

PARTS LIST FOR MODEL 20 ICE MAKER

Eng. Revision: July 2000

Sales Revision: May 25, 2006

When ordering parts, provide the following information: **NORTH STAR** part number, part name, quantity, ice maker serial number and model-year from nameplate attached to top gear housing. When ordering motors, gear reducers or gearboxes, give complete nameplate data from unit in addition to serial number and ice maker model and year.

North Star Dwg No.	Part No.	Part Name	Quantity
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ACCESS COVER

40C2-0	100197	Access Cover	1
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GEAR HOUSING ASSEMBLY DRAWING 4000-P4

TOP GEAR HOUSING ASSEMBLY

40G0-1	100203	Cover Gasket	1
40G0-2	100204	Top Rotor Bearing	1
40G0-3	100205	"O" Ring	1
40G0-4	100206	Ball Bearing	1
40G0-5	100207	Oil Seal	1
40G0-6	100208	Cup Thrust Bearing	1
40G0-7	100209	Cone Thrust Bearing	1
40G1-0	100210	Cover	1
40G2-0	100211	Rotor Nut (Left Hand Thread)	1
40G3-0	100213	Top Gear Housing	1
40G3-1	100214	Stud Bolt, Nut & Lockwasher	6
40G4-0	100215	Ring Gear Hub Shim Set	1
40G5-1	100216	Ring Gear Hub, (2) Keyways	1
40G5-3	100218	Ring Gear Bolt	12
40G5-4	100219	Ring Gear Nut, Self-Locking	12
40G6-0	100220	Key for Ring Gear Hub	1

PINION HOUSING ASSEMBLY

40G7-0	100221	Pinion Shaft Housing	1
40G8-0(7-88)	100223	Gearbox, Shim Set	1
40G9-0	100224	Pinion Shaft & Ring Gear Set (2 piece set only)	1
40G10-0	100225	Oil Seal Sleeve & Spacer	1
40G11-0	100226	Inside Spacer/Washer	1
40G13-0	100229	Bearing Retainer Ring	1
40G14-0	100231	Outside Spacer/Washer	1
40G15-0	101880	Water Inlet Overflow Shield	1
10G23-0	100061	Emergency Stop Switch Assy	1

MOTOR DRIVE ASSEMBLY DRAWING 2000-P3 & 20IO-0

DRIVE ASSEMBLY

40M0-1		Driven Pulley	1
40M0-2		Drive Belt	1
20M0-3		Drive Motor	1
40M0-4		Drive Pulley	1
10M0-5	100070	Load-Limit Switch	1
10M0-6	100073	Counterwt Support Ball Bearing	1
10M0-7	100074	Felt Washer	2

North Star Dwg. No.	Part No.	Part Name	Quantity
20M1-1	100180	Motor Drive Channel	1
40M1-2	100236	Speed Reducer	1
40M2-0	102904	Counterweight Support Arm	1
20M3-0	100181	Counter Weight	1
20M5-2	100182	Support Channel	1
10M6-0	100083	Belt Guard	1

ROTOR ASSEMBLY DRAWING 2000-P3

<u>ROTOR ASSEMBLY</u>			
10R0-1	100090	Jacking Screw Spacer Plug	6
60R0-2	100374	Bottom Rotor Ball Bearing	1
20R1-0	101935	Rotor	1
40R2-0	100258	Top Ice Plow	1
10R3-012	100096	Water Outlet Fitting-1/2"	1
10R3-058	100097	Water Outlet Fitting-5/8"	4
40R4-015	100259	Ice Removal Tool Block	2
10R5-0	100100	Ice Removal Tool Locking Bar	2
10R5-1	100101	Jacking Bolt	6
10R5-2	100102	Locking Bolt	8
10R5-3	100104	Spacer Washer	As req'd
40R6-0	100263	Bottom Ice Plow	1

<u>BOTTOM BEARING HOUSING ASSY</u>			
60R7-0W	100383	Housing, Bottom Bearing	1
60R8-0	100385	Bearing Holder	1
40R8-3	100270	Bearing Holder Bolt	1
40R9-0	100271	Attachment Ring	1
40R10-0	104385	V-ring Seal, under top bearing	1

WATER DISTRIBUTION ASSEMBLY DRAWING 2000-P5

<u>WATER DISTRIBUTION SYSTEM</u>			
10W0-1	100113	Water Tube - 5/8" I.D.	As Req'd Per Foot
10W0-2	100114	Water Tube - 1/2" I.D.	As Req'd Per Foot
10W0-4	100111	Hose Clamp	20

<u>WATER TANK</u>			
10W0-5	100112	Pinch-type Hose Clamp	5
10W1-2	100115	Float Valve, 3/4"	1
10W1-3	100116	Brass Rod	1
10W1-4	100117	Plastic Float	1
10W1-5	100119	1/2" 90° Ell	
40W2-0	100276	Water Tank SS M20/90	1
40W2-1	100277	Salt Feeder Tank SS M20/90	1
40W3-0		Overflow Standpipe Assembly	1
40W3-1	100278	1 1/4" PVC Street Ell	1
40W3-2	100284	Overflow Standpipe	1
40W4-0	101886	Water Line Support Bracket	1
40W5-0	100287	Flow Control Valve Assembly	1
10W6-0	101812	Water Pan Receiving Line Assy	1

North Star Dwg. No.	Part No.	Part Name	Quantity
40W7-0		Water Pan Drain Ell Assembly	
40W7-1	100290	4" Drain Ell, PVC	1
40W7-2	100291	4" Nipple, threaded one end	1
40W8-0DS	102862	Water Ring Assembly (Total 4 pieces)	1
40W8-0DS1	100292	A. Leading Section	1
40W8-0DS23	100293	B. Center Section	2
40W8-0DS4	100294	C. Trailing Section	1
40W12-0	100298	Water Ring Support Arms, Aluminum	1
<u>WATER PUMP ASSEMBLY</u>			
40W18-0	100305	Water Pump Complete Assembly	1
40W18-1	100308	Motor	1
40W18-2	100311	Base	1
40W18-4	100314	Mtg Flange & Support Tube	1
40W18-5	100315	Shaft Bushing	1
40W18-7	100316	Motor Mounting Flange	1
40W18-8	102868	Shaft Coupling & Mtg Kit	1
40W18-9	101894	Impeller & Shaft	1
40W20-0	101884	Salt Feeder Device	1
<u>DRIP SHIELD</u>			
40W21-0	100325	Support Arms, Aluminum	1
40W21-3	100329	Spacers, UHMW	6
40W22-1	100330	A. Leading Section	1
40W22-2	100331	B. Trailing Section	1
40W23-0	100336	Spray Tube with Hose Splice	1
40W23-2	100337	Spray Tube Clip	5
20W24-0	100186	Vertical Ice Deflector Shield	1
40W27-1	100340	A. Short Section	2
40W27-2	100341	B. Long Section	2
<u>REFRIGERATION PART ACCESSORIES</u>			
RF-1		Levelmaster Valve (complete) <i>(requires operating data to size)</i>	1
RF-2		Levelmaster Valve Heater Unit <i>(requires Watt and voltage)</i>	1
RF-3	100517	Relief Valve, Ammonia	1
RF-4	100518	Relief Valve, Freon	1
RF-5	101819	Pressure Gauge, Freon	1
RF-6	100521	Pressure Gauge, Ammonia	1
RF-9	100490	AFR3 Ammonia Flow Regulator	1
RF-12	104448	RFS, Ref. Float Switch (LL)	1
DRAWINGS:			
AC-2	100573	Rotor Jacking Screw	
AC-5	100576	Rotor Nut Wrench	
AC-6	100577	Bearing Retainer Ring Wrench	
	102030	Service Manual	