



Antonius Residence, Swakopmund.

### Old People's Residence turns to **Rentech** with a hot water emergency.



New 180 kW Diesel Ferroli Boiler

With 35 rooms and staff to keep warm and clean, The Antonius Residence considers the hot water boiler critical to its day to day running. Overnight two sections in the original Riello cast iron boiler had cracked causing the boiler to fail.

Mark Renecke of **Rentech**, Namibia's Industrial, Commercial and Domestic Heating experts, who had recently taken over service of the site from the previous contractor, received an early morning call from Ehrhardt Zwiebel, the proprietor with news of the problem. With little chance of getting spares from the main Riello agent in South Africa whom did not keep stock or flying parts in from Europe within the week, Mark proposed a new replacement Ferroli hot water boiler from stock and received the order after guaranteeing heat by the end of the day.



7 Hot Water Circulating Pumps

*'Within 6 hours of receiving the order, Rentech had the plant up and running, with the new Ferroli boiler producing hot water and heat for the residents much to the surprise and relief of Mr. Zweibel.'*

In taking over the site from the previous contractor a few other anomalies in the system were ironed out dating back 2 years to the original installation. The residents had complained continuously about the lack of hot water, no sooner had they stepped into the shower, than it started to cool off. **Rentech** corrected the original pipe work to draw water from the top of the storage tank, as everyone knows *'heat rises!'* The original system had been piped upside down, always drawing cool water from the bottom of the tank.

A series of 7 circulating pumps were employed to keep each zone warm. These had been tied in to a single 5Amp breaker, so if one pump tripped the complete system stopped. **Rentech** manufactured a new control panel with a single breaker and lamp for each pump, to ease plant maintenance and cut down on faultfinding time.

Shortly after taking over the service of the Antonius Residence boiler house the system was up and running keeping residents warm in winter, providing hot water seamlessly and giving the customer faultless service.

*'Rentech are on call 24 hours per day and are the only contractor now allowed to touch their precious boiler!'*



2 x 500L Hot Water Storage Tanks

For Further Information, please contact:

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