



VENERA TOUCH PANEL

VENERA AC THERMOSTAT

Data Sheet Rev 3.1

Model: VEN-AC-3R-HC



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
- + Work with TIS Remote Control

KEY FEATURES

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



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PRODUCT SPECIFICATIONS

	Power Supply	Input Voltage	110-240 VAC 50/60 Hz
		Output Power	3W / 12V
		Protection	Built-in protection fuse
		Current consumption	10-30 mA / 12 V DC
	Output	Number of channels	3 relays for cool, heat, fan control
		Nominal voltage	110– 230 V AC 50/60 Hz
		Nominal current per channel	8 A / 230 VAC
	Output switching current	Max Continues Current	8A/230 VAC
		Max. Switching Voltage	277VAC / 30VDC
	Output service life	Mechanical Endurance	> 10,000,000 OPS
	Output switching times	Operating time	8mS (at nomi. Volt)
		Releasing time	5 mS (at nomi. Volt)
		Max. operating frequency	25 cycle/min
	TIS AIR	WIFI Signal	2.4 GHz
		Protocol Standard	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	0.9-inch OLED Screen
		touch buttons	4 touch Capacitive Control Buttons
		Temp sensor	Built-in Resistive Temp Sensor
		Infrared Receiver	Controlled by TIS Remote Control
		Backlight	2 colors Backlight indicators
		TIS AIR	TIS Protocol Messages & Commands
		Upgrading	By WIFI Connection
	Weight	Without packaging	21 g
	Dimensions	Length x Width x Height	85mm x 42mm x 109mm
	Housing	Materials	PC fire-proof/ Glass in front
		Internal Parts color	Black or White
		IP rating	IP 50
	Temperature range	Operation	-10...60°C
		Storage	-20...50°C
		Transport	-25...75°C
	Air humidity		<80% non-condensing



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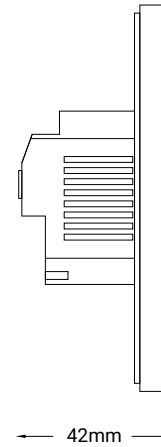
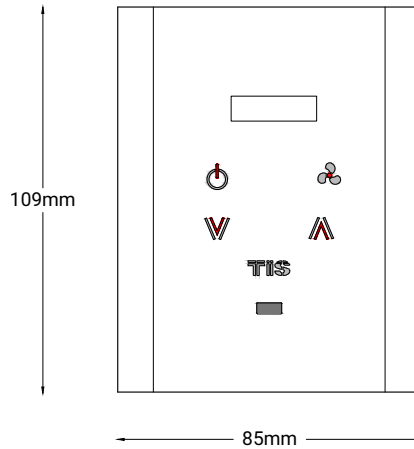
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