

# TVI TD 8001 LCD THERMOSTAT

## DESCRIPTION

TVI-TD 8001 LCD thermostat is mainly used in central air-conditioning heating and cooling system.

It provides temperature control for central air-conditioning fan coil cooling / heating motorized valve or other electric actuator by the control signal which produced by comparison of actual tested ambient temperature and setting temperature.



## CHARACTERISTICS

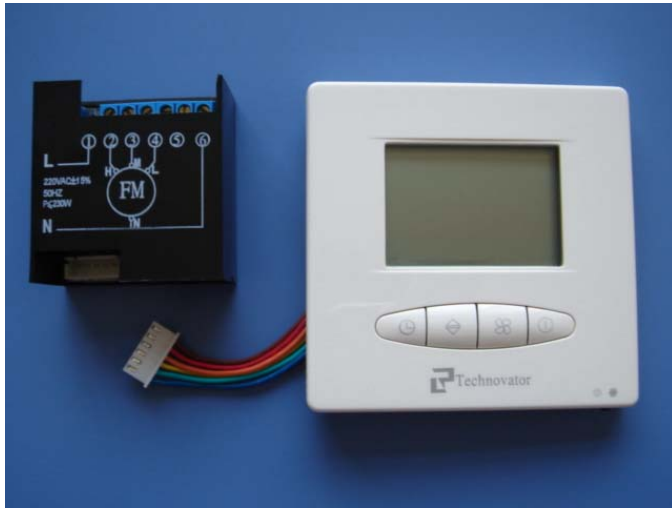
- Large LCD display showing ambient temperature state and air volume.
- With system switch and 3 fan speed switch mode
- 8 hours operation setting mode
- Toplife™ version 1.1 software control
- Short circuit protection, sensor failure display
- Infrared remote control (optional)
- Blue backlight (Optional)
- Architecture ultra slim design
- With flexible installation and convenient wiring

## TECHNICAL DATA

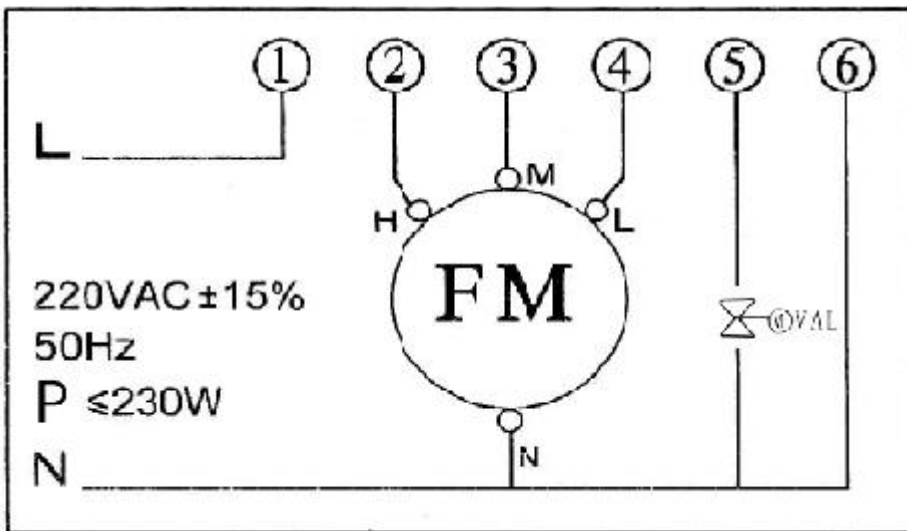
PRODUCT NAME	TVI-TD 8001
	2-PIPE Only
POWER SUPPLY	AC220V/230V
OUTPUT	AC220V/230V 3A
POWER CONSUMPTION	5VA (without load)
FAN VOLTAGE	AC220V / 230V (2A)
CONTROL PRECISION	±0.5°C
CONTROL RANGE	10°C ~ 30°C
SENSOR	NTC
DISPLAY PRECISION	0.2°C
WORKING TEMPERATURE	0°C ~ 55°C
STORAGE TEMPERATURE	-10°C ~ 60°C
AMBIENT HUMIDITY	Max. 90% RH no condensation

## INSTRUCTION

- 1) On/Off Mode : Switched On/Off with button, LCD displays actual room temperature, fan speed and cooling/heating model.
- 2) Hours Mode : Can be pre-setting with duration from 1 hour to max of 8 hours.
- 3) Temperature / Setting Mode: The display temperature at Celsius, pre-setting is selectable by moving "up" to increase and "down" decrease at comfort levels require.
- 4) Cool/Heat Shift Mode : Heating/cooling mode selectable by user is located at lower right bottom of the thermostat.
- 5) Fan Speed Mode: Display as "Automatic", "High", "Medium", "Low". It makes room temperature central automatically.



**WIRING DIAGRAM**



**INSTALLATION DIAGRAM**

