

# SWISSÔTEL THE STAMFORD SINGAPORE

FOCUS PROJECT

**CALEFFI**  
Hydronic Solutions

## PRE-ADJUSTABLE PRVS WITH SELF-CONTAINED CARTRIDGE

**CONSTRUCTION SITE:** Swissôtel The Stamford is a five-star Singapore's Leading Business Hotel and one of the tallest hotels in Southeast Asia. The 1,261 guestrooms and suites with private balconies provide breathtaking views of Singapore's cityscape and nearby islands of Malaysia and Indonesia.

Here shopping, dining, entertainment and business opportunities are fully satisfied by the 70,000 square feet Raffles City Convention

Centre, the top-quality 15 restaurants and bars and a magnificent huge Ballroom.

**DESIGNER COMPANY:** CUNDALL SINGAPORE PTE LTD

**CONTRACTOR:** Markpoint Pte Ltd

**LOCATION:** Singapore (REPUBLIC OF SINGAPORE)

### PRV for the luxury hotel vital system protection



#### INSTALLATION DETAILS:

*In a 5-star hotel the domestic problems on water supply are never allowed neither accepted. Flow rate, temperature, pressure fluctuation and safety need accurate control to guarantee the best comfort to the hotel's guests. Among the main parameters to focus on, water pressure is the most important: avoiding huge fluctuations during the day when the demand is variable is a big challenge. From the technical point of view Caleffi is the reliable partner manufacturing high-quality products for over five decades. Pressure control is guaranteed by the pre-adjustable PRV installation. In order to achieve the best performance, Swissotel Stamford's property decided to replace the old PRVs already installed in the main risers with smaller high quality peripheral units Caleffi branded. This way pressure is controlled with accuracy and reactivity in both cold and hot sanitary water lines.*

#### PRODUCT FEATURES:

Pressure reducing valves reduce and stabilise the inlet pressure from the water mains. In fact, the domestic systems inlet pressure is often too high and variable to work properly. The 5350..H series benefits from a pre-adjustment facility: they can be set before installation thanks to an adjustment knob showing the pressure setting options. Later, the system pressure will automatically fit the set value. The internal self-contained cartridge is also supplied pre-assembled to make it easy to check and maintain. This specific series of pressure reducing valves is certified according to the EN 1567 standard for operating with inlet water temperatures of up to 80°C.

