

# HOSHIZAKI AMERICA, INC. SERVICE BULLETIN

SB10-0002

May 20, 2010 Page 1 of 2

### Subject: Flakers and DCM O-ring change and approved lubrication.

The Flaker/DCM o-ring material has changed. Previously evaporator assembly O-rings are made from Viton. The replacement O-rings will now be made of EPDM.

The following part numbers will sub to the new part number once our stock is depleted.

EXISTING PART #	NEW PART #
7616-G040	4A4755-01
7616-G065	4A4755-02
7616-G070	4A4755-03
7616-G090	4A4755-04
7616-G095	4A4755-05

#### NOTE:

- 1. Use only FOOD GRADE SILICONE to lubricate these o-rings.
- 2. DO NOT LUBRICATE sleeve bearing or mechanical seal surfaces.

No lubricant should be used on bearings or mechanical seals. When replacing a mechanical seal, it is acceptable to lightly coat the auger shaft with food grade silicone lubricant so that the seal slides in place properly. However you should avoid lubricating the carbon or ceramic parts of the Mechanical Seal this may attract dust and debris that could result in premature failure.

## FLAKER AND DCM O-RING REPLACEMENT

#### (These instructions are designed to be generic. For specific instructions for your model please see the appropriate Service Manual.)

- 1) Drain water from the evaporator by using the flush switch.
- 2) Unplug the unit from the electrical outlet.
- 3) Remove the panels.
- 4) Remove the thumbscrews and take off the spout from the evaporator.
  - a. DCM-240 and DCM-270 remove the storage bin cover. Remove the agitator, drip ring, drip plate and shutter assembly.
- 5) Remove the Allen head cap screws securing the extruding head. Using the cutter, lift out the auger assembly.
  - a. (DCM-240 and DCM-270 only Remove the three Socket Head Cap Screws and lift off the Storage Bin Assembly.)
- 6) The mechanical seal consists of two parts, one rotates along with the auger, and the other is fixed in the lower housing. If the contact surfaces of these two parts are worn, cracked or scratched, the mechanical seal may cause water leaks and should be replaced.
- 7) Remove the Allen head cap screws securing the evaporator to the lower bearing housing.
- 8) Raise the evaporator up to access the lower housing.
- 9) Remove the O-ring and mechanical seal from the housing.
- 10) Lightly coat the new O-ring with food grade silicone so you don't scratch the surface of the O-ring, or it may cause water leaks.
- 11) Handle the Mechanical Seal with care not to scratch or contaminate its contact surface.
- 12) Install the O-ring and lower part of mechanical seal on the lower housing.
- 13) Lightly coat the bottom inside of the evaporator barrel with food grade silicone. Slide the evaporator onto the lower housing and secure it. (Do not allow silicone to contact ice making surface.)
- 14) You may lightly coat the mechanical seal end of the auger shaft with food grade silicone to help the seal slide into place.
- 15) Install the auger assembly with the upper part of the mechanical seal attached.
- 16) Replace the removed parts in the reverse order of which they were removed. Always use new extruding head bolts to provide proper seals.

If you have any questions regarding this information please contact Technical Support department at: 1-800-233-1940.