

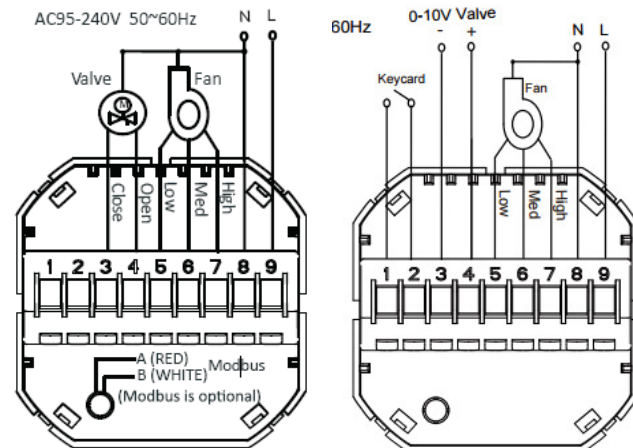
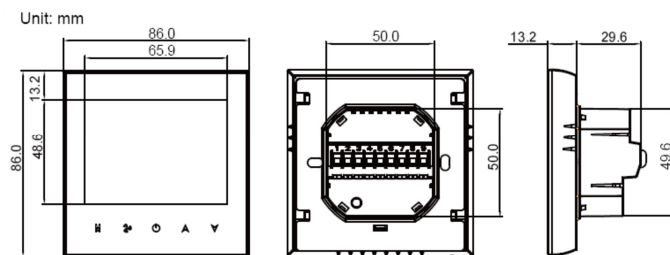
## General

The LX-TH7-FCU-LCD-L is a microprocessor based thermostat with Large and clear display. It is designed for controlling Fan Coil Units. It has blue and clear display, which shows control mode, set point, temperature and fan speed.

Models are available for heating/cooling control of 2-pipe or 4-pipe fan coil units with on/off and modulating valves (0-10V). Models with Modbus communication, Energy Saving Input and Remote Sensor are available.

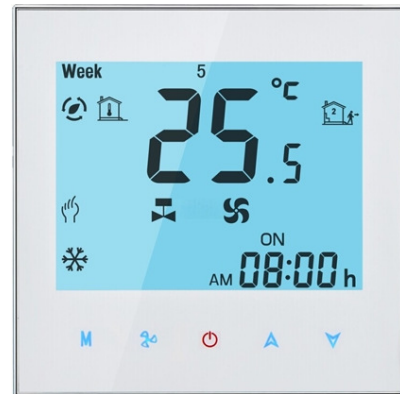
- Large LCD display
- Temperature display
- Temperature setpoint display and selection 5 °C – 35 °C, ± 0,5 °C
- Fan speed selection Lo-Med-High, Auto
- On/Off button
- Easy to use
- Modern and attractive looks
- Installation on standard 3" by 3" box

## Dimensions and connections (2-pipe models)



**LX-TH7-FCU-LCD-L-2P-MD**  
(2-pipe, on/off control, Modbus)

**LX-TH7-FCU-LCD-L-CHM-ESI**  
(2-pipe, 0-10V control)



## Order Code

- LX-TH7-FCU-LCD-L-2P**  
(2-pipe, on/off control)
- LX-TH7-FCU-LCD-L-2P-ESI**  
(2-pipe, on/off control, Energy Saving Input)
- LX-TH7-FCU-LCD-L-4P**  
(4-pipe, on/off control)
- LX-TH7-FCU-LCD-L-CHM**  
(2-pipe, 0-10V control)
- LX-TH7-FCU-LCD-L-CHM-ESI**  
(2-pipe, 0-10V control)
- LX-TH7-FCU-LCD-L-CMHH**  
(4-pipe, 0-10V control)

Add **-MD** for Modbus communication  
Add **-RS** for remote sensor  
Add **-Black** for black color

## Technical Data

Operating Voltage:	95-240 VAC, 50/60 HZ
Temperature Setpoint Range:	5-35 °C ± 0,5 °C
Temperature Display Range:	5-99 °C
LCD Display:	65,9 mm (W) * 48,6 mm (H)
System Adjust:	5-buttons for Power, Mode, Fan speed, Setpoint Up and Down
Fan Speed Adjust:	Low, Medium, High and automatic fans speed control
Current Load:	Fan Seed Resistive: 5A , Inductive 3A , Valve 3A , Inductive 1A
Buttons:	Capacitive Touch Buttons
Sensing Element:	NTC 10K Ohm thermistor
Terminals:	Screw terminal block, 16 AWG, 18 AWG, 1.5 or 2.5 sq. mm cable
Power Consumption:	<1,5 W
Operating Temperature:	0-45 °C
Operating Humidity:	5-95% (non condensing)
Storage Temperature:	-5-45 °C
Dimensions:	86(W)mm x 86(H)mm x 42,8(D)mm
Product Standards:	EN 60730