

温控器外形



1

温控器操作指导

- 电源按键:** 在关机模式下屏幕显示 标识。
- 睡眠模式按键:** 按下睡眠按键进入睡眠模式,再次按下睡眠/离家/电源按键,退出睡眠模式。
- 离家模式按键:** 按下离家按键进入离家模式,再次按下离家/电源按键,退出离家模式。
- 在 模式下,按 或 键设置目标温度。
- 在离家和 模式下,按 或 键显示目标温度。

过冷保护

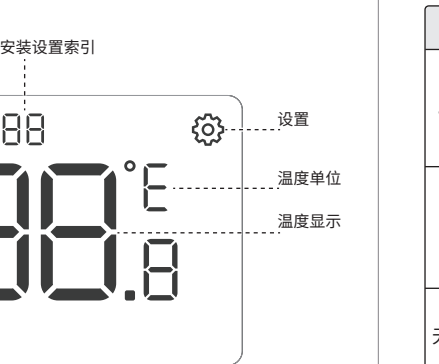
用户在安装设置中可开启过冷保护。在关机状态下,当室内温度低于4°C时,进入加热状态,加热阀打开。当室内温度高于6°C时,退出加热状态,加热阀关闭。

显示精度

在环境温度 15 °C -25 °C 范围内,通过调整安装设置中第三项温度补偿的数值,温度的显示精度可以控制在 +/-0.8 °C以内。

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温控器显示



图标显示代表处于居家模式,图标消失代表处于离家模式。

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常见问题

故障现象	解决方案
不启动	- 检查设置温度是否低于当前室内温度 - 检查加热标识 是否显示 5 分钟后,检查加热系统是否有反应
无法进入	- 检查按键是否被锁 - 检查是否处于关机 模式 - 检查是否处于离家模式
无法进入离家模式	- 检查按键是否被锁 - 检查是否处于关机 模式
不起作用	- 检查按键是否被锁 - 检查是否处于 或离家模式 - 检查是否处于关机 模式

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安装

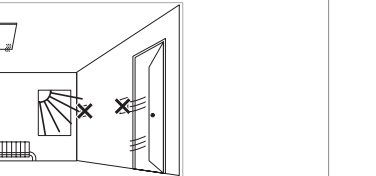
- 警告:**
- 安装和维护必须由经过培训的专业技术人员执行。
 - 为避免人身伤害(电击)和设备损坏,接线前务必断开电源。

- 说明:**
- 安装前请认真阅读本手册,安装不当会造成设备损坏。
 - 安装前请确认温控器是否适用于您的设备。
 - 安装后,请进行正常用途测试。

需将温控器安装在距离地面约 1.5 米且通风良好的位置。

请勿选择下列安装位置:

- 墙角和门后等不通风区域
- 其他室内温度偏低或偏高的位置,例如:与外界直接接触的墙体
- 加热或制冷管道附近区域
- 厨房、卫生间等区域



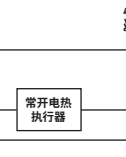
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端子说明

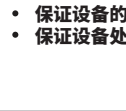
符号	描述
N	电源零线
vO	加热阀门打开
vC	加热阀门关闭
L	电源火线

输入电压:220/230 VAC 50 / 60 Hz, 产品和负载侧需要接过载保护。

常开电热执行器接线示意图



三线制电热执行器接线示意图



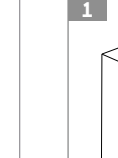
注意:

- 保证设备的物理安全,只允许授权人员接触设备及总线。
- 保证设备的安装部署及运维管理的安全性。
- 保证设备处于隔离的内部网络。

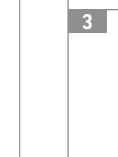
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接线

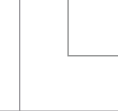
常闭电热执行器接线示意图



三线制电热执行器接线示意图



常开电热执行器接线示意图

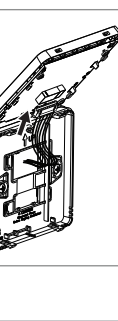
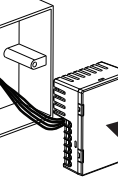


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注意:

86 接线底盒和墙体的温度不能高于产品规定的工作环境温度。

适用于标准 75×75×50mm 墙装86接线底盒安装。



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安装设置

长按 和 3 秒开始高级设置菜单选择,短按 切换菜单 1-11,确认菜单后,通过 按键设置参数值。

设置完成后,长按 和 3 秒退出设置界面;或 30 秒内无任何操作,系统自动退出并保存参数。

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设置完成后,长按 和 3 秒退出设置界面;或 30 秒内无任何操作,系统自动退出并保存参数。

索引	项目说明	选项
1	温度单位	0: 华氏 °F 1: 摄氏 °C (默认值)
2	CPH值 (加热)	1-12 默认值 1
3	显示温度调整	-2 °C到 2 °C, 步长 0.5 °C, 默认值 0 °C (-4 °F 到 4 °F, 步长 1 °F, 默认值 0 °F)
4	温度显示模式	0: 显示室内温度 (默认值) 1: 显示设置点温度

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索引

11 背光亮度级别

0-10 级 (默认值 3 级)
注: 设置为 0 级时, 关闭背光。

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产品中有害物质的名称和含量

部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
外壳组件	0	0	0	0	0	0
内部线路板组件	X	0	0	0	0	0
线束组件	0	0	0	0	0	0
紧固件	0	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制。

0: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

未列入表内的其它部件, 皆不含任何超出限量要求的限制使用物质。

WEEE 指令 2012/19/EC 废弃电气和电子设备指令

在产品寿命结束时, 在相应的回收中心处理包装和产品。请勿使用通常的生活垃圾处理方式处理该产品。请勿焚烧该产品。

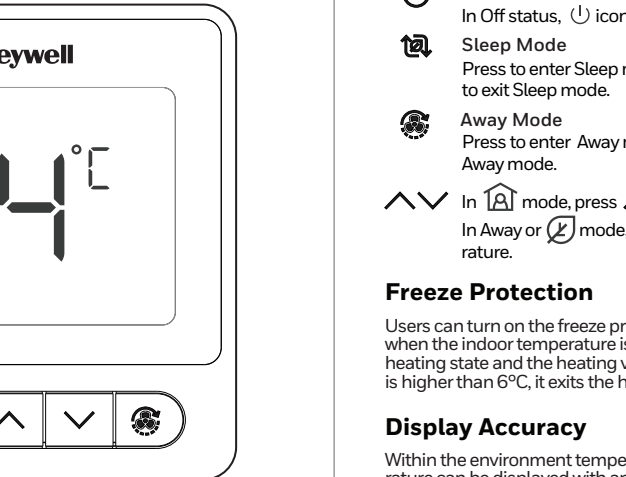
3010-8829-001 Rev. B 06/2024

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3010-8829-001 Rev. B 06/2024

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Thermostat Appearance



1

Operating Your Thermostat



Power On/Off
In Off status, icon will be displayed.



Sleep Mode
Press to enter Sleep mode. Press again Sleep/Away/On button to exit Sleep mode.



Away Mode
Press to enter Away mode. Press again Away/On button to exit Away mode.



In mode, press or to set target temperature.
In Away or mode, press or to display target temperature.

Freeze Protection

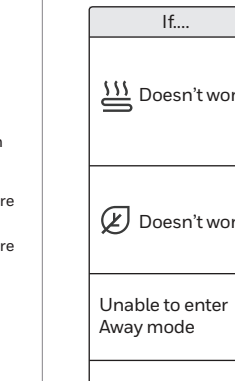
Users can turn on the freeze protection when installing. In Off state, when the indoor temperature is lower than 4°C, the thermostat enters heating state and the heating valve opens. When the indoor temperature is higher than 6°C, it exits the heating state and the heating valve closes.

Display Accuracy

Within the environment temperature range of 15 °C to 25 °C, the temperature can be displayed with an accuracy of +/-0.8 °C by adjusting the value of the third temperature compensation in the installation settings.

2

LCD Display



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Trouble Shooting Tips

If....	Then....
Doesn't work	- Check if the setpoint temperature is below the room temperature - Check if the icon is displayed - Wait 5 minutes for the system to respond
Doesn't work	- Check if is locked - Check if the thermostat is Off - Check if the system is in Away mode
Unable to enter Away mode	- Check if button is locked - Check if the thermostat is Off
Doesn't work	- Check if the button is locked - Check if the system is in or Away mode - Check if the thermostat is Off

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Installation Guide



Warning:
Installation and maintenance must be performed by trained and qualified service technician.
To avoid personal injury (electrical shock) and to prevent equipment damage, you must disconnect power before wiring.

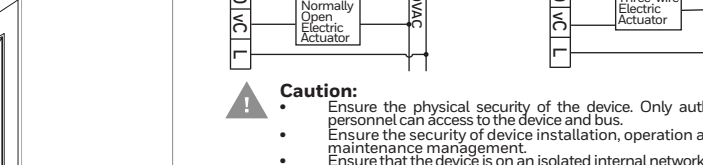
Instructions:

- Please read this manual carefully before installation. Improper installation can cause damage to the thermostat.
- Make sure the thermostat is suitable for your equipment before installation.
- After installation, please test for normal use.

Install the thermostat approximately 1.5 meters above the floor in a well-ventilated location.

Do not install the thermostat in locations below:

- Unventilated areas such as corners and behind doors
- Areas near heating or cooling ducts
- Areas near sunlight or heat sources
- Other locations with low/or high indoor temperatures, e.g., walls in direct contact with the outside world
- Kitchen, bathroom and other areas



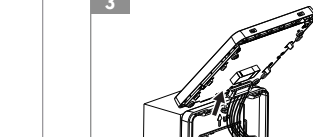
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Terminals

Symbols	Description
N	Neutral wire
vO	Heating valve open
vC	Heating valve close
L	Live wire

Input voltage: 220/230 VAC, 50/60 Hz.
Overload protection needs to be connected on the product and load side.

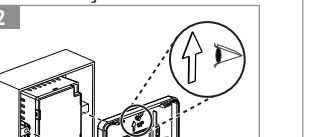
Normally Open Electric Actuator Wiring



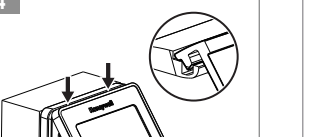
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Wiring

Normally Closed Electric Actuator Wiring



Three-wire Electric Actuator Wiring

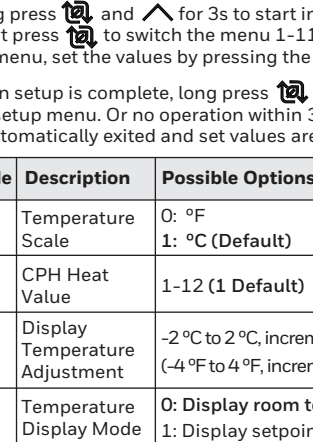


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Caution:

The temperature of the 86 junction box and the wall must not be higher than the operating environment temperature specified for the thermostat.

Suitable for standard 75x75x50mm wall-mounted 86 junction box installation.



8

Installation Setup



Long press and for 3s to start installation setup.
Short press to switch the menu 1-11. After confirming the menu, set the values by pressing the buttons .

When setup is complete, long press and for 3s to exit the setup menu. Or no operation within 30s, the setup menu is automatically exited and set values are auto-saved.

Code	Description	Possible Options
1	Temperature Scale	0: °F 1: °C (Default)
2	CPH Heat Value	1-12 (1 Default)
3	Display Temperature Adjustment	-2 °C to 2 °C, increment 0.5 °C, Default 0 °C (-4 °F to 4 °F, increment 1 °F, Default 0 °F)
4	Temperature Display Mode	0: Display room temperature (Default) 1: Display setpoint temperature

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Code

Code	Description	Possible Options
5	Heating Range Stops	10-32 °C Default 32 °C (50-90 °F Default 90 °F)
6	Keypad Lockout	0: All keys are available (Default) 1: Sleep mode button locked out 2: Sleep mode and Away mode buttons locked out 3: All buttons locked out except power button 4: All buttons locked out
7	Away Mode Setpoint	10-21 °C Default 18 °C (50-70 °F Default 64°F)
8	Freeze Protection	0: Disabled 1: Enabled when room temperature is below 4°C (39°F) (Default)
9	Power Recovery Status	0: Off 1: Previous Status (Default)
10	Data Storage	0: Disabled 1: Enabled (Default)

10

Code

Code	Description	Possible Options
11	Backlight Brightness Level	Level 0-10 (3 Default) Note: Backlight disabled when level 0 is set.

Name and Content of Hazardous Substances

Parts	Harzardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI Compounds (Cr6(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Housing Components	0	0	0	0	0	0
PWBA	x	0	0	0	0	0
Wire Harness Components	0	0	0	0	0	0
Fasteners	0	0	0	0	0	0

This table is prepared in accordance with the provisions of SJ/T 11364.
O: Indicates that the hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T26572.
X: Indicates that the hazardous substance contained in at least one of the homogeneous materials for this part is above the limit requirement of GB/T 26572.
All other components, not listed in the table, do not contain restricted substances above the threshold level.

WEEE 2012/19/EC Waste Electrical and Electronic Equipment Directive
This product and package should be disposed of, at the end of its useful life, at the appropriate recycling center. Do not dispose of this product with common domestic waste disposal methods. Do not burn this product.

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