YTC Controls

KF700A Series Thermostat

Introduction

KF-700A-WK thermostat is suitable for indoor temperature control of central air conditioning fan coil systems or air duct systems.

It can control the opening and closing of the fan coil units, underfloor cooling valves, or water valves at the end of the air conditioning system, achieving the goal of regulating indoor temperature, comfort, and energy conservation.

Features

❑ Power ON/OFF
❑ Temperature Control
❑ Switching between Cooling and Ventilation
❑ Fan speed control
❑ Manual or Programmable Scheduler
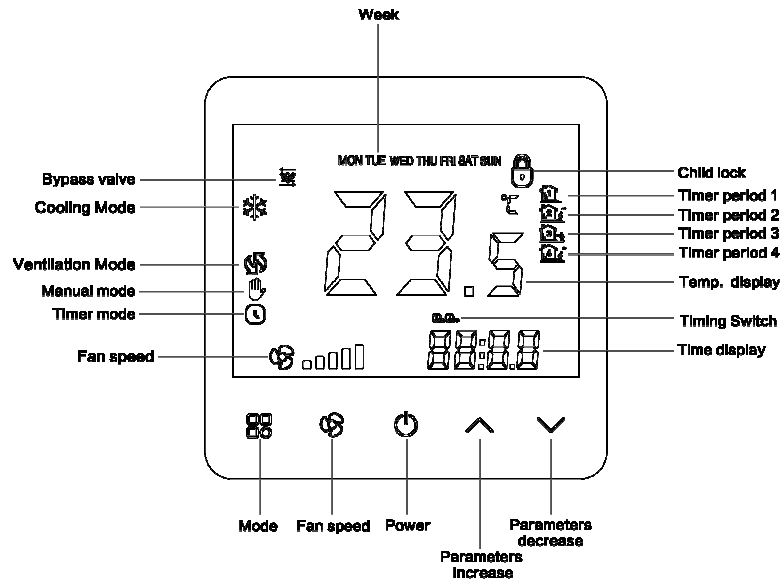❑ Child Lock Function
❑ Wifi and APP Connectivity

SPECTICATION

Model	KF700A-WK
Dimension in mm	86 (L) x 86 (W) x 40 (D)
Temperature Display	0 to 50 $^\circ$C
Rated Voltage	100 – 240 VAC, 50/60 Hz
Standby Power	≤ 3.0 W
Fixing Hole distance	60mm (Standard)
Operating Temperature	0 to 50 $^\circ$C
Operating Humidity	5 – 90% RH Non-condensing
Storage Condition	-10 to +60 $^\circ$C; ≤ 60% RH
Life Expectancy	≥ 5 Years

www.ytccontrols.com
Email:sales@ytccontrols.com
YTC – KF700A JANUARY 2025 Edition

YTC Controls

KF700A Series Thermostat

Display Description

Week

Bypass valve
Cooling Mode

Ventilation Mode
Manual mode
Timer mode

Fan speed

MON TUE WED THU FRI SAT SUN

Child lock
Timer period 1
Timer period 2
Timer period 3
Timer period 4
Temp. display

Timing Switch
Time display

Mode   Fan speed   Power   Parameters decrease

Parameters Increase

Buttons Function Description:

⊗	Fan Speed Key
88	Fan Speed Key
∧	Parameter Up Key
∨	Parameter Up Key
⏻	On/Off Key

Wiring Diagram:

Controller

1 2 3 4 5 6 7 8 9

N L high medium low open close B A

RS485

Fan   Valve

M

AC220-240V
50Hz
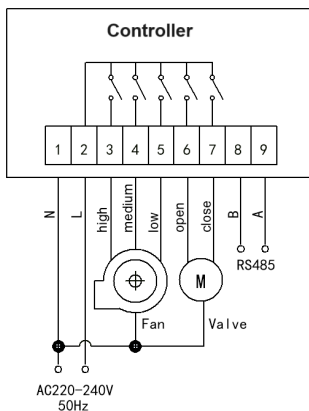
WIFI QR Code:

Communication Interface: RS485 MODBUS RTU