



HOSHIZAKI CARE TECH-TIPS

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THE BEGINNING

It's New! It's Hot! It contains valuable information! You definitely won't want to miss it.

Of course we're speaking of the monthly edition of Tech-Tips from Hoshizaki Care. This is the first edition of our monthly newsletter which will keep you updated on equipment changes and service tips. We are making extra efforts this year to keep you advised and informed on changes and how our equipment works.

This newsletter is FYI. Read it, study it, and by all means pass it on to your in-house staff and to your dealers and servicers.

NEW MODEL

The KM-450M_B unit is now changed to R-22 refrigerant. The new model number is KM-500M_E. When you remove the front panel, you will see an obvious difference in the location of the control box which is shifted down and toward the front for easier access. You will also notice the new style water distribution system, as well as, a different model Copeland compressor.

Factory inventories of the KM-450M's are now depleted and the new KM-500M's are being shipped,

so be on the lookout for this new model.

WATER TREATMENT

Water conditions vary widely across the country, across town, even across the street. Water treatment is an industry within itself and cannot be covered in this brief article. I do, however, want to address two areas of concern when adding water treatment to a Hoshizaki Ice Machine.

Hoshizaki KM units incorporate two cleaning functions within its sequence and new Flakers have a built in flush period every 12 hours to clean the water system. Decent water areas may not require a filtration system on your installation. If poor water conditions exist, however, a treatment system is a must.

First, water quality should be tested so the correct treatment can be chosen. Most filtration companies have water testing facilities and will provide you with a sample bottle and instructions. Others provide a simple quick test kit which you use to test the water conditions on site.

If your water contains suspended solids, a simple filter system is needed to remove or reduce the amount of solids. If dissolved solids are present, some type of treatment is needed to remove, reduce or neutralize the minerals that are present. There are several filter

manufacturers available on the market today. They will work closely with you to select the correct system for your needs.

Once the correct system is selected, you must assure that it is sized properly for your unit.

The filter flow rate is a critical area for proper sizing of a treatment system. See Service Bulletin SB91-011 for flow rate and sizing information. A good rule of thumb for all Hoshizaki models is to chose a filter with 5 GPM or more flow rate.

A properly selected system should last from 4 to 6 months or longer, depending on local conditions, before changing cartridges. The benefits to our customer are obvious with less down time and lower operating cost as the key points. If you presently sell a filter line, learn as much as possible about testing water quality and properly selecting the system to suit your customers needs.

NEW WATER DISTRIBUTION SYSTEM

Service Bulletin SB93-0009 outlines a change in the water distribution system on KM-450/630/800 models by serial number. This change reduces the total number of parts and provides for easier cleaning with the removable cleaning plugs. Replacement parts must be ordered by part number and not by “description only” to avoid shipping the wrong part.

FLAKER/DCM PREVENTATIVE MAINTENANCE

The first of the year is an excellent time to perform annual PM’s on Flaker’s and DCM’s. The primary items on this PM check are as follows:

1. Clean and sanitize the water system following the instructions provided with the unit.

2. Clean air filters on air-cooled models.

3. Check external filter system and change cartridges as needed.

4. Check inlet water valve screens.

5. Conduct annual bearing inspection.

Performing these 5 item on an annual PM check will benefit your customers with more efficient operation, less down time and can save hundreds of dollars “\$’s” in repair cost. Contact your Flaker/DCM customer today and schedule a PM inspection.

SUGGESTIONS

If you have items or subjects you would like to see covered in the Tech-Tips Newsletter. Fax them to the Care Department marked:
ATTN: TECH-TIPS EDITOR.

We will strive to cover your subject in a future issue.

QUOTABLE QUOTES

The best way to succeed in life is to act on the advice we give others.

COMING NEXT MONTH...

1. A. simple sequence for KM Cubers...
2. How to inspect Flaker bearings...
3. Other updates and information...

