

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

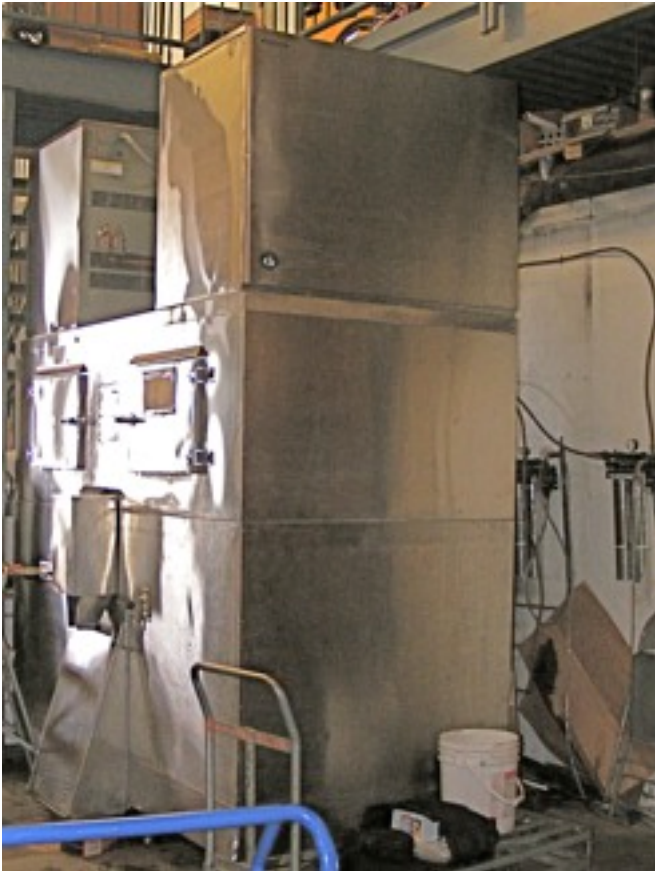
Installation location: between the filtration pump and the filter

Installation Date: June 2, 2011



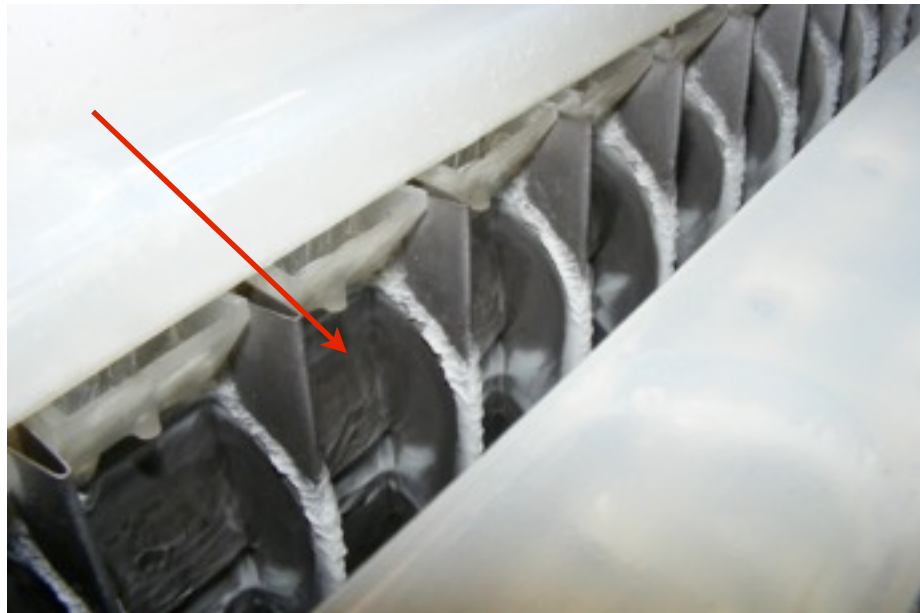
Ice Machine

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. It was also noticed that the ice produced is clearer.

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.