

# HVAC MODULE



Technology

Few ideas Make the change

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It's time for smart living





# STATE-OF-THE-ART TECHNOLOGY FOR UTMOST COMFORT

The TIS Company aims to design solutions that outperform customers' smart needs. Our HVAC Module is one such design, with many efficient features to bring you comfort wherever you are. It is a smart solution for controlling duct split systems for HVAC, VAV 0-10V dampers, and air handling units (AHU).

This module has 6 relays to control multiple fan speeds (low, medium, high), cooling, heating, and auxiliary contact. Keep in mind that the auxiliary contact can be configured for both a dehumidifier and/or heating/cooling pump. These secondary switching devices can perform a second cooling/heating stage. For example, a two-stage AC offers two levels: high and low. It runs at full capacity when you need it to and at a lower level when you don't. (The HVAC Module makes the AC work at its highest speed on hot summer days and at the lower speed on mild spring days).







The HVAC Module is also equipped with an external temperature sensor that helps when it's working with other wall thermostats such as the Luna panel. It can function as a stand-alone room heating calculator as well (it shows the average temperature in a room). This means that the HVAC Module installed in your bedroom can be linked to the Luna panel in the living room. As the result, both rooms are warmed based on their scale, and no one is overheated.

This feature makes the HVAC Module a very practical device for commercial projects, such as malls and restaurants. There is no need for wall thermostats in these areas.

This smart module also maintains a record of its energy consumption that shows the timespan (hourly) for an electrical device's performance.

It also has a scheduler, which enables time-specific actions. For instance, you can set the HVAC Module to dehumidify your home when it's hazy or

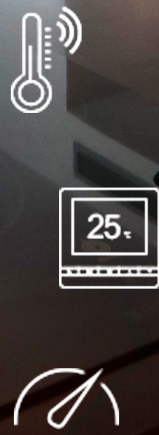




Additionally, since this module can be configured with the TIS-Bus Protocol, there are no limitations to your control. For example, you can set the ventilation and AC system in your indoor luxury spa room to work based on the temperature that you find suitable.

Also, you can use its two-sided buttons for testing and manual control in emergencies.

Our HVAC Module is here to let you enjoy the latest innovations in the smart digital world







T e c h n o l o g y

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