



Waterco Case Study

Langley Park Hotel (Buckinghamshire, UK)

Pool and spa solutions for luxury boutique hotel

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*says Ryan Fonda,
Aqua Platinum Projects managing director*

- HERITAGE-LISTED SITE REBURBISHED AS LUXURY WELLNESS DESTINATION
- WATERCO PROVIDES HIGH-PERFORMANCE COMMERCIAL MICRON FILTERS AND PUMPS
- RELIABLE POOL AND SPA SOLUTIONS FOR FIVE-STAR LUXURY HOTEL RESORT

Setting: Grade II* listed grand country manor in English countryside

Designed by influential British architect Stiff Leadbetter, the 17th Century Langley Park House is a historic Palladian mansion – and former country estate of the third Duke of Marlborough – located in South Buckinghamshire.

Having been vacant for over a decade, it has been given a new lease of life by Gibbard architectural firm, which has transformed the Grade II* listed site into the 5 Star Langley Park Hotel.

The £30 million landmark development features a major subterranean extension to provide a luxury, full-service spa and swimming pool facility fitted with Waterco's world-class commercial filtration solutions.

Challenge: Creating modern pool and spa facilities in a historic building

Transforming a heritage-listed site into a destination wellness retreat requires filtration solutions that are not only hard wearing and reliable but also enhance the quality of the water, as opposed to merely filtering it.

With vast knowledge in designing and constructing a variety of luxury wellness features, Aqua Platinum Projects understand the requirements that are necessary to create a high-quality facility with incredible functionality whilst also ensuring the user experiences ultimate relaxation.

“With a project of this calibre it is imperative that the filtration system is of the very highest quality and can continue to produce consistently superior results,” says Aqua Platinum Projects managing director, Ryan Fonda. “That’s why we only use and recommend Waterco filtration and pumps for all our installations, particularly for high profile projects of this type.”



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Solution: Waterco's commercial pool and spa filtration solutions

Knowing that the globally renowned water filtration specialists at Waterco have been manufacturing and supplying equipment for over 30 years – all over the world and in many different applications – meant that the team at Aqua Platinum Projects had full confidence in both the supply, quality of the product, and impeccable after-sales service.



The Langley Spa, a world-class wellness centre will feature an indoor and outdoor pool, thermal area and five expansive treatment rooms.



Working in conjunction with their preferred distributor, [Paramount Products](#), Ryan's team installed the following Waterco equipment in the Langley Park Hotel:

18m x 6m (130m³) indoor swimming pool

2 x [SMD1400 Micron Commercial Fibreglass Filters](#)

2 x [Hydrostar 5.5HP pumps](#)

15 x 5m (90m³) outdoor swimming pool

2 x [SMD1400 Micron Commercial Fibreglass Filters](#)

3 x [Hydrostar 4HP pumps \(2 duty and 1 standby\)](#)



"Waterco's commercial filters and pumps provide high-quality pool and spa water for guests, and a low maintenance solution for staff," says Ryan.

4.5m x 2.8m (12.5m³) Female Vitality Spa - fully tiled with multiple jets, hydro station and air lounger

2 x [SMDD900 Micron Commercial Fibreglass Filters](#)

2 x [Hydrostar 4HP pumps for circulation](#)

2 x [Hydrostar 3HP pumps for the multiple spa jets](#)

1 x [Hydrostar 1HP pump for the Hydro Station](#)



Full-service spa and swimming pool facility fitted with Waterco's commercial pumps and filters.



Waterco commercial pumps are corrosion resistant thermoplastic pumps, purpose built for commercial swimming pools.

2.5 x 3.1m (7m³) VIP Spa - fully tiled with multiple jets, hydro station and air lounger

2 x SMD1050 Micron Commercial Fibreglass Filters

2 x Hydrostar 3HP circulating pumps

2 x Hydrostar 3HP pumps for the jet station

3.5m x 4m (18m³) Mixed Spa - fully tiled with multiple jets, hydro station and air lounger

2 x SMDD900 Micron Commercial Fibreglass Filters

2 x Hydrostar 7HP pumps circulating pumps

4 x Hydrostorm Plus 4HP pumps for the jet station

2 x Hydrostorm Plus 1HP pumps for the Hydro Station

“Waterco’s commercial filters and pumps provide high-quality pool and spa water for guests, and a low maintenance solution for staff,” says Ryan.



Conclusion: Reliable filtration solutions for the best spa facilities in the UK

The Langley Park is the Luxury Collection’s fifth hotel in the UK, which include hotels such as the Wellesley Knightsbridge, Westbury and Park Tower hotels in London. Worldwide, the brand has more than 100 hotels.

“The whole estate is steeped in rich history and heritage, so we were particularly excited to be part of this landmark refurbishment,” says Waterco Europe’s CEO Tony Fisher. “This incredible building is set to be the most exclusive hotel in Berkshire, with the best spa facilities in the UK, making it the perfect place to showcase Waterco’s commercial filtration innovations.”

www.aquaplatinumprojects.co.uk

www.waterco.com

www.paramountpools.co.uk