



HOTEL INDUSTRY

Resort Hot Water Heater Scale Control Case Study Jamaica

HydroFLOW® C150 controlled severe limescale in hotel hot water systems, improving heater performance, reducing maintenance and restoring equipment condition.

8m+

No removal for cleaning required



Maintenance Frequency



Heater Lifespan



Fuel Consumption



BEFORE & AFTER

BEFORE

- ✗ Severe scale in heater core tubes
- ✗ Cleaning required every few months
- ✗ Washer windows fully caked with scale

AFTER

- ✓ No removal needed after 8 months
- ✓ Heater cores remained clean
- ✓ Washer internals and windows clear



OVERVIEW

Half Moon Resort in Jamaica experienced severe limescale buildup in hot water heaters supplying guest rooms, kitchens and laundry. Heater cores scaled within one month, requiring crane-assisted removal and frequent cleaning, while washing machines and pipework were heavily affected.



CHALLENGE

Severe limescale caused frequent maintenance, equipment damage and operational disruption.

- Heater cores scaling within one month
- Frequent removal using overhead crane
- Monthly servicing of pipes and valves
- Washer inspection impossible due to scale

SOLUTION

1x *HydroFLOW*® C150 installed on heater supply header to control scale across hot water heaters and laundry systems.

UNIT INSTALLED 1x <i>HydroFLOW</i>® C150	INSTALLATION POINT Heater supply header between units
APPLICATION Hot water heaters and laundry	TRIAL DURATION 5 months+

RESULTS

 No Heater Removal Required No heater removal required after 8 months of operation.	 Reduced Maintenance Eliminated frequent servicing of heaters, pipes and valves.	 Heater Protection Heater cores remained clean and operational.
 Laundry Performance Washing machine windows and internals remained clear.	 Fuel Savings Reduced fuel consumption observed on supervisory system.	 Improved Equipment Life Heater lifespan significantly improved.

TESTIMONIAL

<i>"Everything looks new again!"</i> — Resort Management
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KEY TAKEAWAY

Summary

HydroFLOW® C150 controlled severe scaling issues in a major Jamaican resort, preventing heater removal for over 8 months and restoring system performance. Maintenance was reduced, fuel efficiency improved and equipment condition returned to near-new levels.

8m+
NO CLEANING

↓
MAINTENANCE

↑
HEATER LIFE



ADDITIONAL PHOTO EVIDENCE



AFTER

Heater coils showing reduced scale after treatment



INSPECTION

Heater coils with softened scale deposits



INSPECTION

Heater core remained clear after 3 months



RESULTS

Washer window no longer caked with scale after 5 months



RESULTS

Washer internals remained clear after 5 months

HYDROPATH

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50+

COUNTRIES

30+

YEARS EXPERIENCE

1M+

UNITS INSTALLED

HYDROPATH

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