



HIGH END RESORT, JAMAICA



INTRODUCTION

Half Moon Resort is one of the best-known resorts in Jamaica, and among many other awards is the Highest Forbes Rated Resort in Jamaica, and won the Tripadvisor Travelers' Choice Best of the Best Award (2021, 2020, 2019).

They were suffering from severe scaling on their hot water heaters, which were used to supply hot water to their hotel guest rooms, their kitchen and laundry facilities.

The heater core tubes were scaling up to a lump of hard scale after one month, necessitating removal for cleaning every few months. This was very problematic as the heater core was 5 foot long and required an overhead crane to remove it.

The washer windows of the 6 large washing machines (located 200m from the heaters) would be caked with scale so the inspection could not be reliably carried out. There were also problems with the associated piping and valves which required monthly servicing.



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THE TRIAL

Innovation Energy of Jamaica installed one *HydroFLOW*® C150 on the heater supply head between heaters 2 and 3.



The images above show the heater core after 3 months of the trial. Following the trial no removal for cleaning was necessary, only visual inspection and re-sealing.



The images above show the results on the washing machine windows and internals after 5 months. The windows are no longer caked with scale and the internals remain



clear.

BENEFITS

- No frequent Hot water supply disruptions
- Heater Core lifespan much improved
- Client can operate with 1 out of 4 Machines with true Spare Capacity where previously they needed 4 machines due to loss of tubes failing as a result of limescale cleaning damages and increase in fuel consumption.
- 8 months later no removal has been necessary
- Considerable fuel savings indicated on supervisory system.

Client's comment: *"Everything looks new again!"*