

FrigoGranita Frozen Beverage Dispenser - Maintenance Manual

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MAGNETIC
DRIVE SYSTEM



43-05 20th Avenue Long Island City, NY 11105

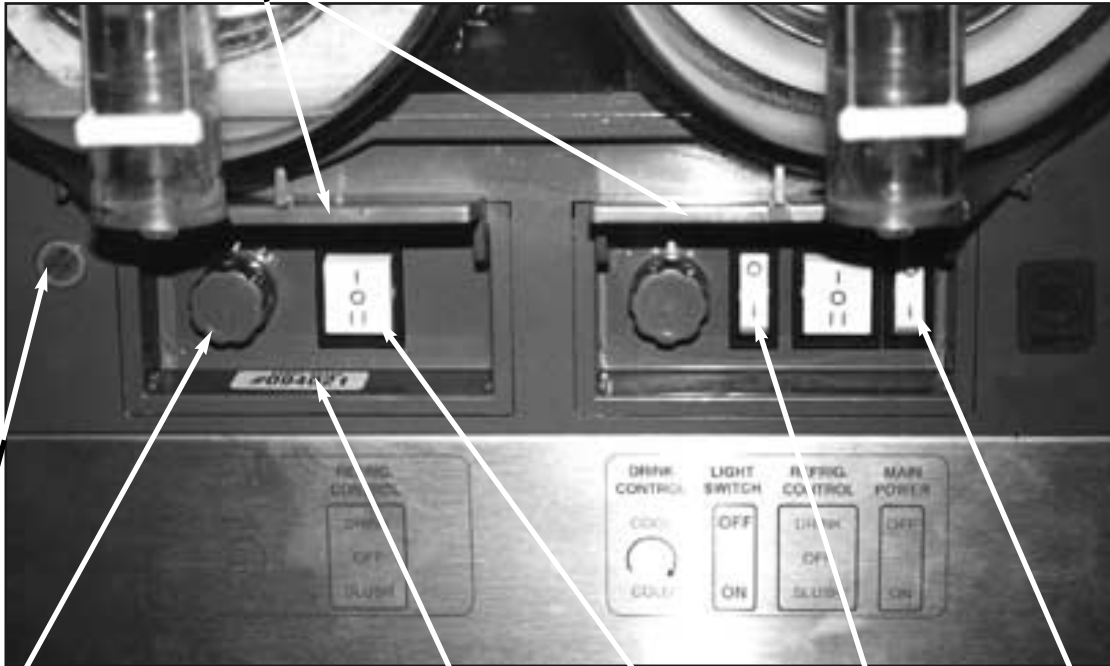
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NI68A
10/9/01

Lift Cover To Locate The Serial # & Adjustments



Thermostat Adjustment for Drink Mode

Turn clockwise (right): to decrease temperature
 Turn counterclockwise (left): to increase temperature
 Note: beverage temperature is controlled by the thermostat only when the mixer/refrigeration switch(es) is set to Drink Mode (I).

Serial #

Light Switch
 O=Off
 I=On

Power Switch
 O=Off
 I=On

Mixer/Refrigeration Switch

I = Drink Mode: when a machine is in drink mode the beverage temperature is controlled by the corresponding thermostat.

O = Off

II = Slush Mode: when a machine is in slush mode the mix viscosity is controlled by the corresponding adjustment screw located in the rear wall of each container (for temperature and viscosity setting turn to page 9).

Filter Light

When warning light is On: indicates that machine is hot due to insufficient ventilation or that filter is dirty and needs to be replaced.

MT2UL

Amps

Model #

Voltage



Compressor

Type of gas & amount

MT3UL

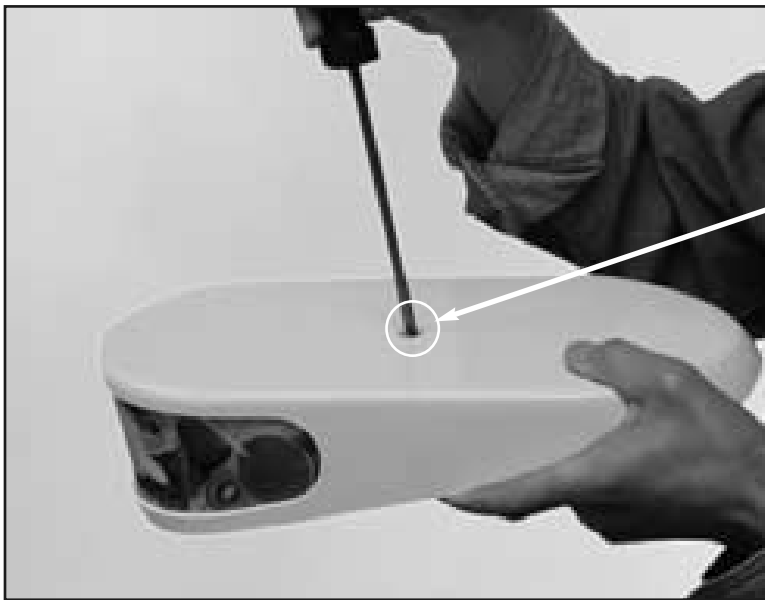


Lighted Top



For light to be on top cover metal tab must touch the verticle wire.

Verticle wire must touch flexible light contact on upper drip tray.



To replace bulb and remove graphics remove screw from cover.

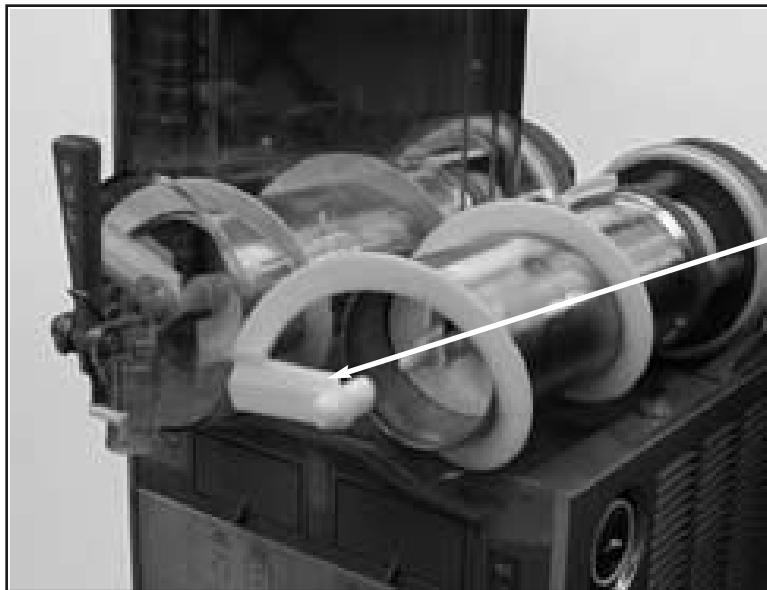
To Remove Scraping Blade & Auger



Freezing Chamber

Spiral Scraping Blade

Magnetic Auger



Gently turn scraping blade (clockwise) to disengage it from the auger.



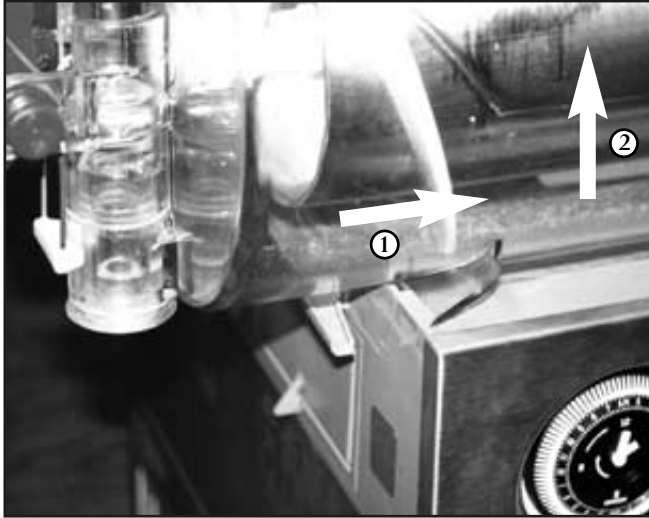
With one hand supporting the freezing chamber, pull the auger out.

note: magnetic pull will be strong until the attraction is broken.

To Remove Bowl

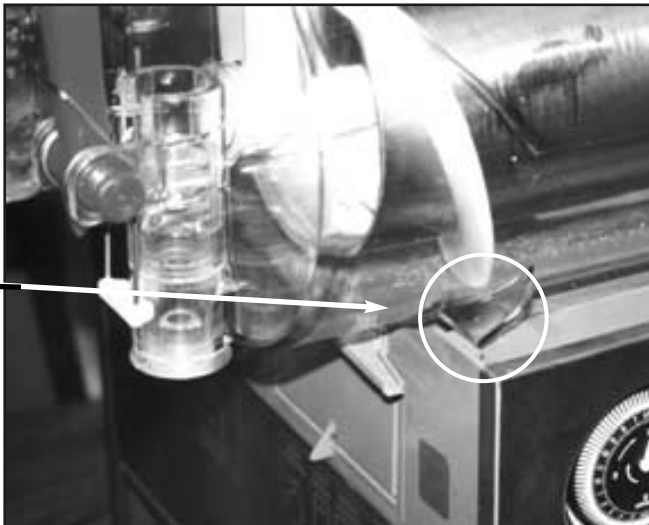
Gently push bowl back and up to unlock the latch as shown in the picture.

(A)



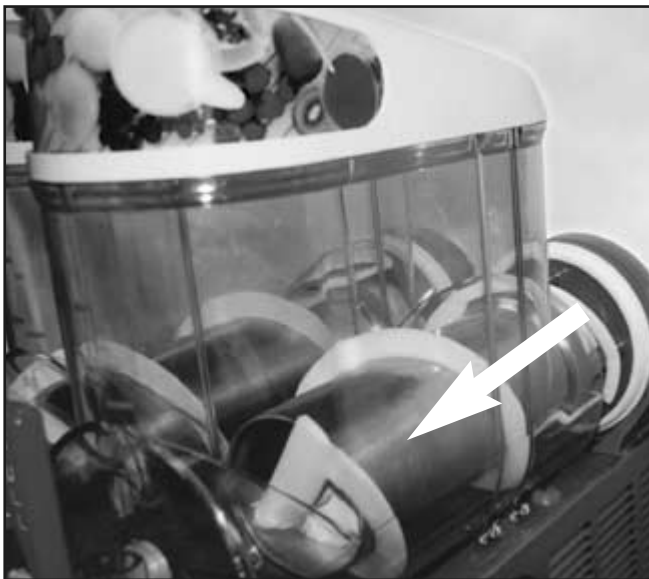
Must be unhooked to remove bowl.

(B)



Pull bowl forward to remove from unit.

(C)

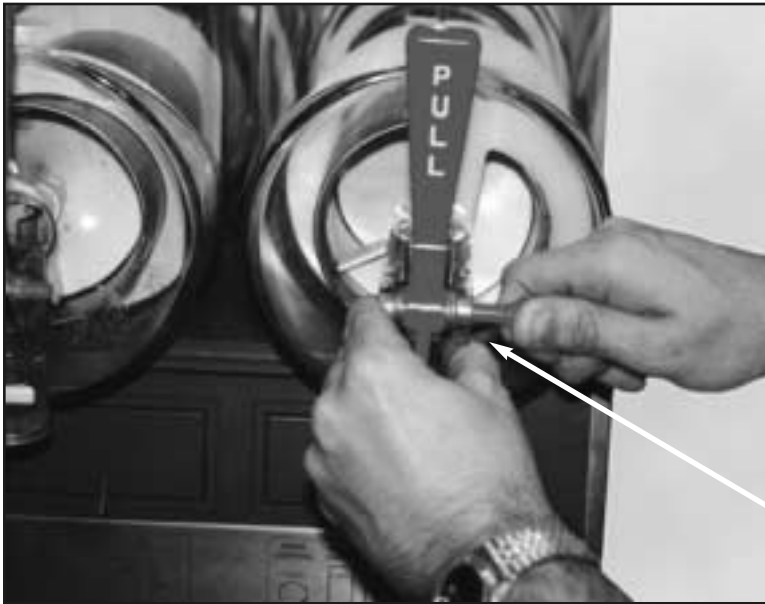


To Replace Bowl

To properly fasten bowl, reverse each step by doing the following:

1. Start with Step C, push forward and firmly press down.
2. In Step B, make sure bowl is hooked properly.
3. Final Step A, double check if bowl is securely locked under lip of the machine.

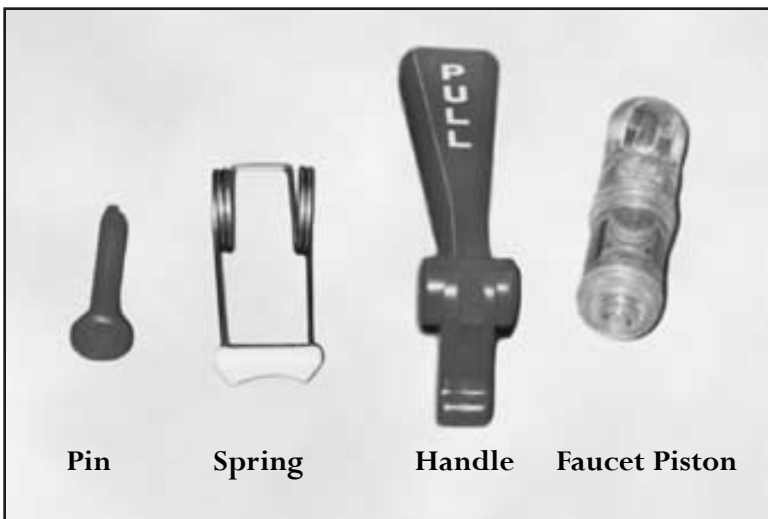
To Remove Handle Assembly



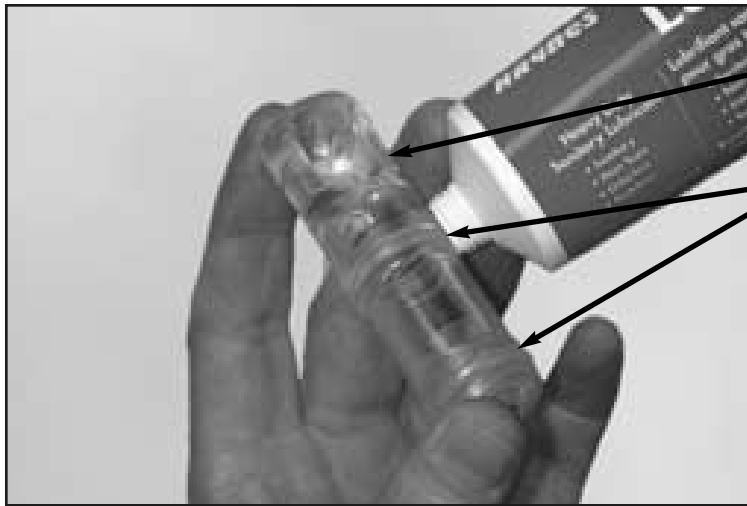
1. Pull pin out.
2. Remove handle & spring.



3. Push faucet piston up from below and out of the bowl.



When Assembling Unit, The Following Must Be Lubricated



•Faucet Piston•

Lubricate both
“O” Rings with
Food Grade
Lubricant



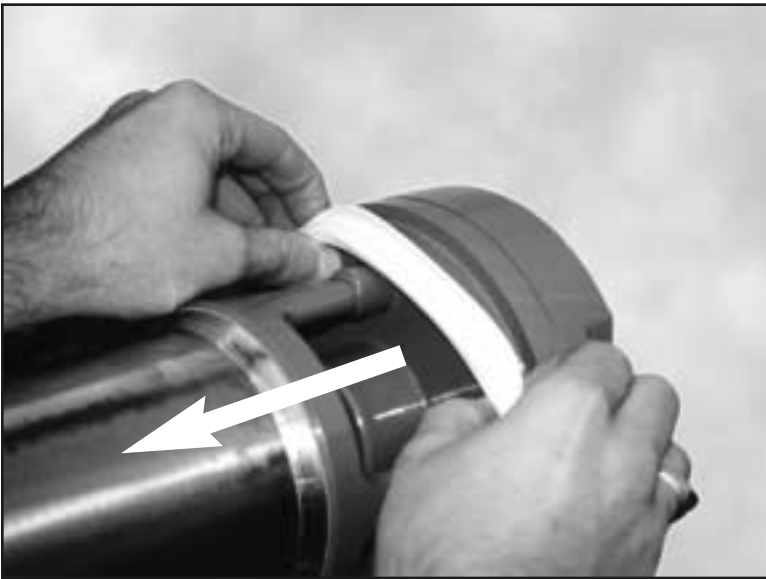
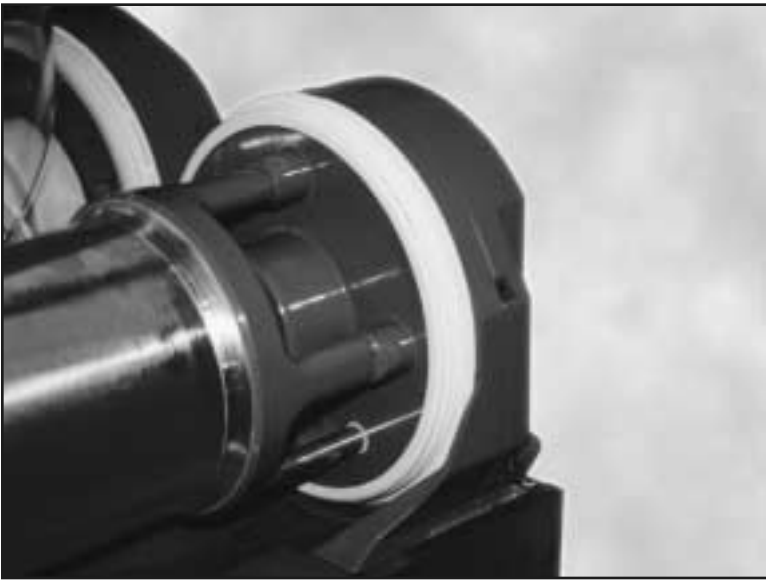
•Magnetic Auger•

Lubricate auger bushing.



Lubricate nose
of outer spiral.

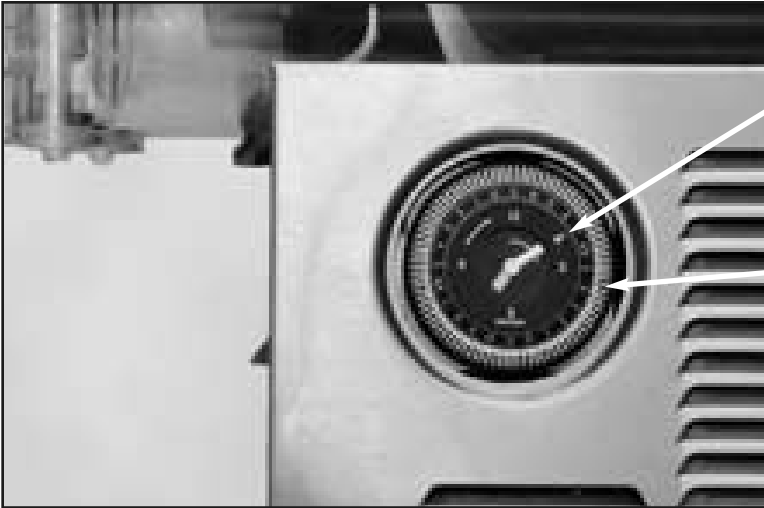
To Remove & Replace Rubber Gasket



Remove rubber gasket by gently pulling gasket forward & around the freezing chamber.

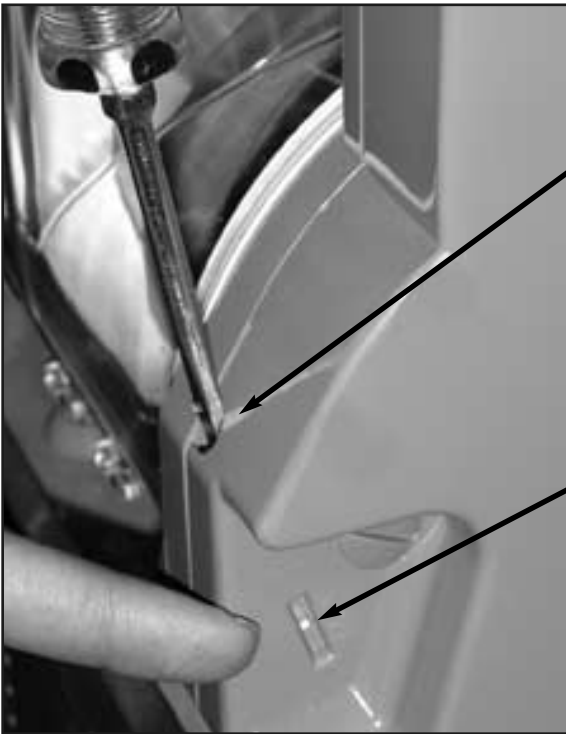


Replace gasket by gently pushing forward until gasket fits properly around gasket seat.
**Do not use any lubricant on gasket.*



To Set 24hr. Defrost Timer:

1. Turn dial clockwise to set time of day. Align the current time of day with the white arrow on the timer face.
2. Program the defrost timer by pushing out on the white tabs that correspond to the hours desired to defrost. Each tab represents 15 minute intervals.



①

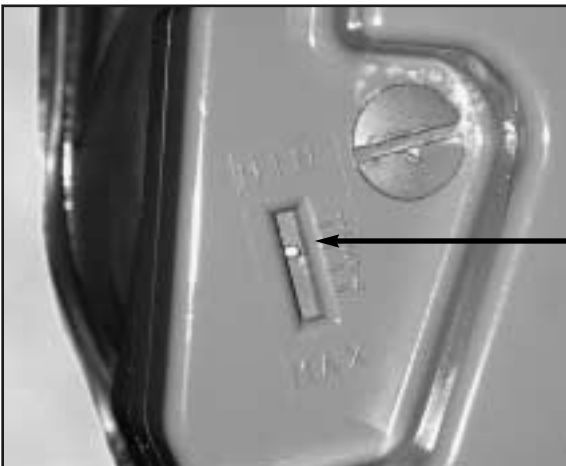
•Thickness Control Setting•

To change the viscosity, if necessary, use a standard screwdriver to turn the adjustment screw located in the rear wall of each container as follow:

Clockwise (right) to obtain a thicker product.

Counterclockwise (left) to obtain a thinner product.

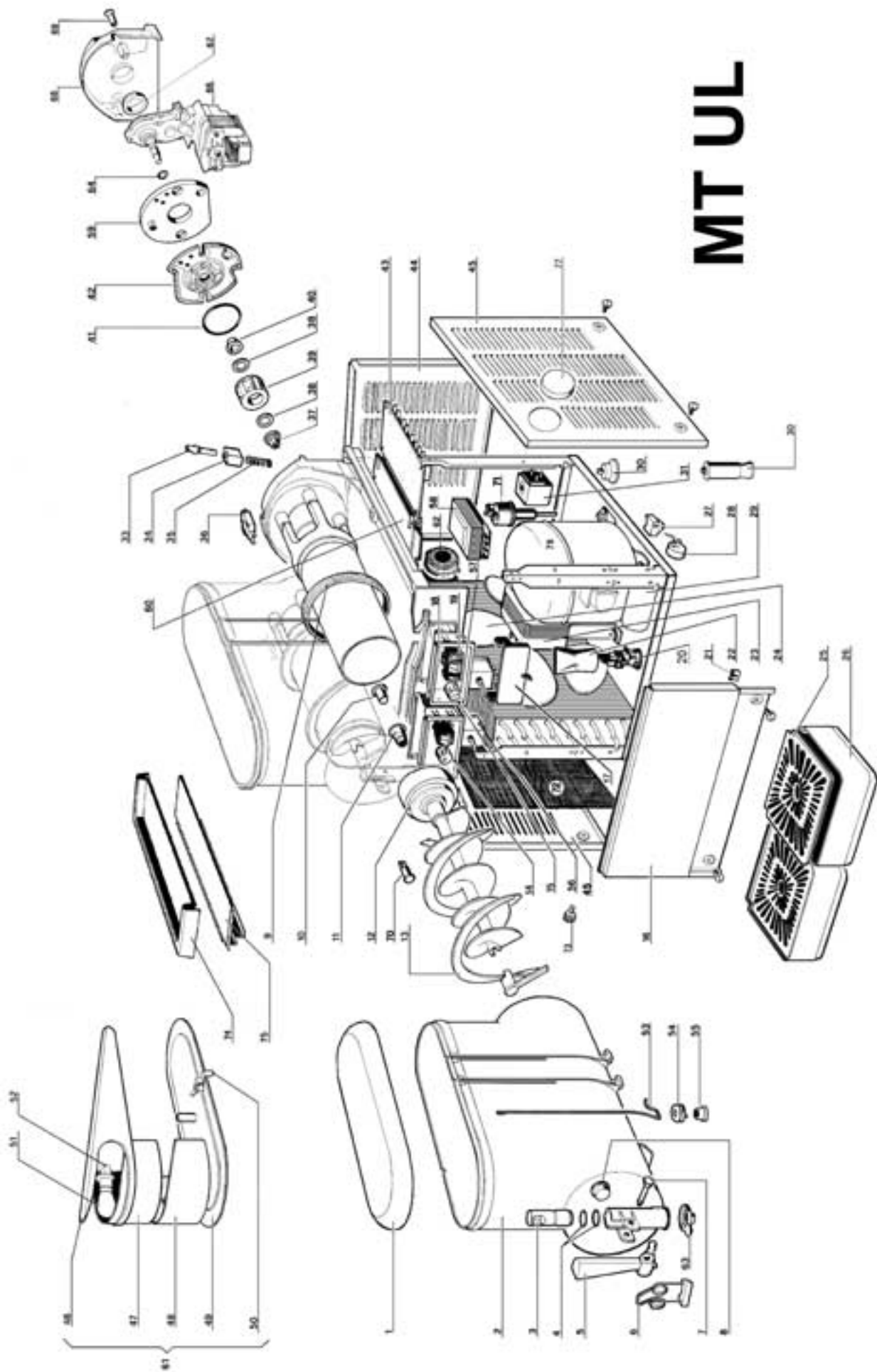
•Torque Setting Gauge•



②

•Torque Setting Gauge•

Setting can be changed from “Min and Max” where a thin product is adjusted to 1 and for a thicker product adjust accordingly (1-4) respectfully.



MT UL

SPARE PARTS PRICE LIST - MT UL MODELS

DWG #	PART #	DESCRIPTION	BLK PART #	LIST PRICE	DWG #	PART #	DESCRIPTION	BLK PART #	LIST PRICE	DWG #	PART #	DESCRIPTION	BLK PART #	LIST PRICE					
1	00263	Transparent cover		\$ 40.00	29	xxx	Starting-run capacitor (chart)		\$ 120.00	54	00490	Flexible contact	00490	\$ 14.00					
2	00106	Bowl		160.00	30	00158	Rubber leg		2.30	55	00177	Fixing ring		1.70					
3	00161	Faucet piston		12.00	30	00092	4" leg (1)		27.00	56	00132	Thermostat		47.00					
4	00101	Faucet piston "O" Ring		1.30	31	00120	Solenoid valve coil		41.00	57	00182	Thermostat knob		4.00					
5	00102	Faucet handle	00497	17.00	33	00087	Density adjustment screw		5.50	58	000	Transformer		see below					
6	00122	Faucet handle spring		11.00	34	00089	Shaped nut		3.70	59	00231	Insulation foam		7.70					
7	00103	Faucet handle pin	00498	4.40	35	00088	Density spring		2.30	60	00268	PWB housing		32.00					
8	00109	Thrust washer		2.20	36	00121	Microswitch		9.50	61	00099	Lighted top cover (assy.)	00520	112.00					
9	00105	Bowl gasket		32.00	37	00227	Rear wall rear bushing		2.70	62	00269	Defrost timer switch		134.00					
10	00126	Rear wall front bushing		2.90	38	00229	Magnetic drive washer		1.60	63	00134	Restrictor cap		7.00					
11	00127	Auger bushing		4.50	39	00228	Magnetic drive		136.00	64	00144	Central shaft "O" ring		.90					
12	00110	Auger		172.00	40	00230	Flange bushing		2.70	66	00046	Gear motor		320.00					
13	00111	Outer spiral		32.00	41	00226	Flange "O" Ring 3231		2.50	67	00153	Rear bushing		2.00					
14	00129	Switch box	00499	6.50	42	00183	Gear motor flange		30.00	68	00091	Rear cover	00516	20.00					
15	00130	Power switch box	00500	6.50	43	000	Delay electronic device(PWB)		see below	69	00154	Rear cover fixing screw	00517	4.40					
16	000	Front Dispensing panel		see below	44	000	Back panel		see below	70	00181	Warning light		4.50					
17	00245	Switch box cover	00504	4.70	45	00238	MT 1 side panel		50.00	71	00195	Safety pressure switch		104.00					
18	00123	3-position switch		17.50	45	00237	MT 1P-2-3 left side panel	00513	98.00	72	00119	Condenser filter		14.00					
19	00124	2-position switch		7.50	45	00267	MT 1P-2-3 side panel w/timer	00514	60.00	73	00135	Panel fixing screw	00519	0.70					
20	00265	Terminal block w/ cable clamp		11.50	46	00147	Lighted top cover (upper)	00515	34.50	74	00250	Side tray for MT 1P UL		58.00					
21	00179	Clip		1.10	47	00178	Fruit picture		15.00	75	00251	Upper tray w/ bkt for MT1P-UL		22.00					
22	00297	Terminal block protection		2.30	48	00188	Picture screen		19.00	77	00157	Timer cover		13.00					
23	000	Fan motor		see below	49	00094	Lighted top cover (lower)		32.50	78		See below							
24	00133	Fan blade		16.50	50	00084	Top cover light contact		8.00	Parts Not Shown									
25	000	Drip tray cover		see below	51	00100	Bulb		8.50										
26	000	Drip tray		see below	52	00131	Bulb socket		10.20										
27	xxx	Relay (Chart)		68.00	53	00148	Light wire		6.50										
28	xxx	Overload protector (Chart)		64.00	54	00098	Flexible contact		7.70										
															00146	Petrogel		\$ 6.50	

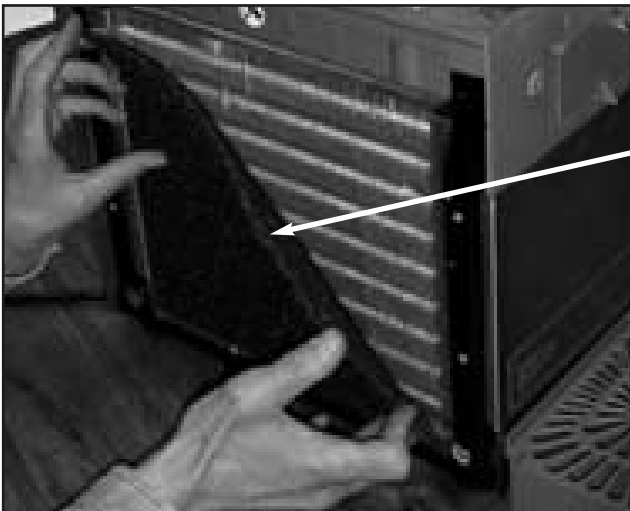
000		MT1UL		MT1P-UL		MT2-UL			MT3-UL			
DWG #	PART #	LIST PRICE	PART #	LIST PRICE	PART #	PART #	PART #	LIST PRICE	PART #	PART #	PART #	LIST PRICE
16	00239	\$ 60.00	00271	\$ 48.00	00240	00502		\$ 120.00	00241	00503		\$ 190.00
23	00248	370.00	00108	130.00	00108			130.00	00108			130.00
25	00138	8.20	00272	20.00	00138	00506		8.20	00138	00506		8.20
26	00139	15.00	00273	27.00	00139	00508		15.00	00139	00508		15.00
43	00249	160.00	00249	160.00	00113			192.00	00081			234.00
44	00235	66.00	00275	45.00	00236	00511	00495	110.00	00276	00512	00496	190.00
58	00192	100.00	00192	100.00	00193			124.00	00194			140.00
COMPRESSORS - Stainless Steel or Black Colors Do Not Apply												
78	00093	\$570.00	00367	\$ 600.00	00085	NA	NA	\$ 530.00	00082	NA	NA	\$ 600.00

XXX		MT1/MT1P	MT2	MT3	
DWG #	PART #	PART #	LIST PRICE	PART #	LIST PRICE
27	00355	00160	\$ 68.00	00353 (KIT) - ONLY available as a complete kit. Consists of DWR NO. 27, 28, & 29	
28	00356	00159	64.00		
29	--	00125	120.00		

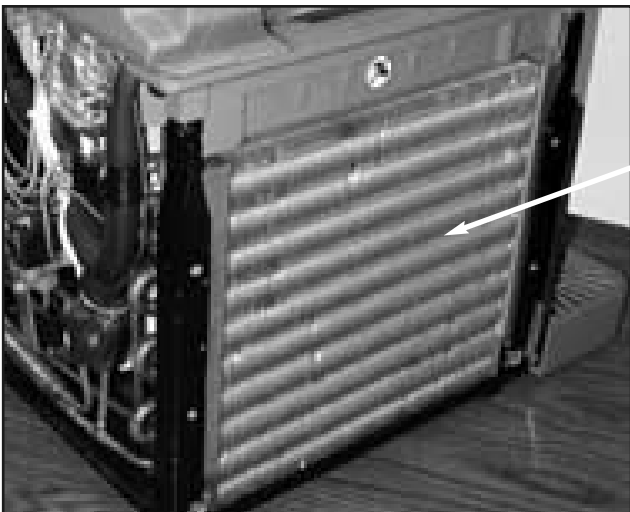
Removal of Side Panel



Remove left side panel by turning both thumb screws counter clockwise and pull off stainless steel shield.



•Washable Filter•



•Condenser•

If placed next to another machine or object, allow 6" of space to provide ample air intake.