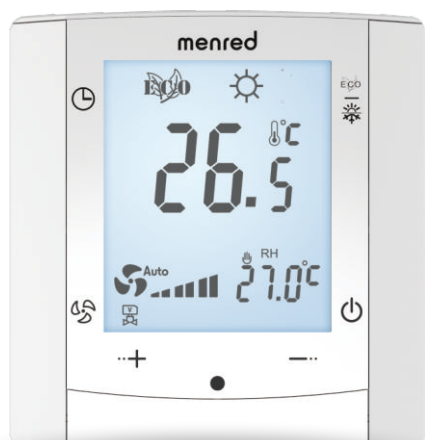


# LS7... FCU Thermostats with LCD

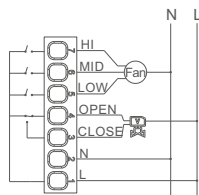


LS7...

## Wiring diagram:

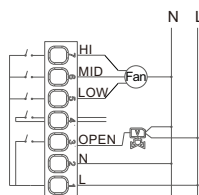
LS7.42  
LS7.42R  
LS7.42RH

Three-wire double  
drive-by-wire  
actuator with FCU



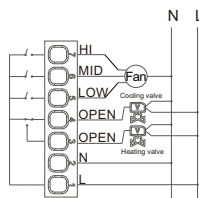
LS7.42K  
LS7.42RK

Three-wire single  
drive-by-wire  
actuator with FCU



LS7.50

Three-wire single  
drive-by-wire  
actuator with FCU



## Introduction

LS7... Multi-functional intelligent digital thermostats are designed for controlling speed fan and an on/off valve actuator in 2-pipe or 4-pipe FCU system, to meet up the adjusted indoor temperature.

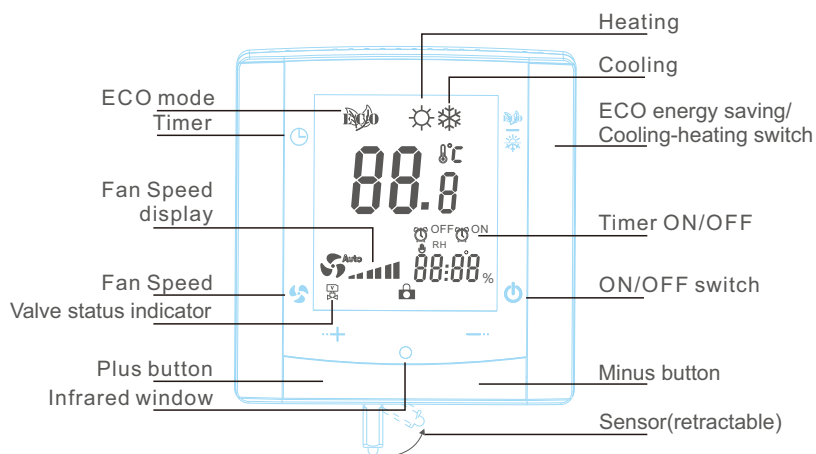
## Features

- > Easy mounting
- > Large LCD display
- > Temperature humidity from Switzerland
- > Rotating temperature sensor
- > Low power consumption
- > ECO mode

## Technical data

Voltage	AC230V 50Hz
Load current	2A (resistive loads) 1A (inductive load)
Power consumption	< 1 W
Terminal	A single terminal can max connect two 1.5 mm <sup>2</sup> or one 2.5 mm <sup>2</sup> wires
Setting range	5 ~ 35°C
Ambient temperature	-10°C ~ 55°C
Protective housing	IP20

## Function and display explanation



## Selection table

Model Number	Pipe system	Description
LS7.42	2-pipe	Control valve+ three-gear fan speed
LS7.42R	2-pipe	Control valve+ three-gear fan speed+ infrared remote control
LS7.42K	2-pipe	Control valve+ three-gear fan speed+ potential free output
LS7.42RK	2-pipe	Control valve+ three-gear fan speed+ infrared remote control+ potential free output
LS7.42RH	2-pipe	Control valve+ three-gear fan speed + infrared remote control+ temperature& humidity detection
LS7.50	4-pipe	Cooling valve +heating valve +three-gear fan control