

# Gas Boiler Systems



The GPS Hot Boiler System supplies continuous hot water for all multi-story housing, hotels or manufacturing plants. Capable to supply continuous hot water up to 85 °C.

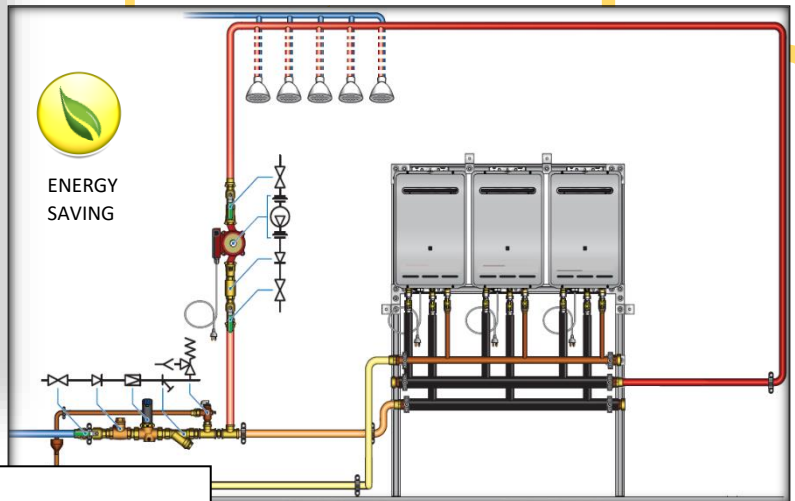
There are more than 80 of these Gas hot boiler systems operating successfully in SA.

NO water storage tank required, therefore suitable for rooftops or small plant rooms.



## THE MAIN FEATURES

- Outlet temperature is pre-set and remains constant, even when the flow varies
- Peak flow rate cannot be exceeded
- No flow = no gas consumption
- No wasteful pilot lights
- 70% less space than traditional water heating systems
- Low NOx
- Low maintenance

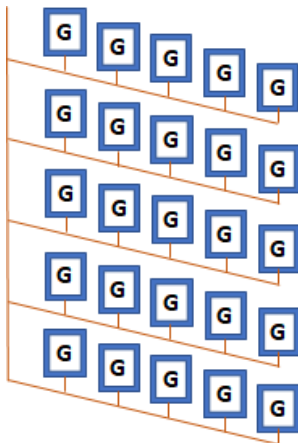


ENERGY SAVING

## SOME SUITABLE APPLICATIONS

- Hotels/Student accommodation- temperatures set at 60 °C
- Sporting Club Change Rooms - temperature set at 42 °C or 50 °C
- Shower Blocks in Caravan Parks - temperature set at 42 °C or 50 °C
- Cafes, Restaurants and Pubs - temperatures set at 65 °C
- Manufacturing Processes - temperature set at 75 °C or 85 °C

Each Boiler system control board will connect up to 5 water heaters. Currently GPS can connect up to 5 control boards with MSB communication cables. Therefore, as many as 25 water heaters can now operate as a Boiler single system.



Hot water systems design done according to the modified Hunters curve as used by **The American Society of Heating, Refrigerating and Air-Conditioning Engineers.**



## WHATS INCLUDED IN THE SYSTEM?

- Heavy Duty continuous flow units
- 32mm foam insulated Copper Manifold
- 20mm foam insulated Branches with Isolation Valves to each unit – Hot, Cold and Gas
- Uni-strut wall Mounting Frame
- Staging System as per specification
- 4-year full system warranty
- *Optional* : BMS for water system



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