

Swim Safer!....

# POOL WATER QUALITY PROCEDURES & High Intensity Ultra-Violet Light System

*To ensure that we provide the safest and most comfortable experience in our Indoor Wave Pool, Jacuzzi and Rainbow Falls Outdoor Pool, the Cape Codder Resort has state-of-the art filtration equipment and strict standards as outlined:*

- Water is **tested manually every hour** by a pool supervisor. The results are logged in the Pool Manager's office. The water is tested for chlorine and PH levels.
- We have a **computerized automatic feed system** for chlorine for the main pool and for the hot tub. These are Cat 5000 electronic feeders that automatically feed the correct amount of chlorine. This system continually monitors the chlorine levels 24 hours per day and automatically makes any necessary adjustments.
- This electronic feed system will **automatically adjust the supply based on the condition of the water** AND will automatically send alerts to various pool management staff should an out of range condition exist. Water quality results via this system are monitored remotely as well as on site.
- We have installed the latest in **UV (high intensity ultra violet light) technology** to ensure that our pool water is treated for all common organisms present in pool systems. In addition to the pool water being filtered through our sand filter system, the water then passes through the UV system which destroys over 60 waterborne pathogens, including algae, bacteria, mold spores, cysts and viruses. The highly concentrated electromagnetic energy destroys organic matter and eliminates the formation of dangerous chlorine by-products called chloramines that commonly lead to red, stinging eyes, skin irritations, asthma and allergies. This energy penetrates the cell walls of bacteria, viruses, algae, cysts and all pathogens. This system provides the highest level of sanitation and reduces the amount of chlorine needed to maintain water quality. Ultra-violet is considered the best available technology for swimming pool disinfection. This system is not required by the State of Massachusetts but has been installed voluntarily.
- We voluntarily submit **monthly water samples to an independent water testing laboratory** who in turn submits the results to the Massachusetts state agency responsible for water safety. All testing results – manual, electronic and independent laboratory are kept on file and are available for review.

So swim (and breathe) easy knowing that our Indoor Wave Pool and Spa offer the best quality of water to splash, swim, play, soak and relax in!

*For more information on our Hanovia UV system, visit [www.hanovia.com/applications/swimmingpools.aspx](http://www.hanovia.com/applications/swimmingpools.aspx)*

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