

HL118 Series Thermostats

General

The HL118 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.

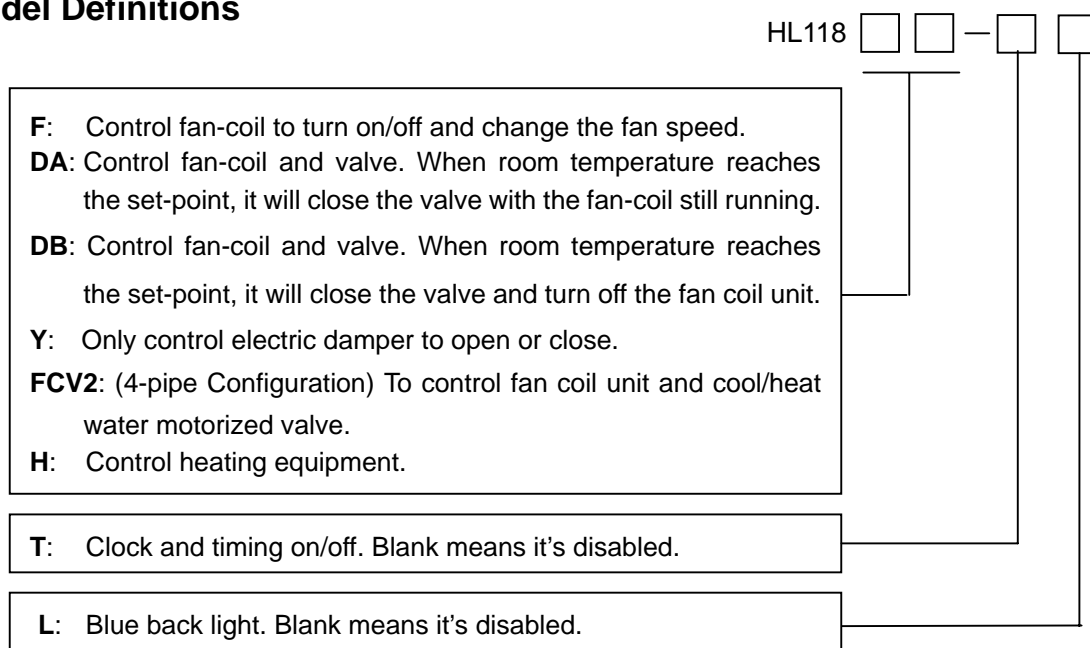
The fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



Features

- Attractive modern styling makes this thermostat ideal for locating in the occupied space
- Digital LCD display of room ambient temperature and user selected temperature setting on demand
- Adjustable heating/cooling/ventilating mode control
- Adjustable manual 3-speed or automatic fan speed control and on/off control output for valve
- Model available for cycling fan control
- Backlight function available(optional)
- Thermostat mounted directly onto a wall, no any part put inside the wall
- Model available for 120, 230 VAC power input also
- Reliable DC power supply by transformer
- Reliable output by relays

Model Definitions



Main Functions

Normal Functions:

- Room temperature setting
- Room temperature detection and display
- Manual or auto three-speed changeover
- Low temperature protection
- Temperature adjustment
- Heating and cooling changeover

Select Functions:

- Control electric damper to open or close
- Control fan coil and motorized valve
- Control fan coil unit

Specifications

Setting Range: 5 ~ 35

Accuracy: ± 0.5

Max Load:

Fan Coil: < 150W

Heating Equipment: < 2.5KW

Power Consumption: < 2W

Voltage: 220V(or any other volt.) $\pm 15\%$, 50/60Hz

Dimension: 86 x 127 x 31mm (W x H x D)

Hole Pitch: 60 mm (L & R) or 83.5 mm (Up & Low)

Display: LCD (60 x 36mm)

Installation



Wiring Diagrams

