

MÖVENPICK RESORT CAM RANH

FOCUS PROJECT

CALEFFI
Hydronic Solutions

PICVs COMBINED WITH MAGNETIC DIRT SEPARATORS

CONSTRUCTION SITE:

Facing the beachfront, Mövenpick Resort Cam Ranh offers 5-star accommodation with 500 well-appointed rooms, individual pool villas and apartments.

It also features a 2000sqm event space, fitness centre, bar, 1000sqm Spa and private beach area.

This property also welcomes guests with a restaurant, a water park and a year-round outdoor pool.

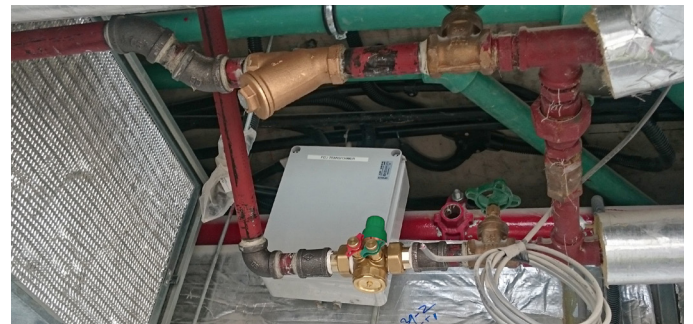
The resort offers views across the 17km long white sand beach, considered one of the jewels of Vietnam's vast coastline.

DESIGN COMPANY: CEBI VIETNAM Co. LTD

CONTRACTOR: Nam Thinh MER Corp

LOCATION: Cam Ranh (Vietnam)

IN GOOD WATERS



INSTALLATION DETAILS:

In this luxury hotel the regulation of the chilled water and the management of the whole air conditioning system is entrusted to PICV Caleffi 145 and 146 Series. Each single unit operation can be modulated by the BMS in order to achieve the maximum efficiency possible.

The comfort and the safety in the plumbing system is ensured by the presence of Caleffi 535, 536 and 576 Series Pressure Reducing Valves. The regulation of the domestic water temperature and the management of the thermal disinfection of the whole system is entrusted to LEGIOMIX 6000 series electronic mixing valves that may have different settings depending on the area it is dedicated to. Each unit, furthermore, is set to carry the thermal disinfection of the system with scheduled timing and temperature. This way the users are protected from Legionella bacteria and the system is considered safe.

PRODUCT FEATURES:

Pressure independent control valves (PICV) are automatic flow rate regulators and control valves, installed in HVAC systems. They modulate the flow rate according to the actual load of the circuit where they are installed, ensuring accuracy, comfort and energy saving.

Deaerators-dirt separators are used to continuously eliminate the air and dirt contained in the hydraulic circuits of cooling systems, enabling the equipment to operate free from any noise, corrosion or mechanical damage.

Pressure reducing valves are devices that reduce and stabilise the pressure of the water entering from the main network, ensuring safety and stability to the final users.

Electronic mixing valves with programmable thermal disinfection guarantee and maintain the temperature of the domestic hot water delivered to the users. They control all the settings and also manage circuit thermal disinfection against Legionella bacteria.

