Climate control in an aesthetically demanding penthouse

The Vitrum touch panel fulfills the high design requirements of the Milanese architect

For the realisation of the application, the Vitrum touch panel in the Glass Collection version has been selected.

VITRUM *Functionality and design need not be in contradiction. The Italian manufacturer Vitrum has succeeded in developing HVAC solutions, which fit into aesthetically demanding environments, including all the functions of temperature management: Heating, Ventilation and Air Conditioning in home environments (HVAC).*

The penthouse in the centre of Milan (Italy) has been the perfect match between the aesthetic needs of the architect and the user-friendliness required by the owner. The integrators who installed the Vitrum Clima Control devices in all the environments of the apartment, like the temperature probe feature, fully integrated in the device, speaking with the entire KNX system to guarantee the perfect temperature condition and savings. "Vitrum Clima Control is simplified to the extreme to make the user experience easy and intuitive for anyone who approaches the device" said the architect. "This defines the real user experience and the company's philosophy and motto: Think Simple". When you approach the device, thanks to the proximity sensor, it tells you the detected temperature. This feature has been loved by the owner of the apartment who is impressed by the reaction of the device. His words definitely avoid any misunderstandings: "This gives you the chance on the one hand to avoid waste and on the other hand stops you from having to get up in the dark to make adjustments, because I hate when I'm trying to go to sleep and something's been left on".

With a simple gesture you can adjust the temperature in the home environment and with a dedicated button set the speed of the air distribution fans.

During the installation, the customer and the architects followed all the programming of the Vitrum devices, configuring the functions of the third button available on the Clima Control device as required: calling up complex scenarios – including lighting or shutters – depending on the room. This full customisation of the devices was appreciated by the architect who could configure the colour of each button to better recognise its functionalities (e. g. magenta was adopted for the lighting scenario buttons, while the green was used to recognise if the time features were activated) or even to better match the architectural environment. Not all the functionalities have been used: you can even set the intensity of the low-consumption LED .

In this application Vitrum KNX Series was installed in the common Italian wall boxes. The installer has simply connected the 2-way KNX bus to the devices, secured the device to the wall box and applied the desired Vitrum Glass Collection aesthetic component (it is possible to choose between three different collections: Glass Collection, Tech Collection or Sense). Vitrum Clima Control was connected to Vitrum DIN rail modules for the management of fan coils with valves 0 – 10 V (but it is available even for ON / OFF 230 V).

Contact: www.vitrum.com