BC103S-ACDM
Programmable Thermostat

INTRODUCTION

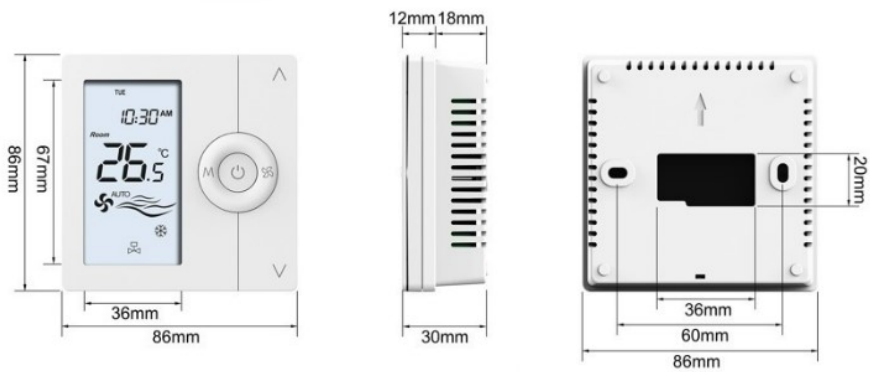BC103S Programmable Thermostat is designed to provide accurate temperature control and energy Efficiency
for heating and cooling systems. It enables you to alter the temperature settings in accordance with your daiy routine and preferences thanks to its comprehensive features and programmable scheduling. The thermostat Is easy to browse and alter settings thanks to its elegant design and a clear.

You may customize it to let you choose different temperatures at different times of the day, maximizing cofort while reducing energy use. The thermostat works with a variety of heating and cooling systems, includig heat pumps, electric furnaces, and central HVAC systems. It is appropriate for both home and business uses because of its adaptability. The thermostat has energysaving options and features that may help you use less energy and spend less money on utilities. When you're gone from home, you may set energy saving temperature controls to ensure maximum comfort when you get back. To ensure that the air filter is cleaned or changed at the proper intervals, the thermostat may provide filter replacement reminders. This will enhance system efficiency and indoor air quality. To provide precise temperature measurements, it could also include temperature calibration options. Functionality, ease of use, and energy economy are all combined in the BC103S Programmable Thermostat to provide a cozy atmosphere while maximizing energy consumption.
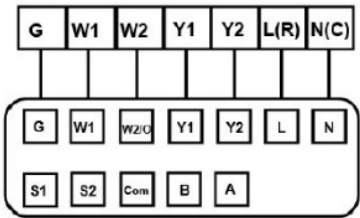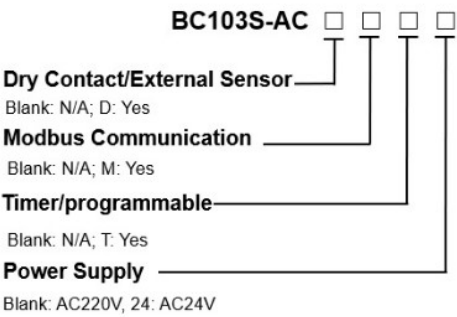
SPECIFICATION

Feature	NEW INTELLIGENT THERMOSTAT
Model No	BC103S-ACDM
Supply Voltage	85~230Vac /24Vac. 50/60Hz
Cooling Control	Single/Double Compressor
Heating Control	Single/Double Heater
Switch Rating	5A (7A as optional)
Max.Fan Load	1A/3A inductive, 4A resistive
Fan Control	3- Speed
Heat/Cool	Cool/Heat
Remote Sensor	Yes
Communication	Modbus multi bps
Hotel Card	Yes
Backlight	White
Temperature Display	Celsius/Fahrenheit
Programmable	Optional
Set point Range	5~35C
Temperature Display	0.5C
Ambient	Storage:-20C~60C Operating: 0~50°C Humidity:5~95%
Product Color	White RAL9010
Cycling Fan	Yes
Approval	EN60730-1, CE Standard
Installation	Surface Mounting
Housing Material	PC+ABS
IP Grade	IP 30

DIMENSION&MODEL NO.

Surface Mounting

BC103S-AC ☐ ☐ ☐ ☐

Dry Contact/External Sensor
Blank: N/A; D: Yes

Modbus Communication
Blank: N/A; M: Yes

Timer/programmable
Blank: N/A; T: Yes

Power Supply
Blank: AC220V, 24: AC24V

G	W1	W2	Y1	Y2	L(R)	N(C)

G	W1	W2/O	Y1	Y2	L	N
S1	S2	Com	B	A		

AC System
G: Fan.
W1: 1st Heat， W2: 2nd Heat
Y1: 1st Cool， Y2: 2nd Cool
S1: Dry contact
S2: Remote sensor
A/B: Modbus

G	W1	W2	Y1	Y2	L(R)	N(C)

G	W1	W2/O	Y1	Y2	L	N
S1	S2	Com	B	A		
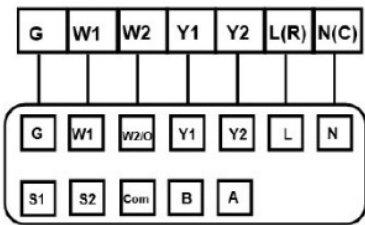
HP System
G: Fan
W1: Auxiliary Heat
W2: Reversing valve
Y1: 1st Compressor
Y2: 2nd Compressor
S1: Dry contact
S2: Remote sensor
A/B: Modbus

HOW TO USE

Follow these basic instructions to operate the BC103S-ACDM Programmable Thermostat:

- Get acquainted with the thermostat: Spend a minute learning how the thermostat's buttons, display, and other features work. For detailed information on your model, see the user manual provided by the manufacturer.
- Set the time and date: To set the time and date correctly, use the thermostat's interface. This guarantees precise system functioning and scheduling.
- Use the up and down arrows or the corresponding temperature adjustment buttons to change the temperature to your preferred setting. The thermostat's screen needs to show the current temperature. Access the programming option to set up a personalized schedule when programming the thermostat.
- To set different temperature settings at various times of the day or days of the week, refer to the user handbook.
- This enables the thermostat to change the temperature automatically depending on your selected schedule.
- Temporary override function: This feature allows you to temporarily change the temperature without disrupting the preset timetable. By doing so, you may manually specify a different temperature that will apply until the next predetermined time.
- Use the energy-saving modes available on the BC103S-ACDM thermostat, such as "Away" or "Vacation" mode. To save electricity, switch on these settings when you will be gone from home for a long time.
- Reminders to alter the monitor filter: Pay heed to the thermostat's filter change notifications. Follow the manufacturer's instructions for filter maintenance, which may call for regular filter cleaning or replacement.
- Investigate more features: The BC103S-ACDM thermostat may provide extra functions like humidity management, fan speed adjustment, or touchscreen lock, depending on the particular model.
- To comprehend and make use of these functions, see the user handbook.
- Think about smart home integration: If your thermostat is compatible, use the offered instructions to link it to your favorite smart home platform or use a smartphone app to remotely control it.
- Troubleshooting: Refer to the troubleshooting section of the user manual or call the manufacturer's customer service for help if you run into any problems or have inquiries about how the thermostat operates. Always refer to the owner's handbook for your individual BC103S-ACDM thermostat model since the features and instructions may alter somewhat from one version to the next. Indoor air quality.