

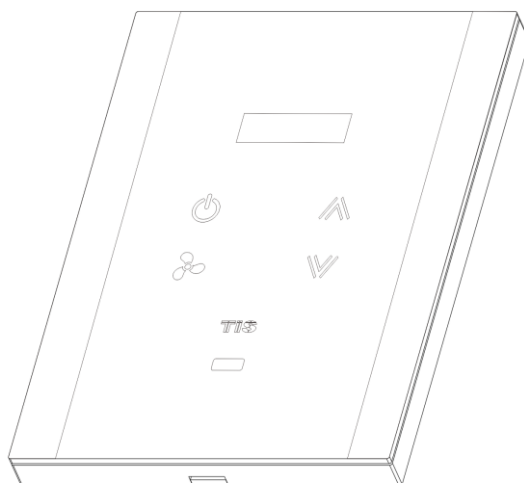


TIS Venera AC Thermostat

Venera Touch Panel

Model: VEN-AC-3S-HC

Data Sheet Rev 1.1



Safety instructions

Electrical equipment may only be installed and fitted by electrically skilled persons. Failure to observe the instructions may cause damage to the device and other hazards. These instructions are an integral part of the product, and must remain with the end customer.

Basic information

This device is a product of the TIS AIR System. It is a wall mount touch Panel Thermostat with 3 Relay switches that can be programmed to control 3 Fan speeds, or cool, heat, Fan switch.

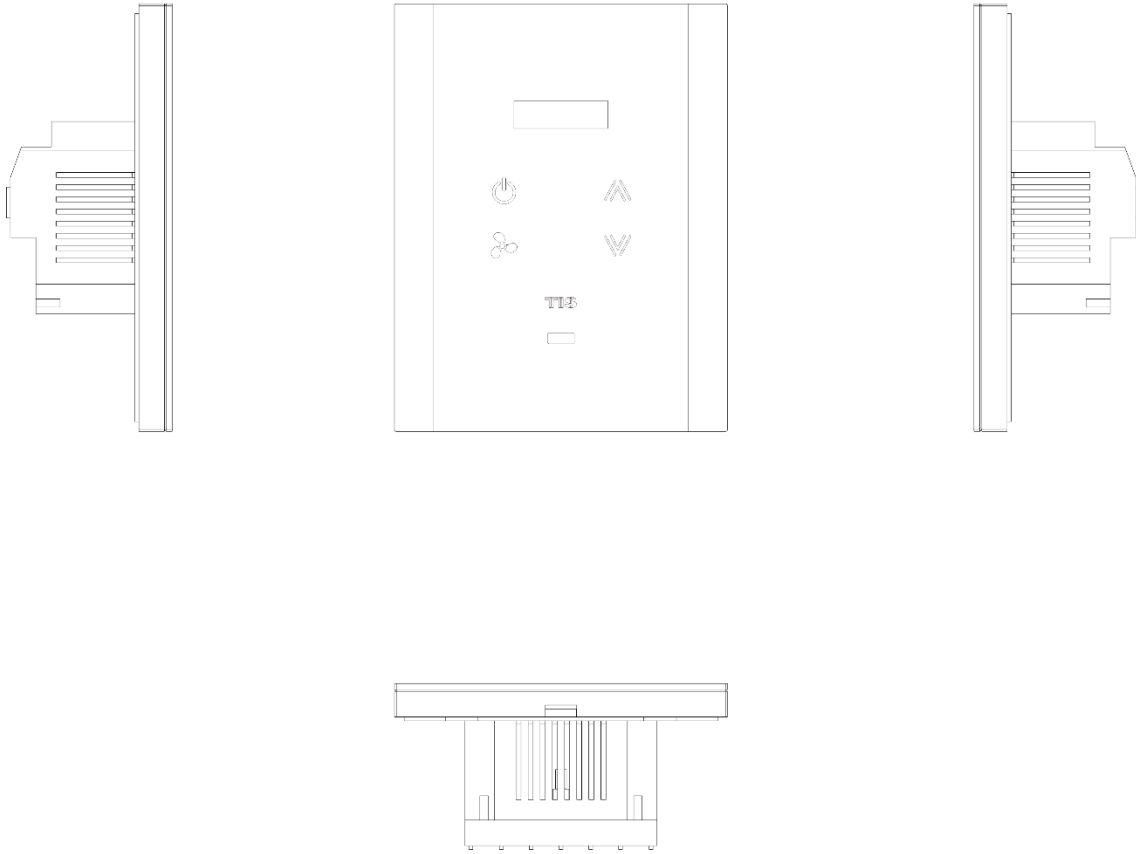
Technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install device. Advanced Programming knowledge about software obtained in the advanced training courses.

Intended use

To Air condition.

Product Characteristics

Power supply	Input Voltage Output Power Protection Current consumption	80-240 VAC 50/60 Hz 3W / 12V Built in Protection fuse 10-30 mA / 12 V DC
Outputs	Number of channels Nominal voltage Nominal current per channel	3 relay for Compressor, heat, fan control 0 – 230 V AC 50/60 Hz 8 A / 230 VAC
Output switching current	Max switching current Max Continues current Max. switching Voltage	10A/230 VAC Resistive 6A/230 VAC florescent 8A/230 VAC 277VAC / 30VDC
Output service life	Mechanical Endurance	> 10,000,000 OPS
Output switching times	Operating time Releasing time Max. operating frequency	8mS (at nomi. Volt) 5 mS (at nomi. Volt) 25 cycle/min
TIS AIR	WIFI Signal Protocol Standard	2.4 GHz 802.11 b/g/n
Reaction time		approx. 30ms
Mounting	Wall mount	To US EU or UK junction box size.
Operating and display elements	Display touch buttons Temp sensor Infrared Receiver Backlight TIS AIR Upgrading	0.9 inch OLED Screen 5 touch Capacitive buttons for control ... Built in Resistive Temp Sensor Control it by TIS Remote control 2 colors Backlight indicators TIS Protocol massages and commands By WIFI Connection
Weight	Without packaging	21 g
Dimensions	Width x length x height	85mm * 109mm * 42mm
Housing	Materials Internal Parts color IP rating	PC anti fire / Glass in front Black or White IP 50
Temperature range	Operation Storage Transport	-10...60°C -20...50°C -25...75°C
Air humidity		<80% non-condensing



Warranty

We provide a warranty as provided for by law.

Product serial number is provided by each device.

Please send the description of the defect with Product S/N to our dealer network.

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