

# THE GRAY LINE

By Technical Systems

*Picture This: You are at a luxurious hotel on the beach. You feel the warm sun and taste the sweetness of your umbrella-laced piña colada. You smell the fresh, salty air as you relax in a beach chair with no worries in the world.*

How is this paradise possible? Thanks to Technical Systems replacing the hotel's corroded cooling units with a Gray Line solution that wasn't offered by the original manufacturer.

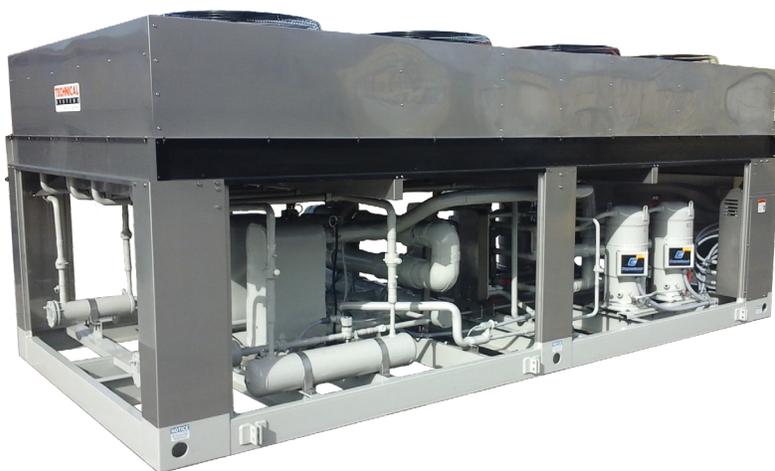


## The Problem: Corrosion in Paradise

When the original air-cooled chillers were installed at a luxury beachfront hotel in the Virgin Islands the salt laden coastal environment was not considered and the chillers quickly corroded. The local desalination plant produces reverse osmosis water that can corrode the internal parts of the chillers. Additionally, the tropical climate requires dehumidification cooling yearlong with reheat to maintain comfortable temperatures in the rooms.

With this in mind, Technical Systems designed and manufactured two air-cooled chillers with integral heat reclaim technology that can withstand the corrosive environment and eliminate the high cost of frequent repairs and replacements.

## The Solution: TSI's Gray Line Air-Cooled Chillers



Find out more about our corrosion resistant capabilities at [www.technical-systems.com](http://www.technical-systems.com).

Our Gray Line of products can be tailored to meet "out of the norm" requirements more cost effectively than trying to adapt a typical commercial product. Each TSI chiller included stainless steel casings and structure, plus protective coatings on all condenser coils, parts and piping. These air-cooled chillers solved the worries of corrosion, while keeping their lifecycle high and maintenance low. The result is a lower cost of ownership and an easy replacement for the owner.

- **Flexible Fit** – Chiller's fit existing roof space, reducing installation time and costs.
- **Energy Saving** - Integral heat reclaim providing free hot water for building reheat.
- **Money Saving** – Lower cost of ownership by providing a product that will last longer and need less maintenance.

**TECHNICAL**  
S Y S T E M S

DIVISION RAE CORPORATION

**We Listened. We Solved. We Will Support.**

**#GoGray**