Wi-Fi Power monitoring Industrial Smart Timer
Wi-Fi Fan Coil Thermostat with IAQ Control function
Monitor, Measure IAQ in Real Time Wi-Fi Thermostat
7Days Programmable Thermostat
WIFI Thermostat
GFCI Protected Thermostat
Modbus RTU Thermostat

2022 NEW

TH-2138 Series

NEW
Quality of Air, Quality of Life

TH-2138FC

TH-2138TY-IAQ

TH-2138-B/ TH-2138TX

Wi-Fi Fan Coil Thermostat with IAQ Control function

TH-2138FC Wi-Fi Fan Coil Thermostat with IAQ Control function. Paired with RV-626 Wireless RF Power Outlet, the Thermostat lets you remotely control your entire home's comfort via temperature, humidification, air-conditioning and ventilation.

Monitor, Measure IAQ in Real Time Wi-Fi Thermostat

The TH-2138TY-IAQ is an advanced thermostat built-in a digital multi-gas sensor solution, based on metal oxide (MOX) technology detection of a wide range of volatile organic compounds (VOCs) including ethanol, toluene, hydrogen and oxidizing gases with superior sensitivity.
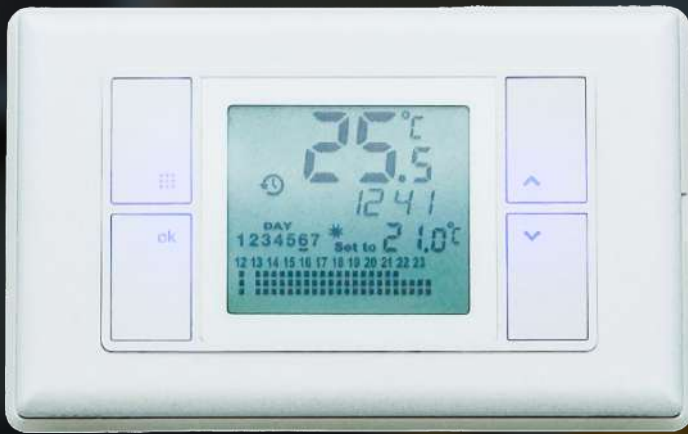
7-day programmable Thermostat

This digital electronic weekly chrono thermostat allows you to automate the switching on /off in the heating environmental system by setting control so that it can provide a comfort & cozy ambient temperature along with the effortless cost savings.

Programmable Thermostat

TH-1915

Wall-embedded electronic chrono-thermostat with weekly programmable function. Users can set 3 different temperatures at different times of the day. Antifreeze operates even if the device is OFF. - Summer/winter operation - ON-OFF.

Features:

- Easy one touch button ⊞ to select
  ⏱ Run program / 🚶 Vacation / 🌡 Temperature hold
  ✋ Manual override / ✋⏱ Comfort hour
- Standby mode for heating ON/OFF.
- Easy day program status indicate :

- Temperature Differential adjustable.
- Easy Installation: Separate base plate to aid installation.
- LED-backlight LCD display.
- Set Temperature and Room Temperature Displayed.
- Anti-freeze protection in standby mode.
- Lock or unlock keys to prevent unauthorized changes.
- Temperature reading calibration(offset).
- Seizing protection.
- Vacation setting to program a setback temperature to save energy.
- Comfort Override mode maintains the room temperature on the desired setpoint during a set period of time from 1~9 hours.
- User settings can be retained when the thermostat is power off.
- Low Battery indicate

Technical data:

- Power supply : TH-1915B Battery operated / TH-1915-2: 220Vac，50-60Hz
- Temperature indication : Celsius.
- Temperature display range : 0°C ~ 50°C.
- Temperature control range : 5 ~ 35°C.
- Comfort setpoint adjustment range: 5 ~35°C.
- Temperature adjustment scale : 0.5°C
- Temperature offset calibration range: -3.5°C ~ + 3.5°C
- Temperature reading calibration increments:0.5°C.
- Antifreeze protection: 5.0°C (Standby mode Only).
- Switching differential (Hysteresis) : 0.2/0.4/0.5/0.6/0.8/1.0 C Default 0.5°C
- Temperature sensor: 10K Ohm NTC.
- Temperature accuracy: ±0.5°C (@21°C).
- Temperature display resolution: 0.1°C.
- Sampling resolution: 1 minute interval.
- Contact Rating: 16A/250VAC
- Material : Non flammable plastic.
- Storage temperature : -10°C ~ 60°C.

Model Available:

Model No.	TH-1915-B	TH-1915-2
POWER	3VDC(Battery LR03 AAA x 2)	Hardwire 240Vac
Output Wiring	Free Contact SPDT	Free Contact SPDP
Rating Heat/Cool	16(3.5)A / 250Vac	10(2.5)A / 250Vac
Safety Approval	CE/LVD	CE/LVD

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Wi-Fi Thermostat

TH-17322WF

Wi-Fi 7 Days Programmable Floor Heating Thermostat

TH-17322WF Smart thermostat features an effortless, 7-Day programmable touch thermostat that provides control of temperature and supported in residential and commercial applications.

◄ TH-1510VWF
▼ TH-1250VWF

Wi-Fi 7 Days Programmable Floor Heating Thermostat

used for the following type of heating systems: Baseboard heaters (or any type of resistance heaters) Forced Fan Heaters & Convectors ，Radiant Ceiling Heaters

HVAC APP

TH-1903P Series

7Days Programmable Thermostat / WIFI Thermostat

TH-1903P-B

TH-1903PTY

- TH-1903P-B is an ideal device for the application in single-stage heating system, gas boiler or electric   heater, hydraulic, forced air and air conditioner.
- TH-1903PTY Smart thermostat features an effortless, 7-Day programmable that provides control of temperature and supported in residential and commercial applications.
- Wi-Fi connectivity, Control from anywhere using Smart@IoT app.
- Mobile app based scheduling, Vacation mode and many other required basic features.

Smart@IoT

iOS

Android

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GFCI Protected Thermostat

TH-1290 GFCI

Ground Fault Circuit Interrupter (GFCI) TH-1290 has a built-in GFCI that ensures personal safety in case of ground faults.

Features:

1. Floor-limitation temperature setting is suitable for tile, stone, laminate, concrete and wood floors.
2. Room temperature & Floor temperature display.
3. Non-programmable, two port output, easy temperature set-up.
4. Easy one touch button to run Comfort & Economy setpoint
5. High output contact rating with circuitry surge absorber.
6. Stand-by function included for simple shut-off Heat system when temperature regulation is not required.
7. Built-in self-testing GFCI
8. Anti-frost protection

Features:

1. GFCI...Class A 5mA
2. Power Supply…………………...............100-240VAC/50-60Hz
3. Relay Contact.…………………….........250VAC 16A (resistive load)
4. Output Power Rating…………..............1920W at 120VAC, 3840W at 240VAC
5. Room temperature setting range…........40°F(5°C)~95°F(35°C)
6. Floor temperature control range….........68°F(20°C)~113°F(45°C)
7. Accuracy…………………………........... ±1°F or ±0.5°C
8. Temperature display range...................-10 °C ~50 °C (14 °F ~122 °F)
9. Comfort & Economy temperature presetting:
   Comfort Setting (Heating)..................... 70°F(21°C)
   Economy Setting (Heating)................... 60°F(16°C)
10. Switching differential (Hysteresis)
    Room: 0.2/0.4/0.6/ 0.8 /1°C(0.4/0.8/1.2/1.6/2 °F) , default setting 0.4°C, Floor: 1°C(2°F)
11. Storage temperature........................... -10°C ~ 60°C(14°F~140°F)
12. Dimensions………………………………132.0 X86.0 X28.6mm

Modbus RTU Thermostat

Modbus RTU Master/ Slave Protocol

AM-17170
3 temperature Easy–set
non programmable Thermostat

AM-17173
3 temperature Easy–set
7 Days programmable Thermostat

Features:

- The AM-17170/AM-17173 Modbus RTU thermostat allows the instrument to be a citizen on a data link shared with other devices that subscribe to the Modbus RTU RS-485 specification
- MODBUS-RTU/SLAVE
- Interface: RS-485/baud rate: 9600/19200bps
- 8-N-1(8 data bit/ No parity bit/1 start/stop bit) Address range: 1~64
- Non-programmable:AM-17170/ 7 Days Programmable:AM-17173
- Easy one touch button to run Comfort、Economy & Unoccupied setpoints.
- User Adjustable Temperature Differential
- Factory preset Heat & Cool Setpoints
- Informative Display: shows both current Room temperature and Setpoint temperature
- Anti-freezing protection in standby mode (Heat- ing only)
- Stand-by function included for simple shut-off Cool\Heat system when temperature regulation is not required
- 3 preset temperature settings and Adjustable setpoints
- Selectable Fahrenheit or Celsius scale
- Energy saving for Heating and Cooling air purge

Wiring diagram:

Specifications:

1. Dimensions: 120* 112* 25 mm
2. Power Supply: 24Vac
3. Output: Y1,W1,G(FL),Y2(FM),W2(FH) / DC5V
4. Output rating: Total 2A(Resistive)/ DC5V:500mA
5. Power Consumption: 8VA
6. Temperature indication: °C/°F (selected by jumper)
7. Temperature sampling rate: 1 minute interval
8. System mode: Heat/Cool/Auto/Ventilation
9. Humidity (Operating): 10%~90% relative humidity, non-condensing
10. Temperature (Operating): 0°C~50°C Temperature (Storage): -10°C~60°C
11. TemperatureControl Range: Heat: 5~30°C(41~86°F) Cool: 20~35°C(68~95°F)
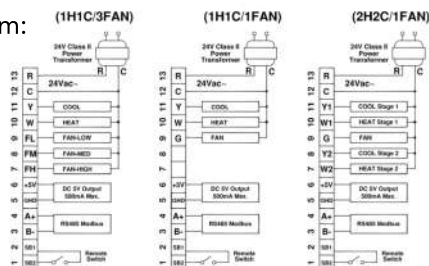12. Preset mode factory default Temperature (User Changeable)

	Comfort	Economy	Away
Heat	21°C(70°F)	16°C(61°F)	14°C(57°F)
Cool	23°C(74°F)	26°C(79°F)	29°C(84°F)

13. Temperature offset calibration range: -5°C ~+5°C / -10°F ~ +10°F
14. Backlight: White/Auto 15 seconds
15. Setpoint adjusting: 0.5°C /1°F

TH-1938P Series

7Days Programmable Thermostat / WIFI Thermostat

TH-1938P-B is an ideal device for the application in single-stage heating system, gas boiler or electric   heater, hydraulic, forced air and air conditioner.

TH-1938PTY Smart thermostat features an effortless, 7-Day programmable that provides control of temperature and supported in residential and commercial applications.

Wi-Fi connectivity, Control from anywhere using Smart@IoT app.

Mobile app based scheduling, Vacation mode and many other required basic features.

Smart@IoT

iOS

Android

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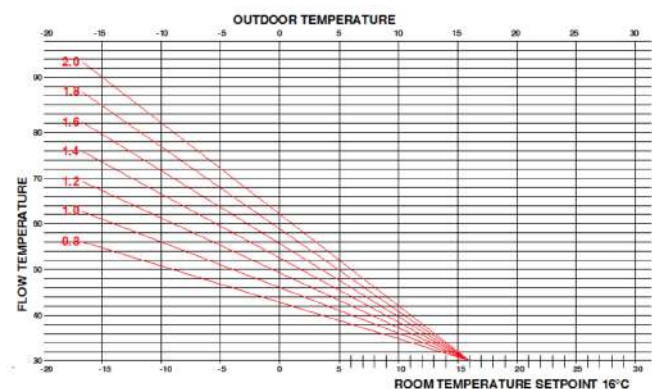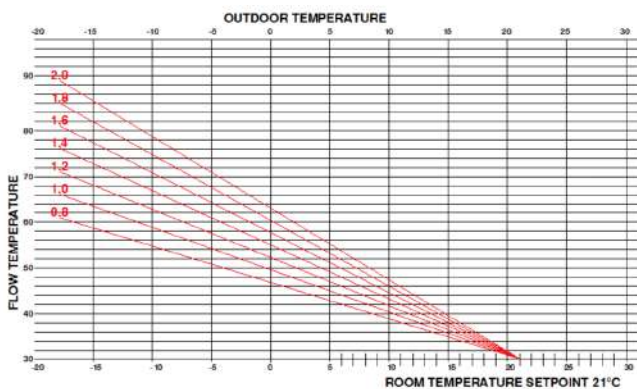
TH-1717WT

Weather Compensation Thermostat

TH-1717WT is a weather compensation control thermostat can adjust the heating systems at that exact point by detecting changes in the weather conditions outside.It not only affects user comfort but also the energy saving efficiently. The new technology helps us to gain faster returns on investment after installing the weather compensation TH-1717WT, a truly smarter solution to be greener & more sustainable.

TH-1717WT is designed with a control curve algorithm that selectsthe specific slope control curve in different heating systems so thatusers can get faster returns and lower energy bills.

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Fan Coil Thermostat

The TH-1938FC / TH-1903FC is a family of digital fan coil thermostats for residential and commercial applications such as hotels, condominiums, etc.

TH-1938FC

TH-1903FC

Product Overview

- 2-pipe cool only/heat only/manual changeover
- 4-pipe manual or automatic changeover
- Ventilation mode
- Manual or automatic 3-speed fan control (fan auto)
- Water valve control
- Fan speed can be selected to automatic or manual 3-speed control mode.
- In ventilation mode, fan only support manual speed control.
- Set buttons to select Fan mode, system mode

3 models for your application:

TH-1903-1,TH-1938-1 : 120Vac

2-pipe or 4-pipe with manual heat/cool change-over or automatic heat/cool seasonal auto

TH-1903-2,TH-1938-2 : 240 Vac.

2-pipe or 4-pipe with manual heat/cool change-over or automatic heat/cool seasonal auto changeover

TH-1903-3,TH-1938-3 : 24 Vac.

2-pipe or 4-pipe with manual heat/cool change-over or automatic heat/cool seasonal auto changeover