



## HL2028 Touch Screen Thermostat

### General

Brilliant thermostats is coming with Hailin brand new product HL2028! Cool all black surface design decorated by powerful "Hailin Key". We believe the visual impact and refreshing appearance will move you to a whole new world. The HL2028 series thermostats are stand-alone microprocessor based thermostats with LCD display. The thermostats are designed to on/off control the fans, valves, dampers or electric heaters in fan coil units air-conditioners and heating applications. Models are available for heating/ cooling/ ventilating control of 2- pipe or 4- pipe fan coil units.



### Features

- The screen will automatically show normal working interface when any one approaching
- Unprecedented design, top grade, Fashion
- Large screen LCD display
- Concise icon shown on LCD
- Hailin Key, one touch energy saving.
- Blue backlight (Optional)
- Save energy when it is in stands by model
- Keypad lock to avoid any mistake operations(Optional)

### Functions

- Detect and Display Room Temp
- Cool/ Heat/ Vent Mode Change Control
- Manual/ Auto Fan Speed
- Clock
- Room temperature setting.
- Cool, Heat and Vent
- 3 speed fan control auto/manual
- Timer on/off (-T, optional)
- 7 days 4 periods Programmable (-T74, optional)
- Model available for 85-260 VAC power input
- Easy installation

### Part No.

Model	Control Mode			Fan-3 Speed		Application					Control Capability	Sub- Feature			
	Heat	Cool	Vent	Manual	Auto	Damper	2-Pipe fan coil	4-Pipe fan coil	2- wire Motorized Valve	3- wire Motorized Valve	Cycling Fan	-Timer	-T74 Prog.	-L Backlit	-R IR
HL202 8Y	✓	✓				✓									
HL202 8DA	✓	✓	✓	✓	✓		✓		✓					Optional functions	
HL202 8DA2	✓	✓	✓	✓	✓		✓			✓					
HL202 8DB	✓	✓	✓	✓	✓		✓		✓		✓				
HL202 8DB2	✓	✓	✓	✓	✓		✓			✓	✓				
HL202 8FCV2	✓	✓	✓	✓	✓			✓	✓						

## Clima-Flex, S.A. de C.V.

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### Specifications

**Supply voltage:**

85-260 Vac, 50/60 Hz.

**Setpoint Range:**

5~35°C

**Setting Unit:**

1°F or 0.5°C / step

**Display Accuracy:**

± 1°F or 0.5°C

**Display:**

60X64 mm LCD Display.

**Operation:**

Touch Screen

**Mode Setting:**

Heating Cooling and Ventilating

**Fan Speed Adjust:**

High, Medium, Low and Automatic fan speed control.

Fan cycled running with thermostat.

**Control Performance**

ON/OFF control

**Differential:**

1°C/ 2°F

**Thermostat Output:**

SPST relay for 2-pipe models

2 SPST relay for 4-pipe models

**Switch current rating:**

Resistive: 2A Inductive: 1A

**Temperature Sensor:**

NTC Thermistor 100K

**Enclosure:**

Fireretardant PC A BS

**Minimum Operational Life:**

Thermostat contacts: 100, 000 cycles.

**Remote Controller (Optional):**

Infrared Remote Control

**Backlight function (Optional):**

6 seconds, blue light

**Dimensions:**

86 X 86 X 13 mm (W X H X D)

**Hole Pitch:**

60 mm

**Enviromentals Requirements:**

Operating Temperature Range 0~45°C,

Humidity Range 5~95% RH (non-Condensing)

**Mounting:**

Embedded Mounting, standard 86x86 mm junction box (hole pitch 60mm)

**Wiring:**

Screw interminals, each terminal capable of accepting

16 AWG 1.5 mm2 wires

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