



# KLEVER HOSPITALITY THERMOSTAT

KHT-V01



## The next generation of energy efficiency and comfort

The **Klever Thermostat** offers comfort and efficiency and can save up to 40% of in-room energy costs by lowering guestroom HVAC energy usage based on guest occupancy\*

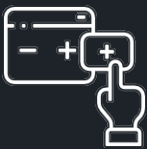
The Klever Hospitality system is designed to detect occupancy and keep energy costs low, all while providing seamless comfort and convenience to guests. The system communicates with a range of technologies from property management systems to in-room voice control and more. Kleverness can track room status, energy usage, lighting, temperature and more - all of which helps you proactively deliver an amazing guest experience



### Applications

- Standalone HVAC Control - For humidity and temperature
- Standalone Energy Management - Optimizes in-room energy usage based on occupancy detection by means of compatible motion and door sensors
- Networked Energy Management - Optimizes in-room energy usage based on occupancy detection with compatible sensors
- Centrally controlled and monitored using Kleverness software or third-party integrations

### Features & Benefits



- Attractive 4.3" Color Touch Screen Operation
- Adjustable Heat, Cool, Heat/Cool, Fan Mode control
- Adjustable Manual 3-speed and automatic fan speed control
- Weekly programmable



- Compatible with Kleverness smart lighting system



- Sends real-time data to management software (reporting, monitoring, energy control and maintenance)

*\*Based on HVAC runtime reduction optimized by occupancy detection with compatible sensors*



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One easy install can  
make all the difference



## Features

- Digital LCD display room temperature and set point
- Cool/Heat/Fan Mode Control
- 3-Fan Speeds Select & Auto Fan
- 0-10V for valve control/fan speed control (Optional)
- 2 pipe or 4 pipe system
- Clock(Optional)
- Keycard (Optional)
- External sensor (Optional)
- Modbus (Optional)
- Bacnet (Optional)
- WIFI Function (Optional)

## Display

- 4.3" full-color LCD touch screen

## Product Dimension

Height: 87mm  
Width: 30mm  
Depth: 49mm

## Technical Specifications

Supply Voltage	AC24V; AC85-260V/AC24V, 50/60Hz
Thermostat Output	SPST replay for 2-pipe models 2SPST replay for 4-pipe models
Setpoint Range	Default 5~35°C
Accuracy	±1°C
Backlight	White
Control Performance	ON/OFF control or Modulating
Temperature Sensor	NTC 10K
Switch Current Rating	5A (Resistive), 2A (Inductive)
Operating Environment	0~45°C
Humidity	5~95% RH (non-condensing)
Cover	PC+ABS
Power Supply	24V/110V/240V
Mounting	Embedded mounting, standard 86*86 junction box (hole pitch: 60mm)
Protection	IP30