OVERVIEW

This WIFI-enabled wall thermostat consists of four touch buttons with intelligible icons and an elegant 1" OLED screen that displays the current indoor/outdoor temperatures and fan speed.

Simply replace your old thermostat switch with this newly engineered device, connect it to the Internet, and control your home temperature efficiently.

KEY BENEFITS

+ Good for Utilizing as High-Voltage 110 /230V Thermostat
+ Built-in Wi-Fi for Direct Connection to the Internet
+ Ducted AC Control
+ Local/Remote Control via TIS App
+ Works with TIS Remote Control

KEY FEATURES

★ Wall mount, Touch Panel with 4 Buttons and OLED Screen
★ Built-in Temperature Sensor
★ Works with the TIS-BUS Protocol
★ Available in 2 Glass Colors: Black and White
★ Fits in all Standard Electrical back boxes (US, UK, EU sizes)

VENERA
SERIES

CE RoHS COMPLIANT PG+ C FC

BARCODE (UPC-A)

6 58921 79604 7

VENERA TOUCH PANEL
Venera AC Thermostat
Model: VEN-AC-4R-HC

TIS

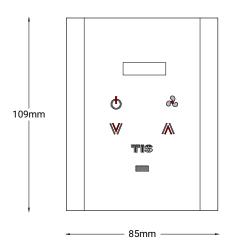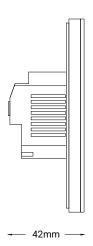| PRODUCT SPECIFICATIONS		
⚡ **Power Supply**	Input Voltage Output Power Protection Current consumption	110-240 VAC 50/60 Hz 3W / 12V Built-in protection fuse 10-30 mA / 12 V DC
Output	Number of channels Nominal voltage Nominal current per channel	4 relays for cool, heat and fan speed control 110– 230 V AC 50/60 Hz 3 A / 230 VAC
Output switching current	Max Continues current Max. switching Voltage	3A/230 VAC 277VAC / 30VDC
Output service life	Mechanical Endurance	> 10,000,000 OPS
Output switching times	Operating time Releasing time Max. operating frequency	8 mS (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 4 Touch Capacitive Control Buttons Built-in Resistive Temp Sensor Controlled by TIS Remote Control 2 Colors Backlight Indicators TIS Protocol Messages & Commands By WIFI Connection
Weight	Without packaging	21 g
Dimensions	Length × Width × Height	85mm × 42mm × 109mm
Housing	Materials Internal Parts color IP rating	PC fire-proof / 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

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TIS

109mm

85mm

42mm

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