

# City West Hotel, Saggart, Dublin

From RVR

## City West Hotel, Saggart, Dublin



Dublin's City West Hotel is one of the largest hotels in Europe with 1000 luxury bedrooms, a conference centre, a leisure centre and three superb golf courses. The complex is located less than 25 kilometres from the city centre in the beautiful village of Saggart. The most recent bedroom extension of 278 rooms is served by two rooftop plantrooms each of which contains an MHG HT225 high efficiency condensing gas boiler and 3 x 1000 litre TML 316L grade stainless steel calorifiers.

The MHG HT225 model contains 3 x 75 kW boiler modules which can independently operated to meet a varying demand from just 15 kW up to 225kw per boiler. The control of these modules is achieved using a built-in cascade manager for optimum efficiency. This facility eliminates the need for a complicated interface with an external control system. The boiler can accept a simple volt free enable signal and will also generate a switched live which can be used to activate a remote alarm in the event of a fault arising.

The MHG HT225 boilers also contain shunt pumps which can be used to deliver the primary water supply from each module to an adjacent low velocity header arrangement. This remote header would typically be fitted with secondary pumps to serve the various heating circuits.

The boiler exhaust flue system is manufactured from polypropylene which is lightweight, easy to install, has excellent corrosion resistance characteristics and is very cost effective.



MHG Procon HT225



The boilers themselves are easily maneuvered into place using a built-in mini-wheel arrangement which is fitted at the rear of each boiler and with dimensions of only 680 mm wide x 1050 mm deep x 1,520 mm high, they can easily fit through any standard door frame.

A hotel of this size needs to ensure that there is an ample supply of domestic hot water during those peak demand hours while ensuring that operating costs will be kept to a minimum so that they can offer real value for money to their clients. Thankfully, the system meets these exacting criteria.

MHG Procon HT225



TML 100 Litre Calorifiers



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