

Digital Thermostat for AC Unit

Model: F2000LX/PX Series

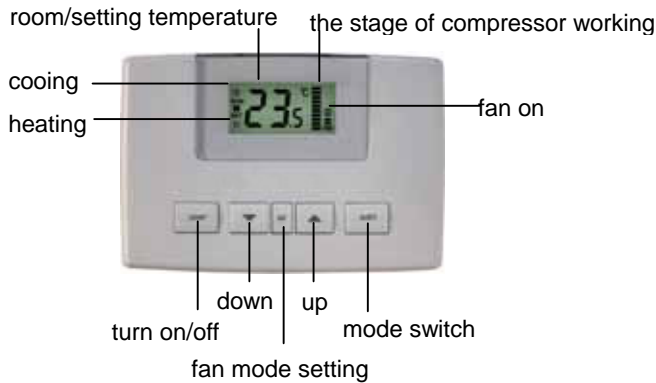
Room Thermostat for Multistage Cooling/Heating Systems with a Heat Pump
Programmable or Non-Programmable

□ Features

- ◆ Designed for control multistage cooling/heating systems with a heat pump
- ◆ Control up to 2 stages cooling /3 stages heating with an aux. electric heater
- ◆ A single speed or 3-speed interior fan control selectable. Also fan-on or fan auto selectable by end users.
- ◆ LCD can display working status such as room temperature, set point, fan speed and so on. Makes reading and operating easy and accurate.
- ◆ All models feature user-friendly setting buttons
- ◆ Compressor shortest cycle protection makes the AC system safeguard and life longer.
- ◆ Special external auxiliary contact and fault alarm for some models, it can not only give a fault alarm by the buzzer when check AC fault but also stop the AC working.
- ◆ 1st and 2nd stage temperature differentials set by users
- ◆ Heating/Cooling auto changeover or manual switch selectable
- ◆ Programmable (optional)
 - 5/2 days weekly programmable with four times periods of turning on/turning off the thermostats.
 - 5/2 days weekly programmable with four times periods and four temperatures.
- ◆ Low Temperature Protection
- ◆ External Temperature Sensor (Optional)
- ◆ Infrared Remote Control (optional)
- ◆ RS485 communication interface (optional)

□ Buttons and LCD Display

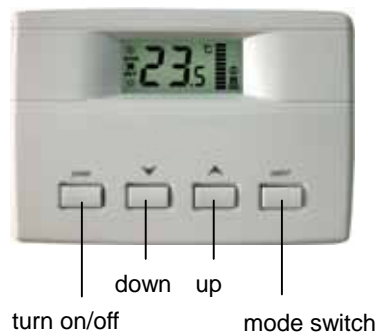
F2000PX Series (non-programmable)



F2000PX with programmable



F2000LX Series



□ Specifications

Power supply	24 Volt AC±20% 50/60HZ
Electrical rating	1 amp maximum load per terminal
Sensor	NTC 5K
Temperature Control Range	5-35
Accuracy	±0.5 @25
Display	LCD
Net Weight	F2000PX: 300g F2000LX: 240g
Dimensions	F2000PX: 130mm(L) X 90mm(W) X 32mm(H) F2000LX: 120mm(L) X 90mm(W) X 24mm(H)
Mounting Standard	Mounting on the wall, 2"x4"or 65mmx65mm box

□ Models

TYPE	MODEL	APPLICATION
Digital Thermostat for Multistage Cooling/Heating Systems	F2000LX-HP11-K	1 stage heating/cooling, heat pump, one aux. contact
	F2000LX-HP21-K	1 stage cooling/2 stages heating (one is aux. heating), heat pump, 1x aux. contact
	F2000LX-HC11-K	1 stage cooling/heating, 1x aux. contact
	F2000LX-HC01-K	1stage cooling only, 1x aux. contact
	F2000LX-HC10-K	1stage heating only, 1x aux. contact
	F2000PX-HC11	1 stage cooling/heating, a single fan
	F2000PX-HC01	1 stage cooling only, a single fan
	F2000PX-HP11	1 stage cooling/ heating with a heat pump
	F2000PX-HC22	2 stages cooling/ heating
	F2000PX-HC02	2 stages cooling only, a single fan
	F2000PX-HP22	2 stages cooling/ two stages heating with a heat pump
F2000PX-HP31	1 stage cooling/heating with a heat pump, 2 stages electric heater	
TYPE	OPTIONS	DESCRIPTION
Accessional Options For Above models	Timer -TM	Can be set the working hours from 0.5h-12h when the thermostat will be turned off automatically.
	Remote Control -R	Infrared remote control with a handheld controller
	Blue backlight -EL	Blue backlight of LCD
	Sensor External -W	Temperature sensor is external
TYPE	MODEL	APPLICATION
Digital Thermostat for Single Stage Cooling/ Heating Systems with a Interior 3-speed Fan	F2000PX-S-HC01	1 stage cooling, 3-speed fan
	F2000PX-S-HC11	1 stage cooling/heating, 3-speed fan
	F2000PX-S-HP11	1 stage cooling/heating, heat pump, 3-speed fan
	F2000PX-S-HC02	2 stages cooling, 3-speed fan
Digital Thermostat for 1 or 2 Stages Cooling/ Heating Systems. RS485 communication interface	F2000PXC-HC11	1 stage cooling/ heating, single fan, RS485 communication
	F2000PXC-HC22	2 stages cooling/ heating, single fan, RS485 communication

Shipping Information

F2000PX Series

Indiv. Ctn. Dim	135mm×95mm×55mm
Master Ctn. Qty	40
Master Ctn. Dim	44cm(L) X 32cm(W) X 32cm(H)
Master Ctn. Wt.	15Kg

F2000LX Series

Indiv. Ctn. Dim	135mm × 95mm × 32mm
Master Ctn. Qty	80
Master Ctn. Dim	44cm(L) X 32cm(W) X 32cm(H)
Master Ctn. Wt.	23Kg

Wiring Diagrams

