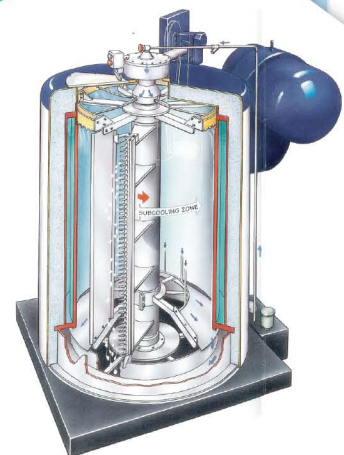




# "North Star" Ice Maker Spare Parts



*North Star*<sup>®</sup>



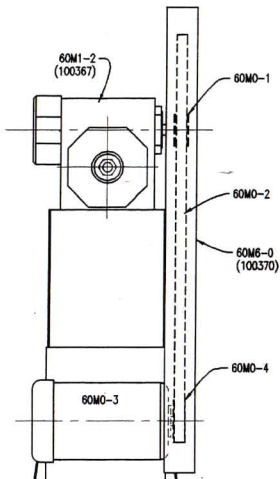


# "North Star" Ice Maker Spare Parts



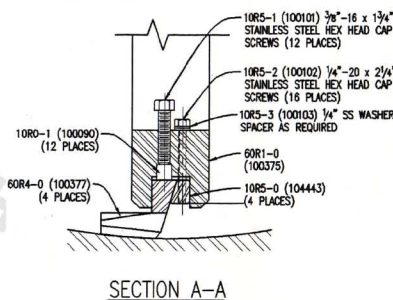
## Recommended Spare Part List

### Motor Drive Assemblies for M60 / M90



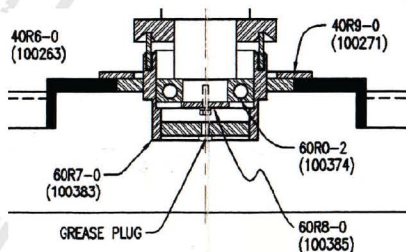
| Description                                                     | Part No.          |
|-----------------------------------------------------------------|-------------------|
| Driven Pulley, M60/ M90                                         | 60 M0-1           |
| Drive Belt, M60/ M90                                            | 60 M0-2           |
| Motor, Drive, 1HP., 1750 RPM, 220-440/3/60HZ. (ทดแทน # 100556 ) | 60 M0-3 / 104728  |
| Pulley, Drive 1VP4.4x7/8 , M60/M90                              | 60 M0-4 / 100592  |
| Belt Guard, Assembled for Drive Channel, w/ Plate               | 60 M6- 0 / 100370 |
| Speed Reducer , M60/M90                                         | 60 M1-2 /100367   |

### Ice Removal Tools Spare Parts for M60 / M90



| Description                                   | Part No.         |
|-----------------------------------------------|------------------|
| SS Spacer Plug, Jacking Screw, M60/M90        | 10R0-1 /100090   |
| Locking Bar, Ice Removal Tool, M60/M90        | 10R5-0 /100100   |
| Locking Bar, Stainless Steel, M60/M90         | 10R5-0 /104443   |
| Jacking Bolt 3/8" x 1-3/4" SS HEX H, M60/M90  | 10R5-1 /100101   |
| Locking Bolt, 1/4" x 2-1/4" SS HEX H, M60/M90 | 10R5-2 /100102   |
| SS Spacer Washer, M60/M90                     | 10R5-3 /100103   |
| SS Ice Removal Tool, 1.5", M60/M90            | 60R4-015 /100377 |

### Bottom Bearings / Housings / Holders for M60 / M90



| Description                                 | Part No.       |
|---------------------------------------------|----------------|
| Bottom Ice Plow, M60/90                     | 40R6-0 /100263 |
| Ring , Attachment - Zinc-Plated, M60/90     | 40R9-0 /100271 |
| Bottom Bearing, M20/M90                     | 60R0-2 /100374 |
| Bottom Bearing Housing, M20/M90             | 60R7-0 /100383 |
| Bottom Bearing Holder, Zinc-Plated, M20/M90 | 60R8-0 /100385 |





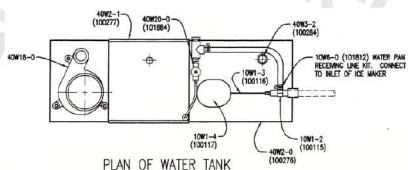
# "North Star" Ice Maker Spare Parts



## Recommended Spare Part List

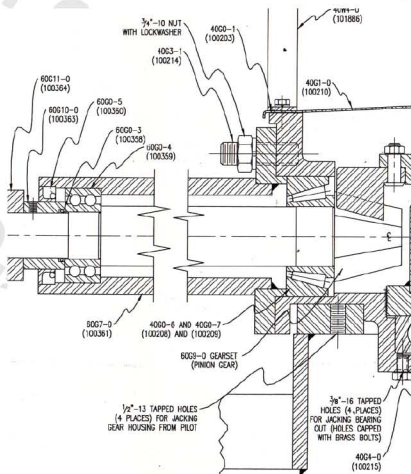
### Water Tanks Assemblies & Water Pump for for M60 / M90

| Description                                                           | Part No.       |
|-----------------------------------------------------------------------|----------------|
| Water Tank Float Valve 1/2", M60/M90                                  | 10W1-2/100115  |
| Brass Rod, M60/M90                                                    | 10W1-3/100116  |
| Plastic, Float, M60/M90                                               | 10W1-4/100117  |
| Water Pump, Complete Assembly, 1/2 HP., 220-440/3Ph/50-60Hz., M60/M90 | 40W18-0/100305 |
| Water Tank Only, M60/90                                               | 40W2-0/100276  |
| Salt Feed Tank , M60/90                                               | 40W2-1/100277  |
| Water Pan Receiving Line, M60/90                                      | 10W6-0/101812  |
| Overflow Stand Pipe, M60/M90                                          | 40W3-2/100284  |
| Salt Feed Valve Assembly, M20-M90 ( ทดแทน # 101884 )                  | 40W20-0/310002 |



### Top Gear Housing & Pinion Housings for M60 / M90

| Description                                       | Part No.        |
|---------------------------------------------------|-----------------|
| Gear Case Cover Gasket, M20-M90                   | 40G0-1 /100203  |
| Top Bearing, M60/M90                              | 40G0-2 /100204  |
| Cup, Thrust Bearing, M60/M90                      | 40G0-6 /100208  |
| Cone, Thrust Bearing, M60/M90                     | 40G0-7 /100209  |
| Stud Bolt, 3/4"-10 x 2-5/8", Zinc Plated, M60/M90 | 40G3-1 /100214  |
| O-Ring, Pinion Shaft, M60/M90                     | 60G0-3 /100358  |
| Ball Bearing, Pinion Shaft, M60/M90               | 60G0-4 /100359  |
| Oil Seal, Pinion Shaft, M60/M90                   | 60G0-5 /100360  |
| Piston Housing Assembly, M60/M90                  | 60G7-0 /100361  |
| Gear Set Pinion & Ring Gear, M60/M90              | 60G9-0 /100362  |
| Oil Seal Sleeve & Spacer, M60/90                  | 60G10-0 /100363 |
| Inside Washer Pinion Shaft, M60/M90               | 60G11-0 /100364 |
| Rotor Seal V-Ring, M20-M90                        | 40R10-0 /104385 |





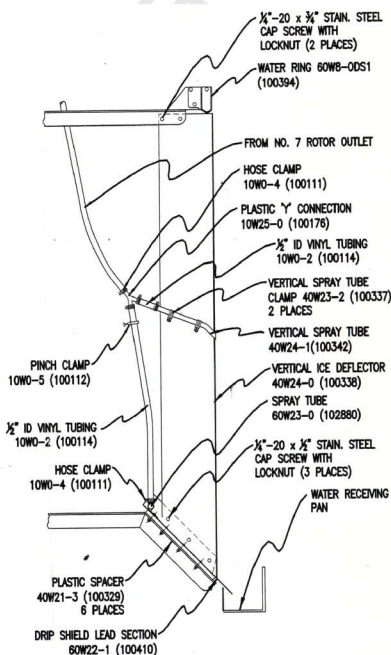
# "North Star" Ice Maker Spare Parts



## Recommended Spare Part List

### Water Hose Kits for M60 / M90

| Description                                                                                                                                                                   | Part No.                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Hose Kit, M10-HK Consists of<br>8" ( 2 ea.5/8" x 4" Hoses )<br>36" ( 1 ea.1/2" x 36" Hoses )<br>6 ea. S.S.Micro Clamps<br>3 ea. Pinch Type Clamp<br>1 ea. Plastic " Y "       | # 310016 ( ทดแทน 102881 ) |
| Hose Kit, M20-HK Consists of<br>60" ( 4 ea.5/8" x 15" Hoses )<br>90" ( 1 ea.1/2" x 90" Hoses )<br>18 ea. S.S.Micro Clamps<br>5 ea. Pinch Type Clamp<br>1 ea. Plastic " Y "    | # 310017 ( ทดแทน 102882 ) |
| Hose Kit, M40-HK Consists of<br>60" ( 4 ea.5/8" x 15" Hoses )<br>140" ( 1 ea.1/2" x 140" Hoses )<br>22 ea. S.S.Micro Clamps<br>5 ea. Pinch Type Clamp<br>1 ea. Plastic " Y "  | # 310018 ( ทดแทน 102883 ) |
| Hose Kit, M60-HK Consists of<br>144" ( 6 ea.5/8" x 24" Hoses )<br>255" ( 1 ea.1/2" x 255" Hoses )<br>28 ea. S.S.Micro Clamps<br>7 ea. Pinch Type Clamp<br>1 ea. Plastic " Y " | # 310019 ( ทดแทน 102884 ) |
| Hose Kit, M90-HK Consists of<br>144" ( 6 ea.5/8" x 24" Hoses )<br>400" ( 1 ea.1/2" x 400" Hoses )<br>28 ea. S.S.Micro Clamps<br>7 ea. Pinch Type Clamp<br>1 ea. Plastic " Y " | # 310020 ( ทดแทน 102885 ) |



DETAIL 1 - VERTICAL ICE DEFLECTOR

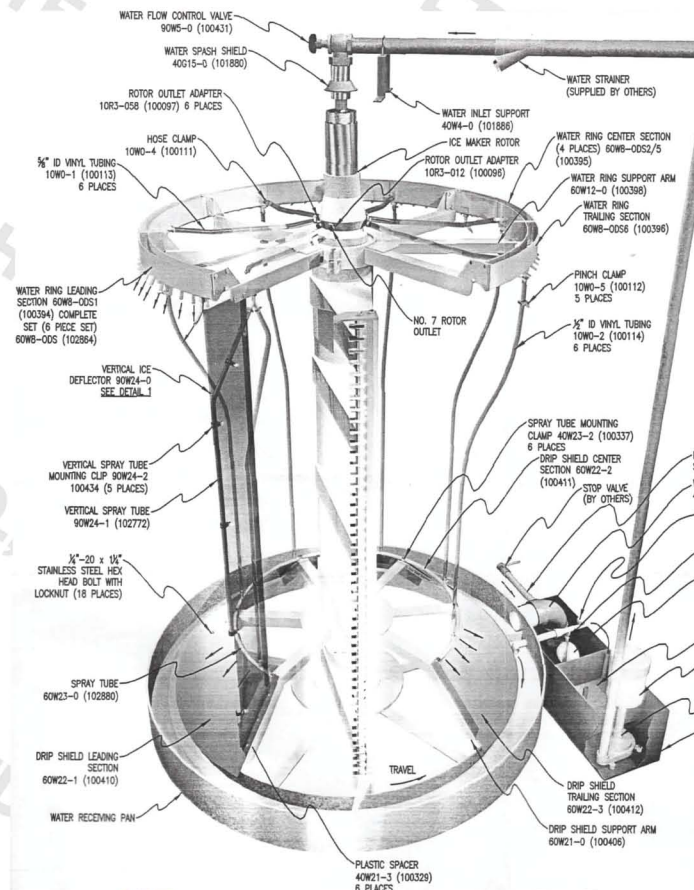




# "North Star" Ice Maker Spare Parts



## Recommended Spare Part List



## Water Rings Spare Parts for M60 / M90

| Description                                            | Part No.              |
|--------------------------------------------------------|-----------------------|
| Water Ring 6 PCs/Set, (ODS), M60/M90 ( ทดแทน 102864 )  | 60W8-ODS /310012      |
| Drip Shield, Leading, SS, M60/M90                      | 60W22-1/ 100410       |
| Drip Shield, Trailing, SS, M60/M90                     | 60W22-3 / 100412      |
| Brass Hose Adaptor, 1/2" MPT x 1/2" Hose               | 10R3-012 / 100096     |
| Brass Hose Adapter, 1/2" MPT x 5/8" Hose               | 10R3-058 / 100097     |
| Water Ring, Leading Section, M60/M90                   | 60W8-ODS-1/100394     |
| Water Ring, Center Section, M60/M90                    | 60W8-ODS-2...5/100395 |
| Water Ring, Trailing Section, M60/M90                  | 60W8-ODS-6/100396     |
| Water Ring Support Arm Assy., M60/M90                  | 60W12-0 / 100398      |
| Drip Shield Support Arm Assy., Alum, M60/M90           | 60W21-0 / 100406      |
| Drip Shield Spray Tube Assy., M60/M90 ( ทดแทน 102880 ) | 60W23-0 /310015       |