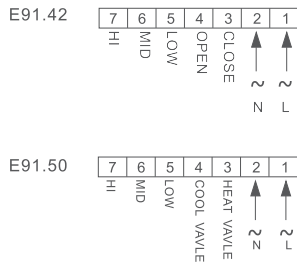


# E91...Touch-Screen FCU Thermostats



## E91...

### Wiring Diagram:



### Introduction

The thermostat acquires the room temperature with its built-in NTC sensor  
 The heating contact will close when the room temperature falls below the selected setpoint in heating mode  
 The cooling contact will close when the room temperature exceeds the selected setpoint in cooling mode

### Application

In conjunction with fans and valves, E91...is designed to control the valve in heating or cooling systems to maintain the desired setpoint temperature in Commercial buildings, Residential buildings, Light industrial buildings. . .

### Features

- > Luxury Touch-Screen operation interface
- > On/off control output for valve actuators
- > Manual changeover of heating/cooling
- > Timing function for heating or cooling
- > Symbol for valve indication
- > “Key-lock” function for setted parameters protection
- > “Fan-valve dependent control” or “fan-valve independent control” mode selectable

### Technical data

Voltage	AC230V (AC110V / AC24V available)
Load	3A
Power consumption	3.5W
Setting range	5°C ~ 35°C
Switching differential	±0.5K
Ambient temperature	-5°C ~ 50°C
Protective housing	IP20
Housing material	Self-extinguishing PC

### Selection table

Model Number	Fan control	System control	Backlight	Application	Loading (PCS/Carton)
E91.42	Auto,Low, Mid, Hi	Heating/Cooling	Yes	2-pipe FCU system	64
E91.50	Auto,Low, Mid, Hi	Heating/Cooling	Yes	4-pipe FCU system	64