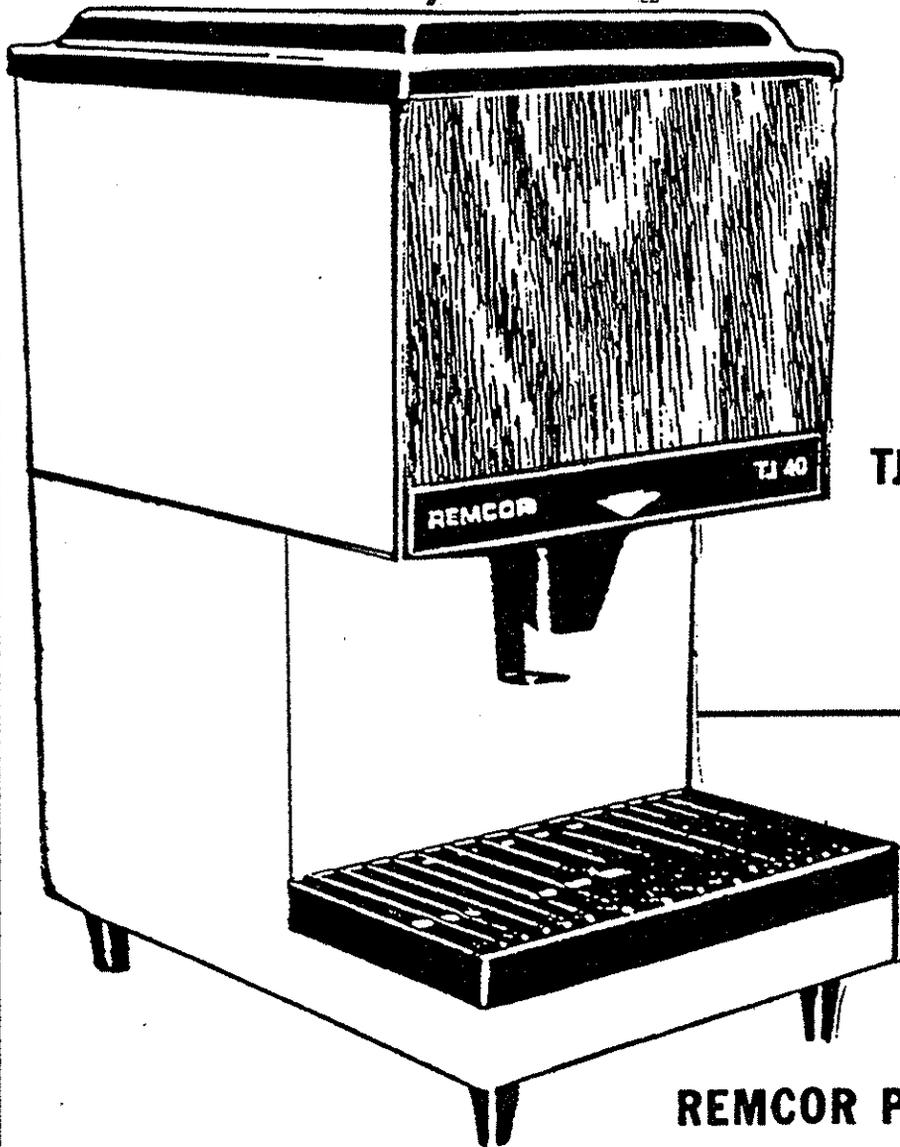


REMCOR

ICE DISPENSERS

OWNER'S MANUAL



MODELS

TJ41E, TJ81E

TJ41S, TJ81S

REMCOR PRODUCTS COMPANY

9145 KING STREET
FRANKLIN PARK, IL 60131
(312) 671-7140

P/N 9C530

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3,393,839
3,517,860
CANADIAN 912,514 (10/72)

OTHER PATENTS PENDING

DESCRIPTION

The Remcor "TJ" series of ice dispensers solve your ice service needs the sanitary, space saving, economical way. Designed to be manually filled with ice from any remote icemaking source, these dispensers will dispense cubes (up to 1" size), cubelets and hard chipped or cracked ice.

SPECIFICATIONS

<u>Model</u>	<u>Ice Storage Capacity</u>	<u>Electrical</u>	<u>Drain Connection</u>	<u>Electrical Connection</u>	<u>Dimensions</u>
TJ-41E,S	40 lbs.	230/1/60 1.5 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-81E,S	80 lbs.	230/1/60 1.5 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

CAUTION

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-size pieces before filling into the dispenser hopper.

INSTALLATION INSTRUCTIONS

1. * 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.
2. 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.
3. Clean the hopper interior (see cleaning instruction).
4. Connect the power cord to a 230 volt, 50/60hz. 3-wire grounded receptacle.

Unit is now ready for operation.

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

CLEANING INSTRUCTIONS

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 agitator assembly and wash and rinse it thoroughly.
3. Wash down the inside of hopper and top cover with mild detergent solution and rinse.
4. Replace agitator.
5. Sanitize the inside of hopper and agitator with a mixture of household bleach and water. Check package for proper mixture to obtain 100 PPM.

OPERATING INSTRUCTIONS

Fill the hopper with ice and replace the lid. Pushing the dispense lever will cause ice to flow from the ice chute. Ice flow will continue until the lever is released. If ice does not dispense, see the 'Troubleshooting Guide' to find the cause.

NOTE: Use caution to avoid spilling ice when filling dispenser. Clean up immediately any spilled ice from filling or operating the unit. To prevent contamination of ice, the lid must be installed on the unit at all times.

TROUBLESHOOTING GUIDE

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 location 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 turns.	1) Excessive pressure against gate slide. 2) Defective gate solenoid. 3) Weak gate spring.

SYMPTOM

POSSIBLE CAUSE

4) Gate opens. Agitator does not turn.

- 1) Ice solidified in hopper.
- 2) Defective agitator motor.
- 3) Defective capacitor (TJ-80)

5) Ice dispenses continuously.

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

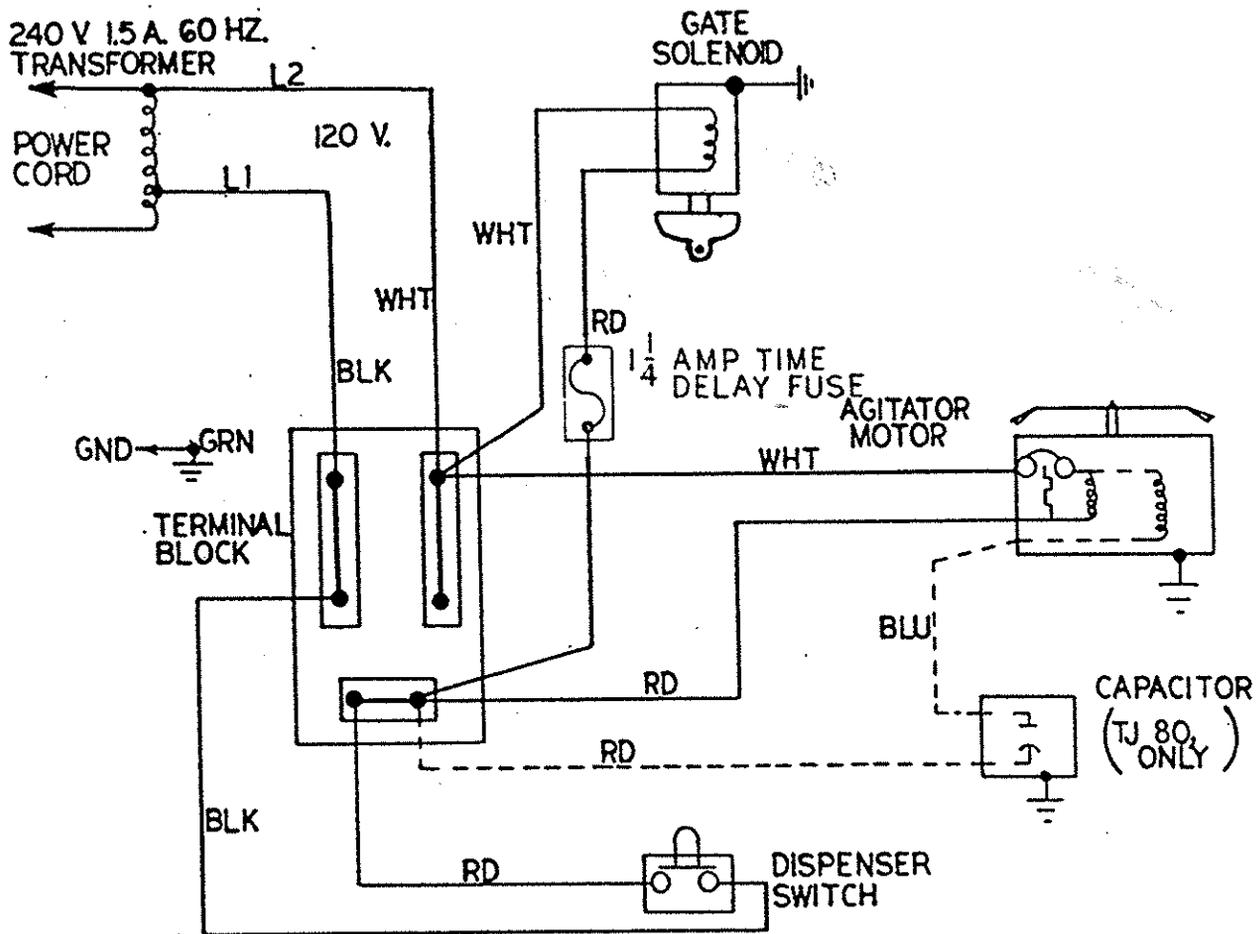
6) Slushy ice. Water in hopper.

- 1) Blocked drain.
- 2) Poor ice quality due to water quality or icemaker problem.
- 3) Improper use of flake ice.

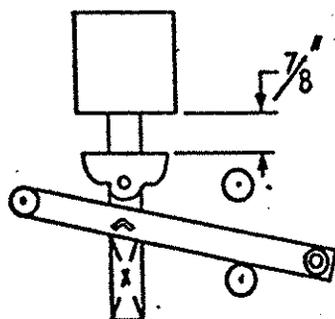
TJ45,90 DISPENSER

SERVICE INFORMATION

DANGER! ELECTRIC SHOCK HAZARD. DISCONNECT POWER BEFORE SERVICING UNIT



SOLENOID ADJUSTMENT



WHEN REPLACING SOLENOID, ADJUST TO $\frac{7}{8}$ " AS SHOWN BEFORE TIGHTENING MOUNTING SCREWS.

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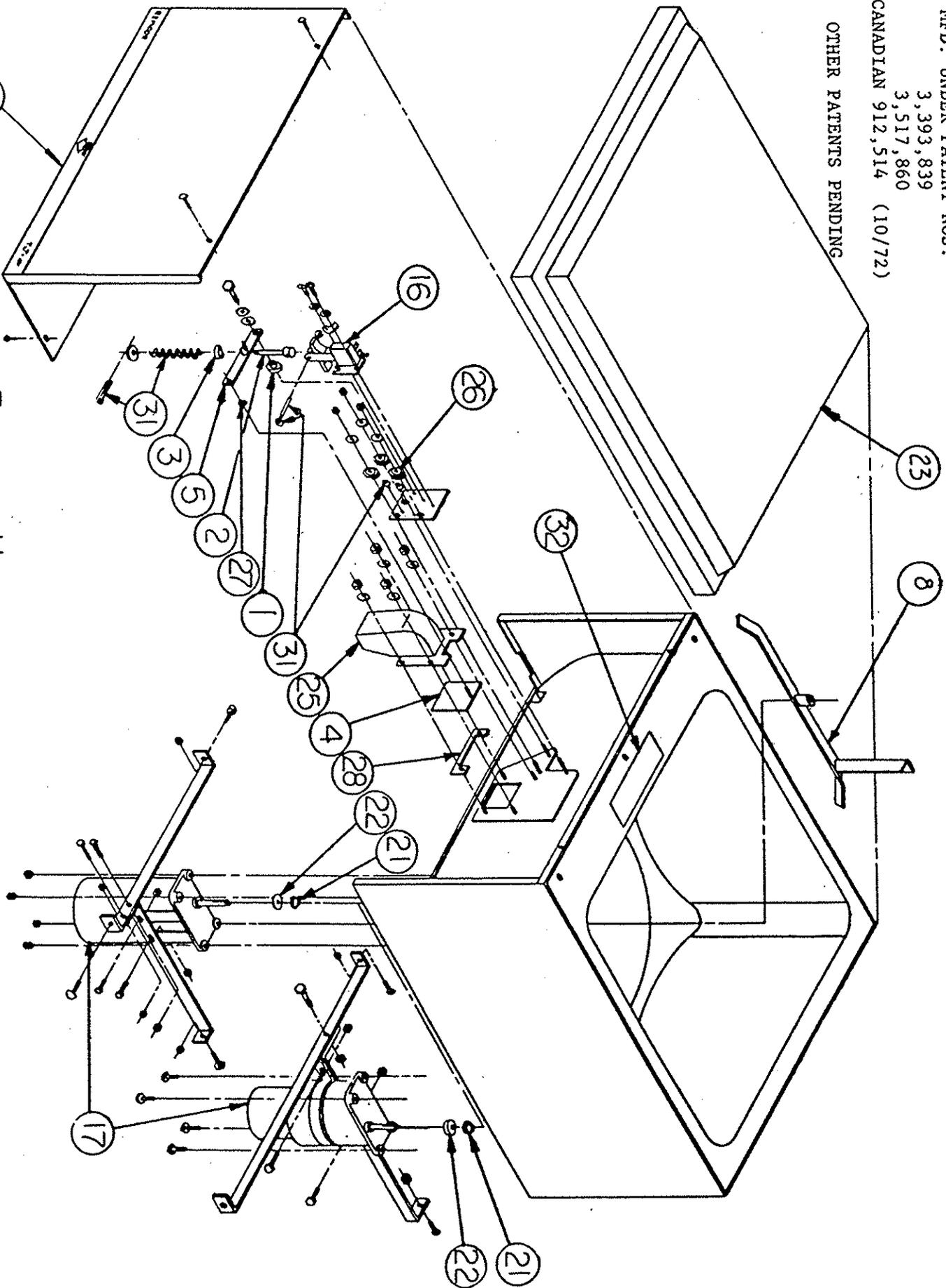
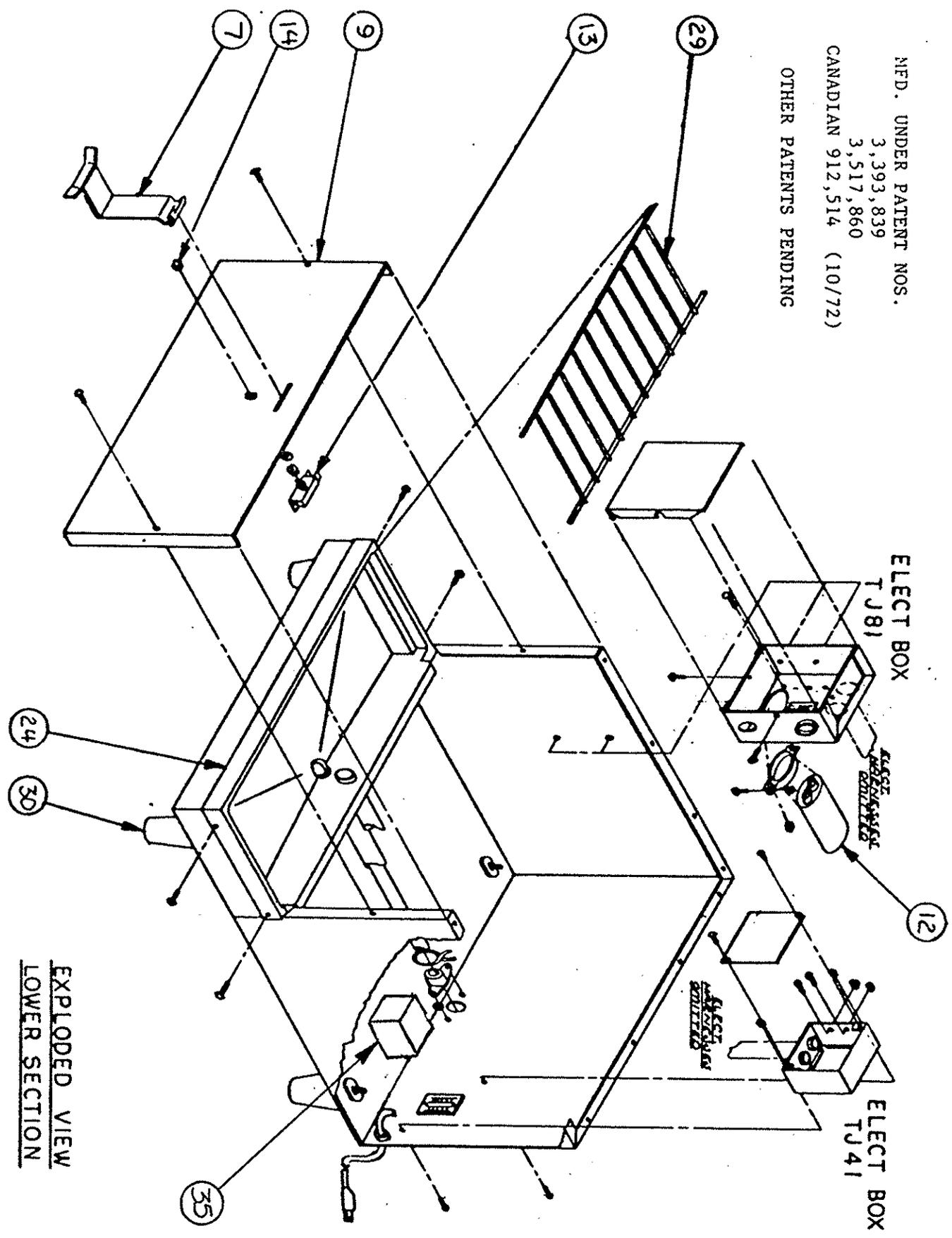


FIG 3
7

EXPLODED VIEW
LIDDER SECTION

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 OTHER PATENTS PENDING



EXPLODED VIEW
LOWER SECTION

PARTS LIST

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>TJ-41</u>	<u>TJ-81</u>
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	21603
	Upper Panel, St. Stl.	21505	21599
7.	Depressor Lever	21515	21515
8.	Agitator	21517	21629
9.	Lower Panel, Enamel	21544	21606
	Lower Panel, St. Stl.	21508	21604
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	70437
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	90616	90628
35.	Transformer	31138	31138

* Parts not shown on Exploded View Page

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

WARRANTY

REMCOR PRODUCTS COMPANY warrants to the original user of each new, REMCOR SANITARY AUTOMATIC ICE DISPENSER for a period of 24 months from date of shipment, that all parts of said Ice Dispenser shall be free from defects in material and workmanship under normal use and service.

Under this warranty, a defective part (or parts) is to be returned to REMCOR PRODUCTS COMPANY, 9145 King Street, Franklin Park, Illinois, 60131, transportation charges prepaid. REMCOR PRODUCTS COMPANY's obligation consists solely of repairing or furnishing for replacement, F.O.B. its factory, Franklin Park, Il., 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 that part.

No further obligation is assumed by REMCOR PRODUCTS COMPANY in connection with said Ice Dispenser, nor does REMCOR PRODUCTS COMPANY authorize further assumption of obligation on the part of any person or persons.

Prior to returning a part (or parts), a Return of Material Authorization must be obtained. To obtain this authorization, reason for return, model number, serial number, and part number must be furnished by either calling or writing Remcor's Parts-Service Department. A Return Material Authorization number and tag will then be issued. This tag must accompany the materials returned.

NOTE: Model designation and serial number can be found on the unit name plate located on the back side of dispenser.

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.