

# Room Thermostat HD-Y307

## Instructions

### SPECIFICATIONS

Set-point Range: 5°C to 35°C

Display Accuracy:  $\pm 1^{\circ}\text{C}$

Switch Current Rating: < 3A

Sensing Element : NTC

Display: Large Character LCD

Power Supply: 220V  $\pm$  15% 50-60 Hz

Dimensions: 86 × 86 × 13.5 mm

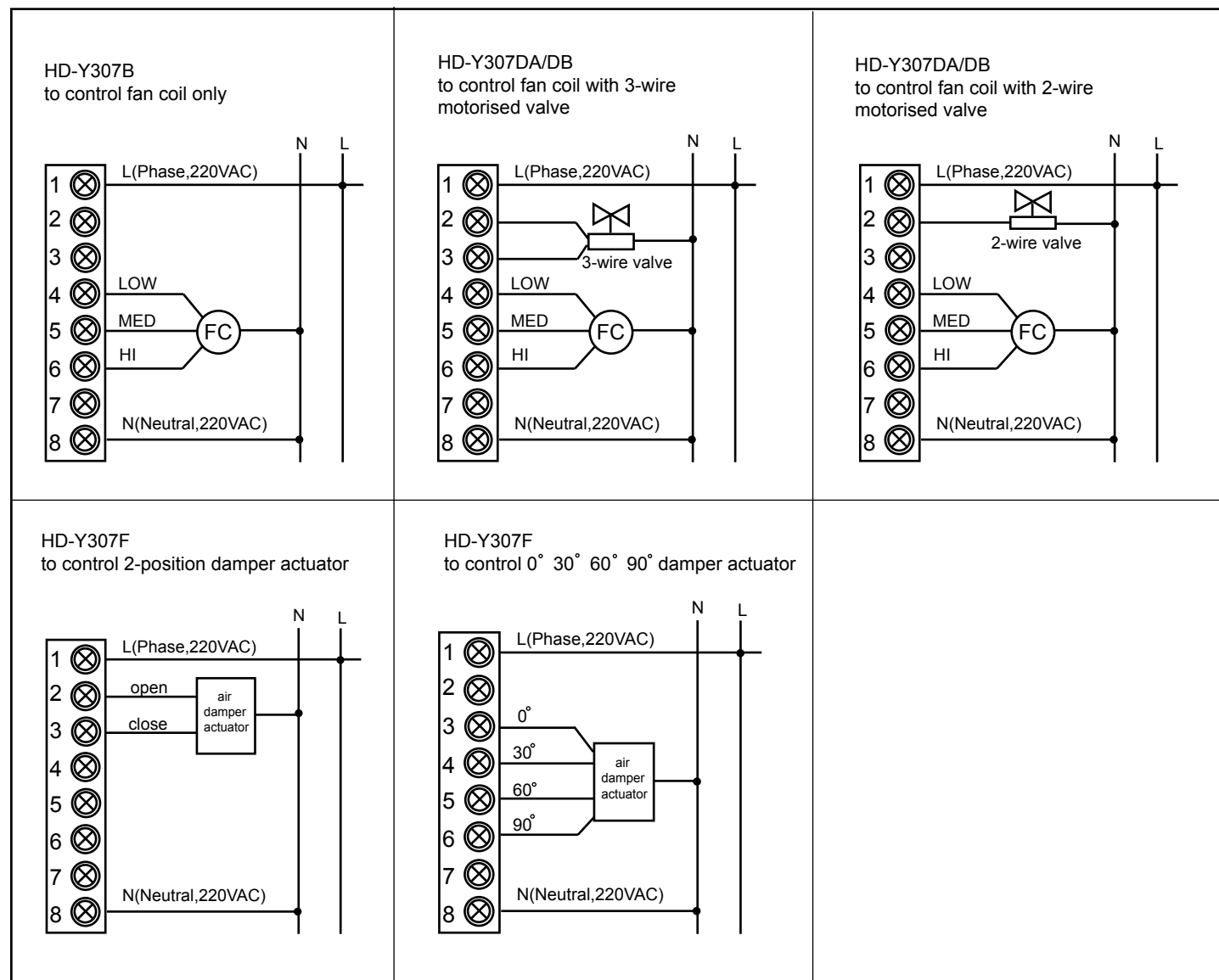
Housing: Flame Retarding ABS



### MOUNTING

1. The thermostat is flush mount, a back box of ideally 45mm depth should be sunk into the wall prior to installation.
2. Installation should be carried out by a qualified electrician.
3. Choose a location about 5 feet(1.5 meter) above the floor with good air circulation.
4. To avoid electrical shock and to prevent damage to the furnace, air conditioner, and thermostat, disconnect the power supply before beginning work. This can be done at the fuse box, at the circuit breaker, or at the appliance.

### WIRING DIAGRAMS



See overleaf for further operating instructions

## STAND BY STATE

When the thermostat is first connected to power, the thermostat will be in stand by state, the LCD displays RT with current room temperature and time.

## TO TURN THE THERMOSTAT ON/OFF

- ☞ To turn the thermostat on, press "⏻".
- ☞ To turn the thermostat off, press "⏻" again.

When the thermostat is turned on, the LCD displays:

1. ST(set temperature, this is the temperature the thermostat is currently controlling to)
2. RT(room temperature, this is actual room temp)
3. time
4. operating mode, for example:  
heating mode, with icon "❄️"  
cooling mode, with icon "❄️"

5. fan speed display status, for example,



## SETTING CLOCK

When the thermostat is turned on.

- ☞ Press "⌚" once, time starts flashing, using the up or down key to adjust time.
- ☞ Press "⌚" two more times to finish and exit setting of clock.

## SETTING TIMER

With timer function, the thermostat can be turned on or off automatically.

(A) When the thermostat is in stand by state

- ☞ Press "⌚" 2 times until "⌚" is displayed – set the desired time by using the Up/Down key;
- ☞ Press "⌚" to accept the setting, the thermostat is now set to be turned on at the desired time.

(B) When the thermostat is turned on,

- ☞ Press "⌚" 2 times until "⌚" is displayed- set the desired time by using the up/down key;
- ☞ Press "⌚" to accept the setting, the thermostat is now set to be turned off at the desired time.

## TO ADJUST THE SET ROOM TEMPERATURE

- ☞ Press up or down key to set the desired temp.
- ☞ Press any other button to accept or automatically accept after 5 seconds of inactivity.

## TO ADJUST THE FAN SPEED

With each press of the "fan speed key" "⏻", the thermostat will change the speed among low, medium, high and auto speed. When the thermostat is turned on, the default fan speed is medium speed.

When in auto fan speed mode, the fan speed will be displayed on screen along with the auto symbol.

## HEATING MODE/COOLING MODE

- ☞ Press "⏻" to select heating or cooling mode

## KEY BOARD LOCK

- ☞ Press and hold up arrow button for 5 seconds to lock the key board.
- ☞ Press and hold down arrow button for 5 seconds to unlock the key board.

## HEATING MODE

In heating mode, "❄️" will display on the LCD.

Also in heating mode, when the fan speed is set to auto, the fan coil will run in high speed if the actual room temperature is 3°C below the set temperature; Medium speed if 2°C below the set temperature; Low speed if 1°C below the set temperature.

## COOLING MODE

In cooling mode, an icon "❄️" will display on the LCD.

Also in cooling mode, if the fan speed is set to auto, the fan coil will run in high speed if the actual room temperature is 3°C above the set temperature; Medium speed if 2°C above the set temperature; Low speed if 1°C above the set temperature.

## TEMPERATURE CALIBRATING:

- ☞ When the thermostat is in stand by state, press and hold "⏻" for 3 seconds then release, the temperature starts flashing;
- ☞ Press "up" or "down" key to adjust the temperature to the correct value.
- ☞ Press "⏻" to accept the value.

Note: It is recommended that the calibrating is done after the thermostat has been operating for 1 hour.