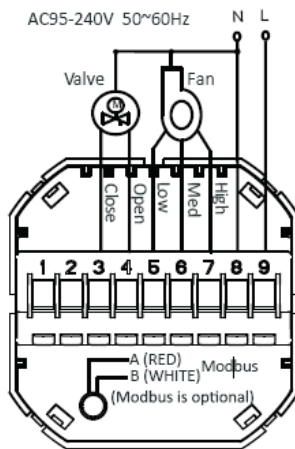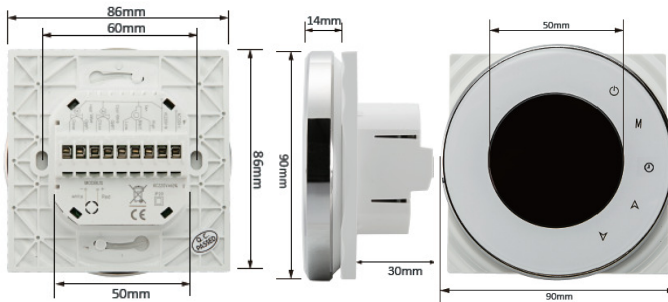## General

The LX-TH6-FCU-LCD-R is a microprocessor based thermostat with round shape and display. It is designed for controlling Fan Coil Units. It has capasitive touch control buttons and round clear display with white characters, which show control mode, set point, temperature, fan speed and time.
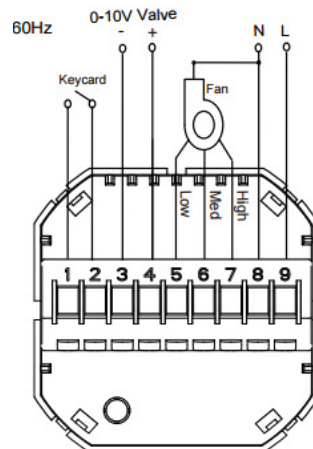
Models are available for heating/cooling control of 2-pipe or 4-pipe fan coil units with on/off and modulating valves (0-10V). Models with Modbus communication, Energy Saving Input are available.

- **Round 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-TH6-FCU-LCD-R-2P-MD
(2-pipe, on/off control, Modbus)

LX-TH6-FCU-LCD-R-CHM-ESI
(2-pipe, 0-10V control)

Order Code

LX-TH6-FCU-LCD-R-2P
(2-pipe, on/off control)
LX-TH6-FCU-LCD-R-2P-ESI
(2-pipe, on/off control, Energy Saving Input)
LX-TH6-FCU-LCD-R-4P
(4-pipe, on/off control)
LX-TH6-FCU-LCD-R-CHM
(2-pipe, 0-10V control)
LX-TH6-FCU-LCD-R-CHM-ESI
(2-pipe, 0-10V control)
LX-TH6-FCU-LCD-R-CMHM
(4-pipe, 0-10V control)

Add **–MD** for Modbus communication
Add **–White** for white color
Add **– Gold** for gold color rim

Technical Data

Operating Voltage:	95-240 VAC, 50/60 HZ
Tempeature Setpoint Range:	5-35 °C ± 0,5 °C
Temperature Display Range:	5-99 °C
LCD Display:	Diameter 50 mm
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:	90(W)mm x 90(H)mm x 44(D)mm
Product Standards:	EN 60730