

# HL107 Series Thermostats



## General

- HL107 series thermostats are designed to control the room temperature in industrial, commercial and residential environment via controlling the fan coil units (with or without motorized valve), dampers, diffuser etc.
- The thermostat controls the valve to reach the desired setpoint temperature.



## Model No.

Model	Control Mode		Fan 3-speed	Application					Heat /Cool Cycling Fan
	Heat	Cool		Manual	Damper	2-Pipe fan coil	4-Pipe fan coil	2- wire Motorized Valve	
HL107Y	✓	✓		✓					
HL107C		✓	✓		✓		✓		
HL107C2		✓	✓		✓			✓	
HL107DA	✓	✓	✓		✓		✓		
HL107DA2	✓	✓	✓		✓		✓	✓	✓
HL107DB	✓	✓	✓				✓		✓
HL107DB2	✓	✓	✓				✓	✓	
HL107FCV2	✓	✓	✓		✓	✓	✓		✓
HL107FCV2-DK	✓	✓	✓		✓	✓	✓	✓	✓

## Note

- HL107Y can only control damper to open or close
- When the temperatur reaches the set-point, thermostat will close the valve but keep the fan running for DA model, thermostate will close the valve and stop the fan running for DB model

## Specification

Temperature Range:	10~30°C adjustable	Operating Voltage:	220Vac ± 10%, 50/60Hz
Switching Differential:	± 1°C	Switch current rating:	0.8A run, 5A in rush
Operating Temperature:	0~45°C	Wiring Diameter:	0.5 ~ 2.5mm <sup>2</sup>
Operating Humidity:	5~90%RH	Dimension:	130 × 85 × 43mm(H × W × D)
Storage Temperature:	-10~60°C	Hole Pitch:	60mm
Power Consumption:	< 2W	Shell:	Fire Retardant ABS

## Features

- Manual switch to select work status and use knob to set the temperature.
- Fan speed selection
- Thermostats can be directly mounted on the wall