

Case | Shunde, China

Luxury hotel cuts energy in half and keeps comfort at 100%

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The situation

To understand why Midea used Grundfos pumps in its 5-star Marriott hotel in Shunde, China, we have to go back to when the Fortune 500 company was not using Grundfos pumps in its buildings.

In 2010, Midea renovated its headquarters in Shunde, a district of Foshan in southern China. The company used another brand of pumps. By 2011, high electricity costs, high noise and other problems from those pumps encouraged the owners to look for a better solution. They installed Grundfos, which immediately cut their running costs in half. Midea was impressed, so afterwards has continually chosen Grundfos for other buildings.

These include the Midea Times Square in Zhuzhou and its first hotel investment, the Midea Marriott Hotel in Shunde, says James Zou, Sales Manager, Grundfos Pumps (Shanghai) Co., Ltd.

The solution

The 28-floor, 258-room Midea Marriott Hotel in Shunde opened in 2014. It has two heating, ventilation and air-conditioner (HVAC) technical rooms, two rooms for water boosting and one boiler room, according to Feng Zhen, the building's Vice Chief Engineer.

“Marriott is widely recognized as a major international brand. Thus, we have quite a high requirement for our hotel facilities,” says Feng Zhen. He adds that all the HVAC, boosting and other pumping equipment are from Grundfos, and they have not had problems in operation.

“Grundfos would be my first choice of pumps for any new projects.”

Li Da, Chief Engineer
Midea Marriott Hotel, Shunde, China



The Midea Marriott Hotel in Shunde, China, chose Grundfos pumps for water boosting, HVAC and boilers. Pictured: James Zou, Sales Manager, Grundfos Pumps (Shanghai) Co., Ltd.



James Zou, Sales Manager, Grundfos Pumps (Shanghai) Co., Ltd. at the Midea Marriott Hotel, Shunde, China

“For hot and cold water booster systems, Grundfos only needs one set, while other brands need two separate sets. This means we could save half the energy by adopting Grundfos products. We are quite satisfied.”

The outcome

Chief Engineer of Midea Marriott Hotel Li Da says, “Grundfos pumps – especially the E-pumps – have the advantage of great stability and low repair rate. Since opening in 2014, we have never done any repair work with these pumps. This has saved costs for the hotel.”

He adds, “We are aware that the customer would like to experience the best by choosing Marriott. There are some comments from customers that we do not have the imbalance of hot and cold water like other hotels. And this is due to the Grundfos pumps. Moreover, it is quite worthy to mention that Grundfos has very good after-sales service and a quick response speed. Grundfos would be my first choice of pumps for any new projects,” says Li Da.

Grundfos supplied

Midea Marriott Hotel’s Chief Engineer Li Da says of the Hydro Multi-E booster: “Grundfos pumps – especially the E-pumps – have the advantage of great stability and low repair rate.”

Topic: Secondary water supply, boosting, wastewater for 28-floor luxury hotel

Location: Shunde, China

Company: Midea Marriott Hotel

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Grundfos Holding A/S
Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Tel: +45 87 50 14 00
www.grundfos.com

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