CONDOMINIUM
MỸ ĐÌNH PEARL

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INSTALLATION DETAILS

Location: My Dinh Pearl Complex in Hanoi, Vietnam

Vulcan Model: The Vulcan Anti-Scale System covers the cooling water, chiller, and domestic water supply systems:

Vulcan X-Pro1 Anti-Scale System installed on the cooling system

Vulcan 2x S500 Anti-Scale System installed on installed on Primary and secondary chiller systems

Vulcan S50 Anti-Scale System installed on domestic water supply system

Purpose: The Vulcan system was installed from the initial stage of the project to help reduce operating costs and provide an environmentally friendly solution for the building's water and cooling systems.

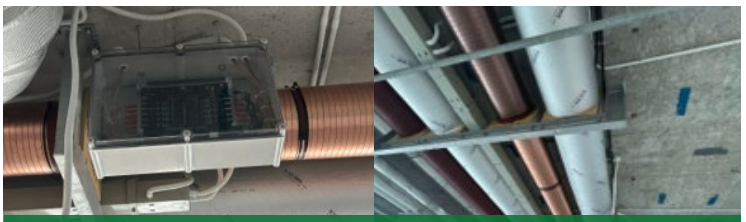
Installed by: Chuc Hien Dat (www.chuchiendat.com)

ABOUT MY DINH PEARL

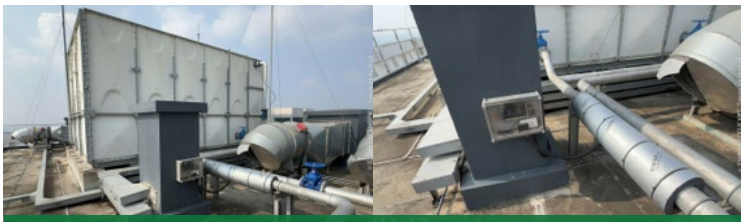
My Dinh Pearl is a luxury housing complex in western Hanoi, developed by SSG Group. The project covers around 15,993 m² and consists of two 38-storey towers connected by two basement levels. The first and second floors are dedicated to shopping facilities, while floors 3 to 38 are luxury apartments.

The cooling water system uses the **Vulcan X-Pro1**

The primary chiller system from Basement uses the **Vulcan S500**



The secondary chiller system uses the **Vulcan S500**



The domestic water supply system uses the **Vulcan S50**

RESULTS

After three months of operation, the Daikin chiller recorded a Condenser Approach Temperature (CAT) of 1.7°C. The project carries out cooling tower cleaning every three months. Following cleaning, the CAT was expected to potentially decrease to below 1°C.
The project operations team expressed strong appreciation for the equipment's effectiveness and described Vulcan as an excellent solution.