



Acacia Hotel, Manila, Philippines

The Acacia Hotel is a five-star Hotel locating in Alabang, Manila.

Acacia Hotel Manila exhibits the excellence of a homegrown brand that is deeply rooted in passion, excellence, and service.

The hotel prides itself in creating an atmosphere of hospitality and exemplary service.



Like other hotels, they use chiller systems with cooling towers to provide cool air for whole hotel. And with hard water, they have problems with scale in the heat exchanger and they have used chemicals to solve.

With a desire to replace chemicals, they are looking for physical water treatments and find Vulcan. **After installing Vulcan S500 unit, their heat exchanger always stays clean without any chemicals.**

Here is the comment of the chief engineer: "The results are positive. We have recorded condenser approach value for 2 to 6 months after cleaning the tubes of the condenser, and there was a significant decrease on our chillers' condenser approaches. Our cooling towers remained clean and some of the stock-up and passing valves are now usable. As regards the performance of the unit, we found it works well."

Model: Vulcan S500

Installation Location:

Main water supply of the cooling tower

Purpose:

- Clean scale deposit
- Prevent scale
- Reduce maintenance costs
- Replace chemical treatment and softener systems

Before Vulcan installation:

- Scale deposits in the heat exchanger
- Pipes clog

After Vulcan installation:

- Chiller and cooling tower stay clean
- No need to use chemicals



Vulcan S500 on cooling tower water pipe



Chiller #3 Condenser
Ø 67 cm, tube Ø 7/8", length: 418 cm



inside the tube



inside the tube

