

Features



6 Selectable Operation Modes

Six operation modes (Cool, Heat, Fan, Dry, Auto, Auxiliary Heat) are available and can be individually enabled or disabled to meet specific HVAC system application requirements.



Timer Functions

ThermoPad supports Weekly and Sleep Timers. Weekly Timer allows to program the unit for up to 50 operations based on a weekly schedule. The Sleep Timer allows turning the unit on/off, once, after defined time period.



Fan Speed control

ThermoPad allows selecting 4 steps of fan speed: High, Medium, Low and Auto. It also enables to turn the Swing ON or OFF for air conditioning units that can support this function.



Controlling Additional Heating Applications

When using “Auxiliary Heat” mode ThermoPad can be used for controlling additional heating, such as heating with electrical heaters or underfloor heating, using its on board programmable Digital/Analog PWM outputs.



Communication

ThermoPad is fully controllable over RS485 network using standard ModBus RTU protocol or propitiatory ASCII interface. In the future **ThermoPad** will be available with C-Bus and EIB support.



Leave Home

The Leave Home function is provided for energy conservation purposes. The function enables to raise/drop the set point temperature by 2 degrees when the air conditioned space is not used for a short time periods.



Multiple Indoors Control

ThermoPad enables full individual control of 1 indoor unit, Or group of indoor units for simultaneous operation (8-to 16 indoors, depending on the manufacturer).



Smart Back Light

ThermoPad is equipped with Back Light. It is being lit for a few seconds on every touch. The Back Light is available in a number colors on demand. (Green, Blue and others)



Selectable Error code format

For each A/C manufacturer, the system malfunction is represented by a unique Error Code in a specific format. The **ThermoPad** is able to show the Error Code in a system compatible format.



IR Remote Control

ThermoPad has an option of using an external IR remote control for operation and service maintenance (like firmware update).