

The Waianae Store. Ice Machine

Location: Oahu, Waianae Hawaii

Case study: 165 days

Goal: Significantly reduce scale build up in Ice machine

Installation Details

Model of Water Conditioners: S38

Pipe Diameter (OD):

Pipe Material: PVC

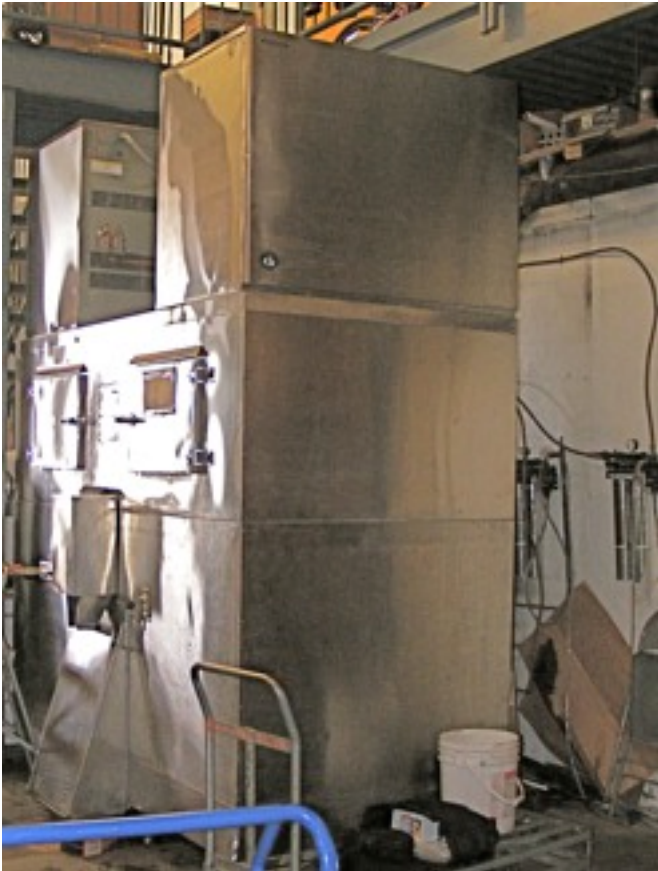
Installation location: between the filtration pump and the filter

Installation Date: June 2, 2011



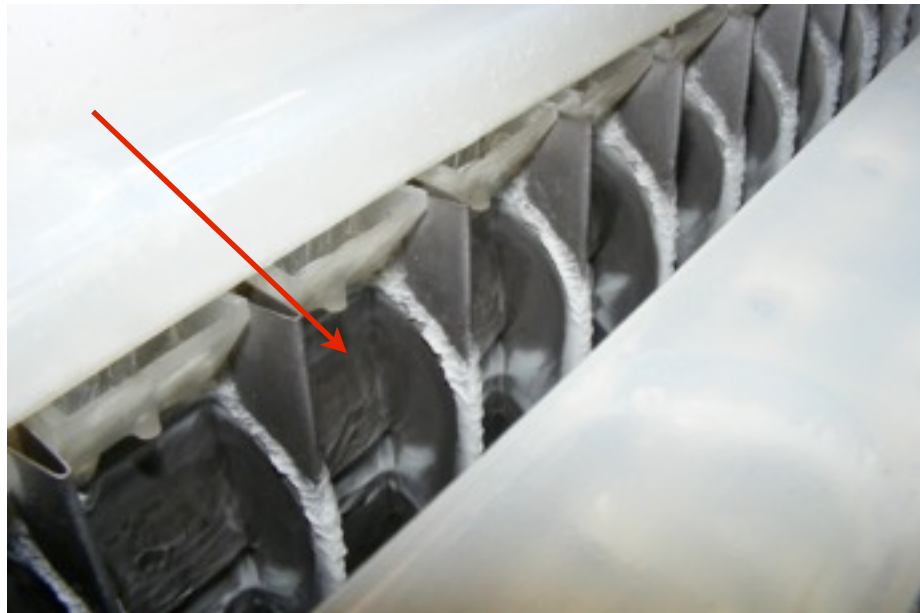
Ice Machine

A S38 water conditioner was installed June 2, 2011.
At which time all filters were shut off





Limescale build up, before HydroFlow, formed typically in 3 months even with the water filtration. After the installation of HydroFlow there is almost no scaling, only a soft gel paste which is very easy to remove.



Field Conclusion

Limescale build up reduction: The increased performance was noticeable within 20 days.

Maintenance: The property conducts quarterly cleaning and inspection regardless. The ice machines quarterly maintenance and cleaning is taking 1/6 of the time or less, which is a substantial savings in labor. Hydroflow will improve the performance of the equipment through out the quarter, and reduce maintenance.

Estimated Return on Investment due to maintenance cost savings: 12 to 18 months.