

REMCOR® PRODUCTS CO.

MANUFACTURING ENGINEERS • REFRIGERATION PRODUCTS

500 Regency Drive, Glendale Heights, IL 60139; 708:980-6900

OWNERS MANUAL

REMCOR® AUTOMATIC SELF-SERVICE ICE DISPENSER MODEL SSD30, SSD80, VSD30, VSD80

T after model indicates metered portion control feature

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*If replacement parts are required, order from REMCOR® Products Company,
Glendale Heights, Illinois.*

ICE MAKERS • ICE DISPENSERS • LIQUID CHILLERS • LOW TEMPERATURE PROCESS CHILLERS

REV A

DESCRIPTION

The REMCOR Automatic Ice Dispenser provides an efficient and sanitary method of dispensing ice in the form of cracked ice or "half-cubes". Filling the dispenser with ice from a storage bin two or three times a day, depending on requirements saves time in the handling of ice from YOU to the customer, and provides sanitary automatic dispensing with only one-hand operation.

SPECIFICATIONS

<u>MODEL</u>	<u>CABINET</u>	<u>ICE STORAGE CAPACITY</u>	<u>AMP. DRAW</u>
SSD-30	Stainless Steel	30#	2.5
VSD-30	Vinyl Clad	30#	2.5
SSD-80	Stainless Steel	80#	3.0
VSD-80	Vinyl Clad	80#	3.0

INSTALLATION INSTRUCTIONS

The dispenser should be installed level to maintain proper drainage from the hopper. Connect to the 3/4" pipe drain fitting, which is located at the center bottom in back of the cabinet; a 3/4" or larger pipe or tubing. The drain line must be pitched downward to an open drain, with no traps, since it is gravity-fed. Connect the power cord to a grounded 3-prong receptacle, 115 volt, single phase, 60 cycle. Unit is now ready for operation.

GENERAL OPERATING INSTRUCTIONS

Fill the hopper with ice. To dispense a steady flow of ice, press the operating lever on the front of the unit. If unit is equipped with a dispensing timer, a small toggle switch will be located under the top front panel. By setting the switch on "Metered Flow", you will receive a metered portion of ice which is factory set at about three ounces. If the switch is set on "Continuous Flow", you will receive a steady flow of ice as long as the operating lever is depressed.

Should you desire more or less than three ounces of ice on "Metered Flow", you must have a qualified service man set the dispensing timer for the desired amount of ice.

CLEANING INSTRUCTIONS

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.

WARNING: Do not use metal scrapers or abrasives on the surface of the liner as it will destroy the smooth surface.

PRINCIPLE OF OPERATION

Pressing the depressor plate on the front of the unit actuates a micro-switch behind the upper front panel. This energizes the agitator motor, causing the agitator arms to rotate in the hopper. It also energizes the gate solenoid, which lifts the gate slide, allowing the agitator arms to push the ice out the gate opening into the ice chute.

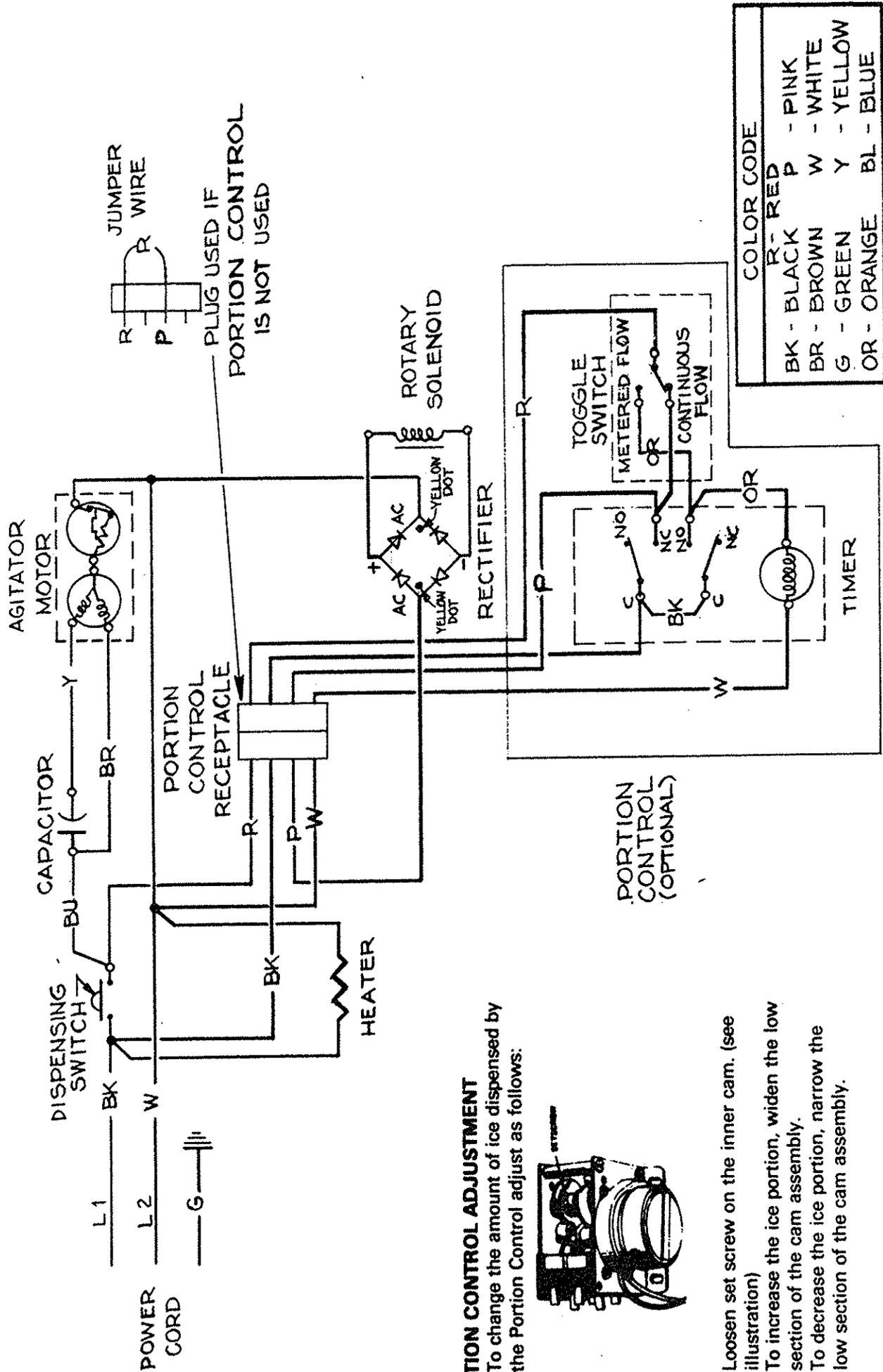
On units provided with a dispensing timer (suffix T in model number, e.g. SSD-30T) a two position switch selects either continuous dispensing, as described above, or metered flow which times the gate opening to allow only a metered portion of ice to dispense.

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 locating the defect.

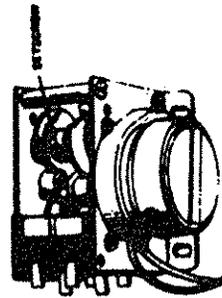
<u>SYMPTOM</u>	<u>POSSIBLE CAUSE</u>
1) Blown fuse or circuit breaker.	1) Defective rectifier. 2) Short circuit in wiring. 3) Defective gate solenoid. 4) Defective agitator motor.
2) Gate does not open. Agitator does not turn.	1) No power. 2) Bent depressor plate (does not actuate switch). 3) Defective dispensing switch.
3) Gate does not open or is sluggish. Agitator turns.	1) Stuck gate slide. 2) Defective rectifier. 3) Defective gate solenoid. 4) Defective dispensing timer. (If problem occurs in "Metered Flow" operation)
4) Gate opens. Agitator does not turn.	1) Ice solidified in hopper. 2) Defective agitator motor. 3) Defective capacitor.
5) Ice dispenses continuously.	1) Stuck or bent depressor plate. (does not release switch) 2) Defective dispensing switch.
6) Slushy ice. Water in hopper.	1) Blocked drain.

ICE DISPENSER WIRING

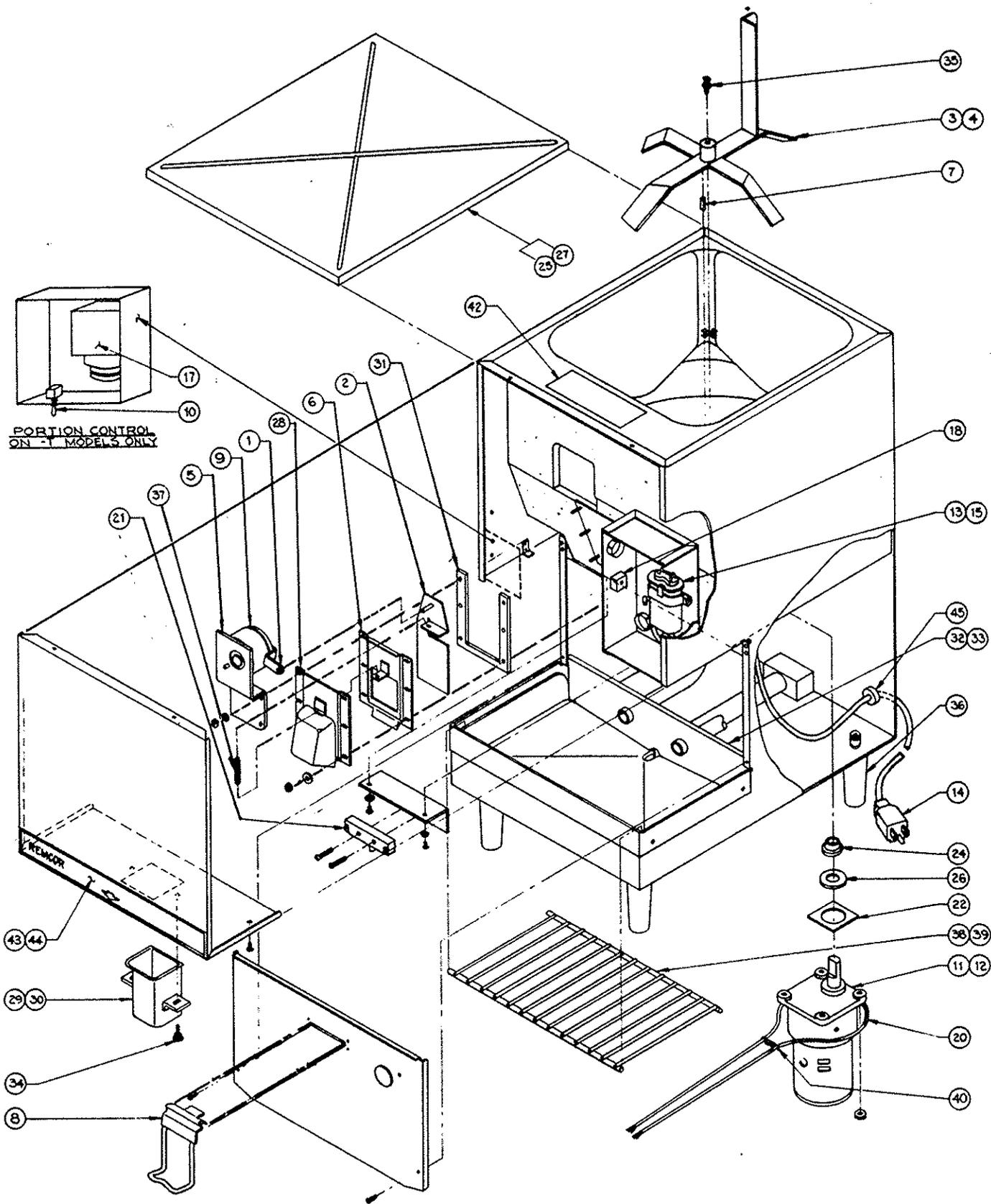


PORTION CONTROL ADJUSTMENT

To change the amount of ice dispensed by the Portion Control adjust as follows:



1. Loosen set screw on the inner cam. (see illustration)
2. To increase the ice portion, widen the low section of the cam assembly.
3. To decrease the ice portion, narrow the low section of the cam assembly.



REMCOR SANITARY AUTOMATIC ICE DISPENSER

P A R T S L I S T

* PARTS NOT SHOWN ON EXPLODED VIEW PAGE 4

ITEM NO.	PART NO.	DESCRIPTION OF PART	SSD30/VSD30	SSD80/VSD80
1	20554	Hopper Dispensing Gate Solenoid Arm	1	1
2	20555	Hopper Dispensing Gate Slide	1	1
3	20563	Hopper Agitator Assembly		1
4	20656	Hopper Agitator Assembly	1	
5	20817	Solenoid Mounting Bracket	1	1
6	20840	Gate Slide Guide Plate	1	1
7	20857	Agitator Motor Key		1
8	20995	Depressor Plate	1	1
9	30369	Hopper Dispensing Gate Solenoid ONLY	1	1
10	30385	Timer Switch (Toggle)	1	1
11	30386	Hopper Agitator Motor, with Gaskets	1	
12	30482	Hopper Agitator Motor, with Gaskets		1
13	30513	Hopper Agitator Run Capacitor		1
14	30533	Power Cord	1	1
15	30541	Hopper Agitator Run Capacitor	1	
16	30636	* Portion Control Harness	1	1
17	30657	Dispensing Timer	1	1
18	30689	Rectifier	1	1
19	30700	* Wiring Harness	1	1
20	30794	Heater	1	1
21	30895	Dispensing Switch	1	1
22	50360	Agitator Motor Gasket (Square)	1	1
23	50395	* Motor Shaft Seals (2per set) For Item 11 & 12	1	1
24	50454	Hopper Agitator Motor Seal	1	1
25	50460	Lid (Plastic)		1
26	50481	Agitator Motor Gasket (Round)	1	1
27	50500	Lid (Plastic)	1	
28	50515	Hopper Dispensing Gate Spout (Plastic)	1	1
29	50516	Ice Chute (Plastic)		1
30	50527	Ice Chute (Plastic)	1	
31	50533	Gate Housing Gasket	1	1
32	50680	Dispenser Sink (Plastic)	1	
33	50681	Dispenser Sink (Plastic)		1
34	70188	Knurled Thumb Screw (Ice Chute)	2	2
35	70245	Agitator Screw		1
36	70322	Leg	4	4
37	70341	Hopper Dispensing Gate Slide Spring	1	1
38	70342	Sink Grille		1
39	70343	Sink Grille	1	
40	70362	Heater Spring	1	1
41	90204	* Label (PORTION CONTROL)	1	1
42	90295	Cleaning Instruction Label	1	1
43	90565	Label (FOR ICE - PRESS)	1	
44	90572	Label (FOR ICE - PRESS)		1
45	50458	Power Cord Strain Relief	1	1

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, 321 East Grand Avenue, Chicago, Illinois, zip code 60611, transportation charges prepaid. REMCOR PRODUCTS COMPANY's obligation consists solely of repairing or furnishing for replacement, F.O.B. its factory, Chicago, Illinois, 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.