



Installation details

Location: Furama Hotel Dalian
www.furamahoteldalian.com

Model/Area: **Vulcan S25** installed on the inlet pipe of the hot water volumetric heat exchanger on the 31st floor of the West Building to solve the scale problem on the 12th to 25th floors.

Scale problems: Rusty water from the hot water pipes for bathing, scale build-up on the surface of the shower heads in the guest room, scaling of fins in heat exchangers.

Installer: Dalian Jiayifang
www.vulcan-jiayifang.com



Vulcan S25 installed on DN80 copper pipe.

Visible results after 10 months – before and after

Heating elements in the heat exchanger



Before



Before

The hard scale between the fins affected the heat transfer efficiency and rusting caused problems with rusty water.



After



After

The fins were not cleaned before installing the Vulcan S25. 10 months later, the hard scale between the fins was removed and some areas were clean and even revealed the original colour of the copper tube. Vulcan has improved the water quality and saved energy and manual cleaning costs.

Shower heads



Before

After using shower heads, a layer of scale would build up on the surface, giving it a dirty look.



After

No more scale build-up on the surface of the shower heads, and the water outlet is no longer blocked, which saves the cost of replacing and cleaning nozzle.