

## Installation details

<b>Model:</b>	Vulcan S100
<b>Installation Area:</b>	cooling tower in a medicine factory
<b>Circulation Water Capacity:</b>	100 m <sup>3</sup> /h
<b>Pipe Diameter:</b>	150 A



The cooling tower roof of medicine factory

### The purpose:

1. Prevents from scale
2. Prevents from heat exchanger effectiveness loss
3. Cleaning maintenance cost of plate heat exchanger can be reduced

### The effect:

After Vulcan was installed for some months, the scale in the cooling tower, plate heat exchanger and the pipe become soft; and it can be removed easily with a finger.



Vulcan S100 installation

## Cooling Tower Grid



Before Vulcan was installed: the outside of the cooling tower.



After Vulcan was installed for 5 months: the scale can be removed easily with a finger.



Before Vulcan was installed: the inside of the cooling tower.



After Vulcan was installed for 5 months: the scale has been reduced.

## Plate Heat Exchanger



After Vulcan was installed for 9 months: ready open the plate heat exchanger and clean.



After Vulcan was installed for 9 months: the plate heat exchanger was taken apart for cleaning.



The scale on the plate heat exchanger becomes soft.



The scale can be easily removed.

## Circulation Pipe



Circulation pipe



The scale in the circulation pipe can also be easily removed with a finger.