LifeSmart云起

星玉温控面板

LS220温控系列使用说明书 V1.0

产品介绍

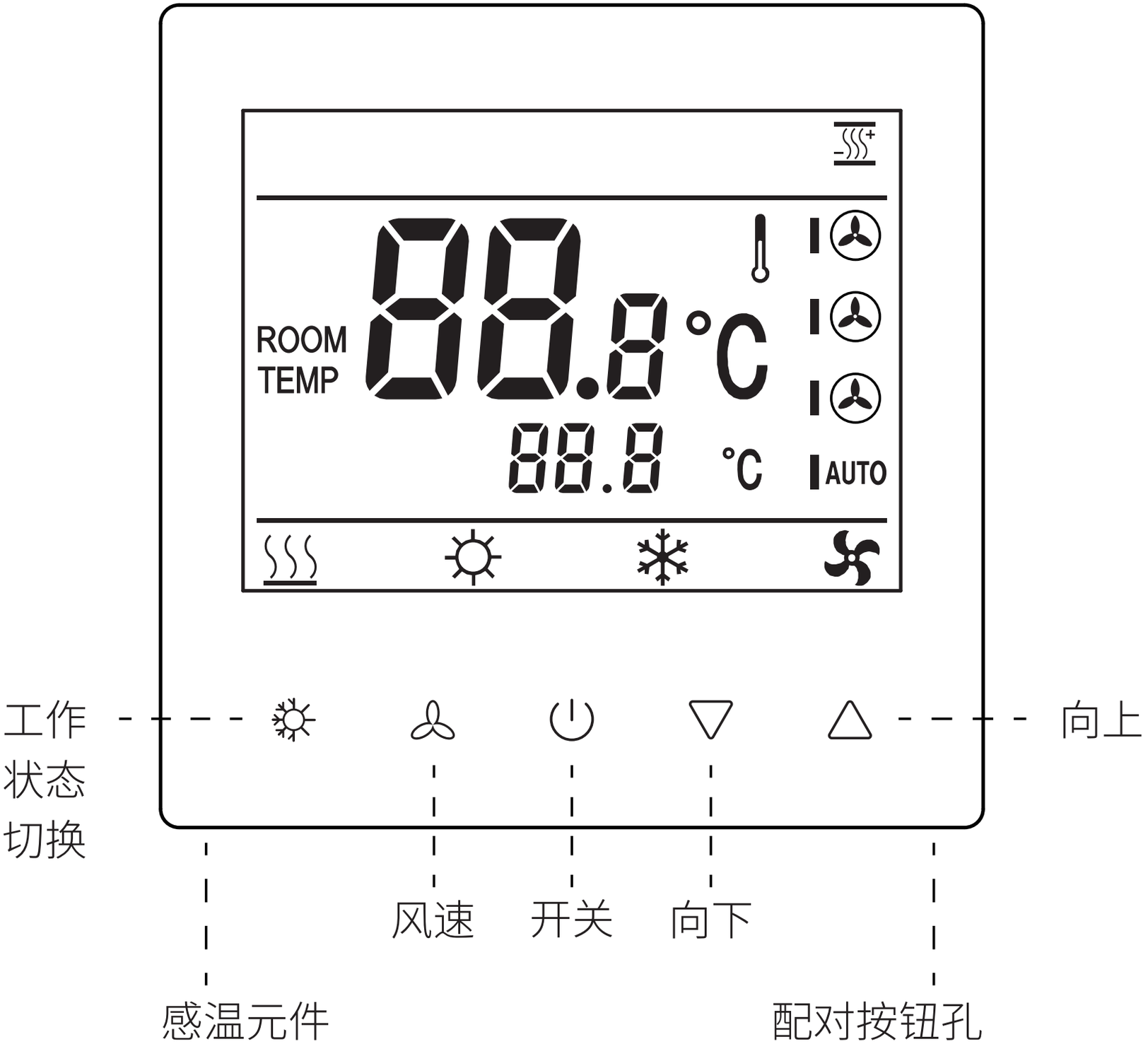
LifeSmart 星玉温控面板拥有三档风机和两路阀门控制，适用于家庭、商业及工业的多种使用场景，支持对暖通系统末端的风机盘管以及电动阀、电动球阀或风阀进行控制，达到调节室内温度及改善室内空气的作用。使用玻璃面板取代传统的塑料按键，轻触即可完成操作，兼具观赏性与实用性。

星玉温控面板支持双向通信及远程控制，配合智慧中心，用户可以通过手机随时随地控制，也可与其他智慧设备形成智能联动、定时开关以及语音控制等功能。

规格参数

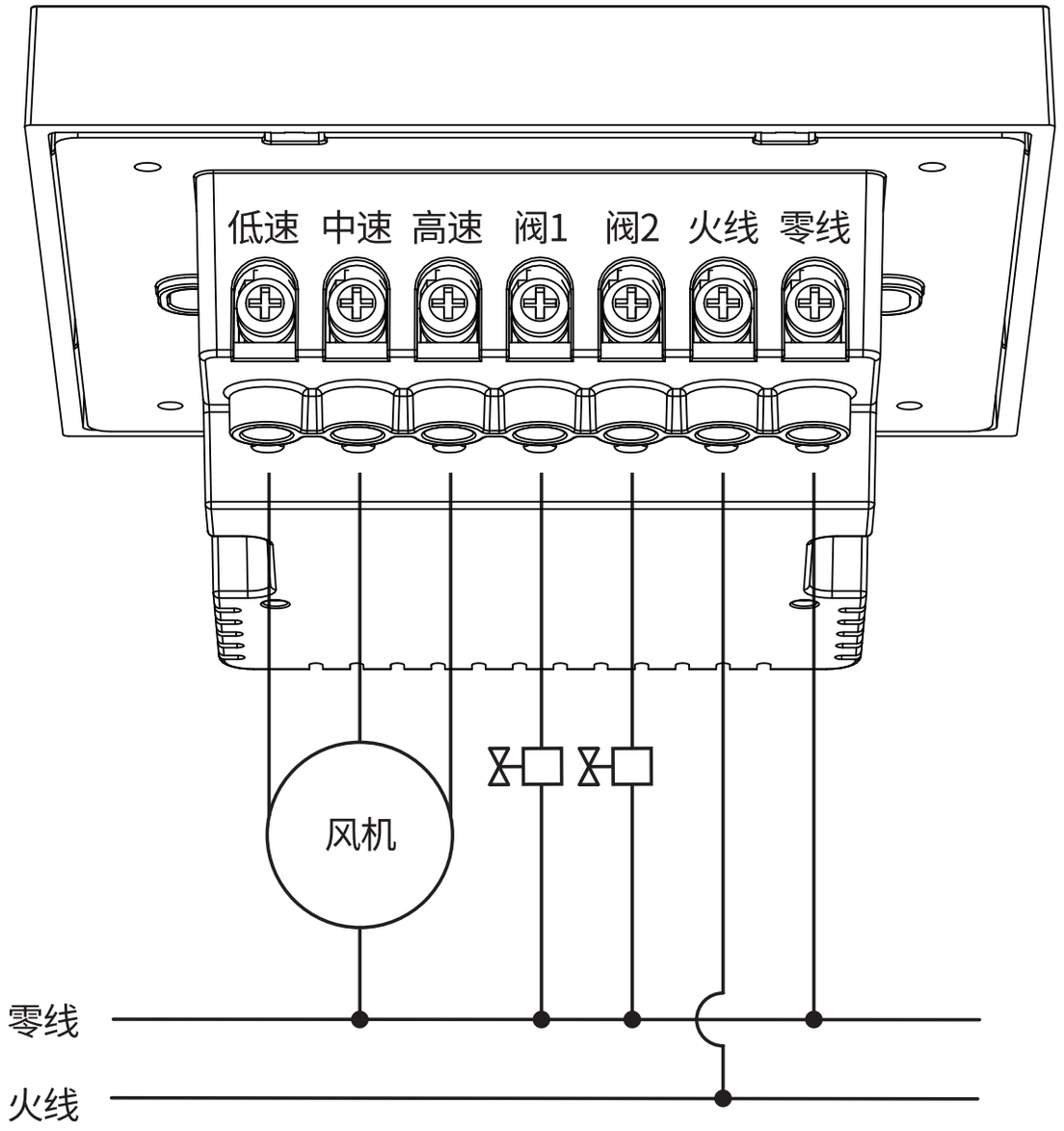
尺寸	露出墙外尺寸: 86*86*11mm 整机尺寸: 86*86*36mm(温控底座)
重量	165g
待机功率	<0.6W
输入	220V~ 50/60Hz
最大负载	3A
无线协议	CoSS
无线距离	200m (开放场)
工作温度	-5~45°C
工作湿度	5~90%
温度设定范围	16~32°C (步进0.5°C)
感温元件	热敏电阻 B=3380 10K @25°C

部件说明



安装方法

搭配温控底座



注意：星玉温控面板支持多种工作模式，不同模式的接线要求不同，请参照底座说明书的接线指导进行接线。面板设置的工作模式请务必与实际接线保持一致。接线错误或工作模式设置错误将导致设备无法正常工作甚至损坏。安装涉及到强电，务必请专业电工操作。

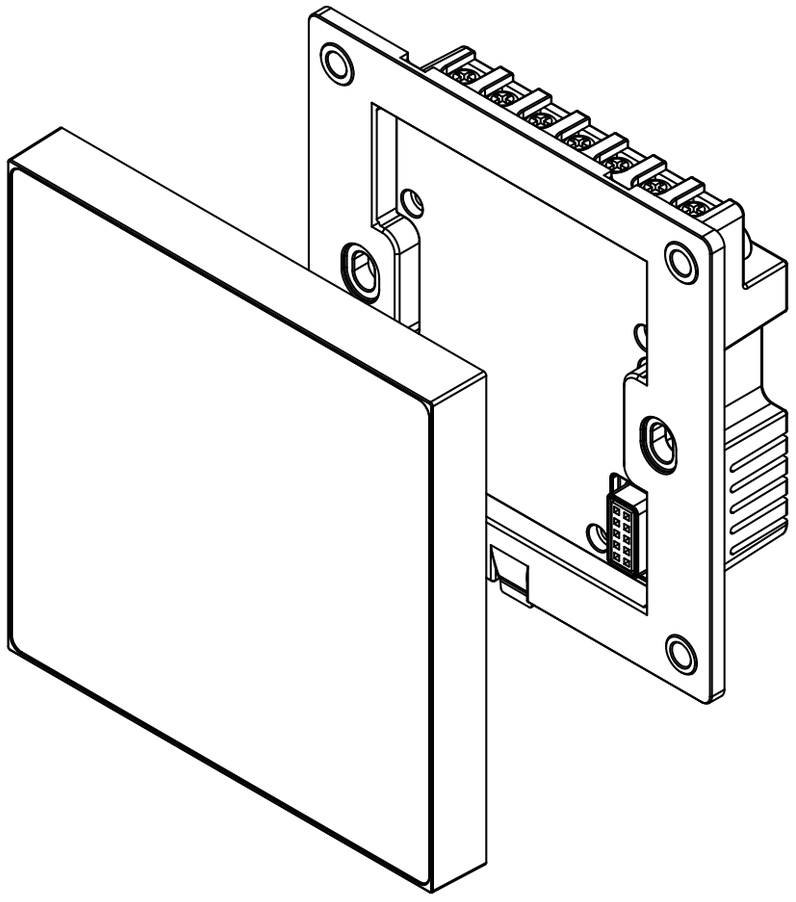
安装方法

① 切断安装处的电源，确认所接电线未带电。

② 取出智能控制底部套件，进行接线。

③ 将安装的电线有序地理进开关底盒，安放好底部套件，并使用左右两侧的螺丝固定。

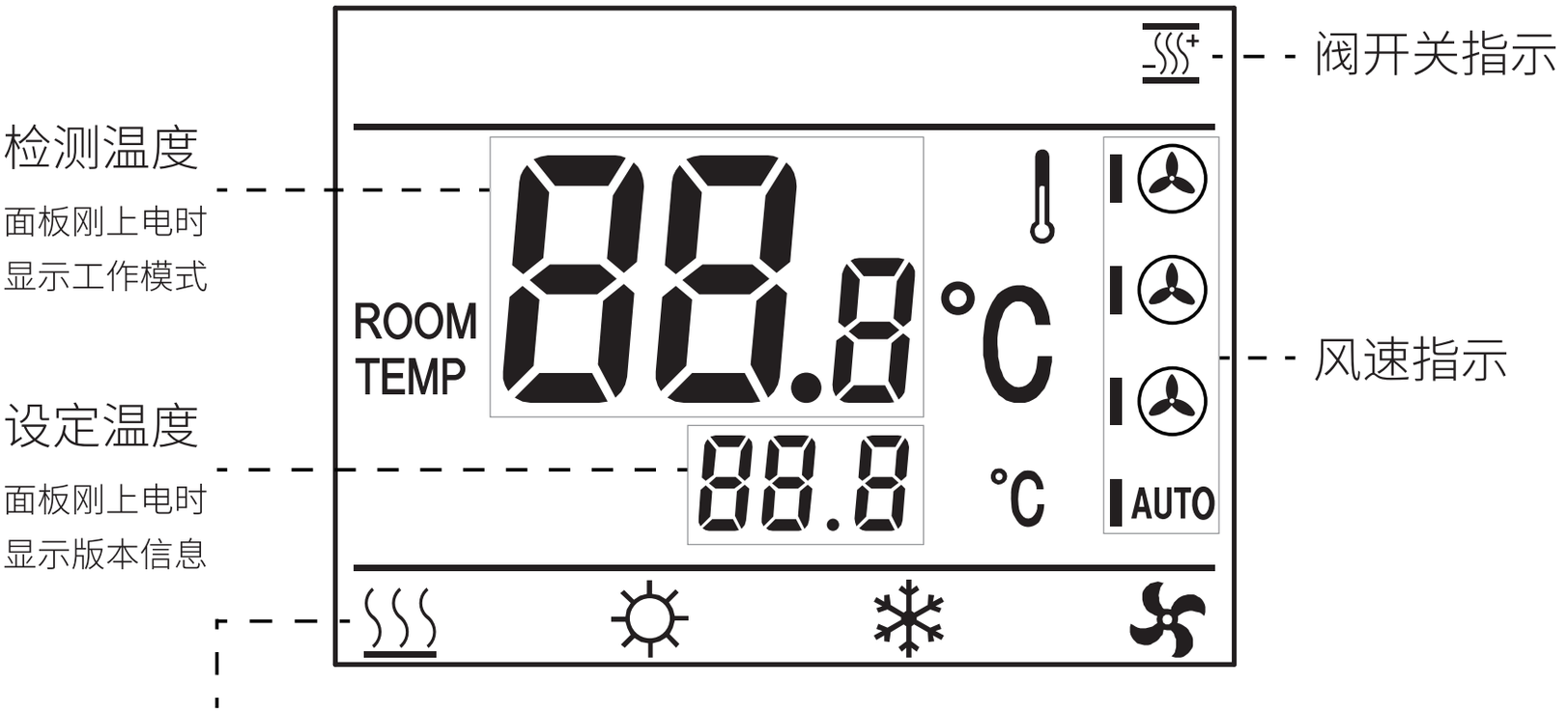
④ 取出面板，将面板扣到底部套件上， 确认上、下各两个卡扣到位，否则可能因为接触不良无法正常使用。



⑤ 打开安装处的电源，设备自动开启。

⑥ 配置好智慧中心，在 LifeSmart App 中点击“添加新设备”，选择“星玉温控面板”，参照 App 提示进行操作并完成配对。

显示说明



各工作模式下可设置的工作状态不同

	地暖制热
	盘管制热
	盘管制冷
	盘管冷热自动
	地暖+盘管制热
	独立指示风机

工作模式指示

若要修改工作模式，请进入系统菜单设置

tY.0	新风模式
tY.1	风机盘管(单阀) 模式
tY.2	水地暖模式
tY.3	风机盘管(单阀)+水地暖模式
tY.4	风机盘管(双阀)模式
tY.5	新风+水地暖模式

使用说明

① “ ⏻ ”控制开机或关机，在关机状态显示室温和OFF。

② “ △ ”和“ ▽ ”可以向上或向下调节设定温度值及相应的设置项。

③ 按“ 🌀 ”可设置风速，“ 🌀 ”为风速状态，分为低/中/高/自动四种风量状态。设为自动时，温控器会根据测量温度和设定温度的偏差自动调节风速，以达到舒适的环境。(水地暖模式无法设置风速)

④ “ ☼ ”可以切换工作状态，不同工作模式可支持的工作状态不同。

⑤ “ ♨ ”亮说明执行器或阀正在动作。

⑥ 同时按“ ☼ 🌀 ”2秒，控制器键盘就会被锁定。屏幕显示“ --_ ”。在键盘锁定状态下同时按“ ☼ 🌀 ”2秒，系统开锁。

⑦ 按任意键背光灯亮，5秒后自动熄灭。

⑧ 地暖+盘管制热模式下，设备将自动根据温差调节制热方式。

系统菜单设置

在关机状态下按“ ”开机并马上按“ ”进入高级功能设置，按“ ”向前或按“ ”向后可以选择设置其他参数，“ ”和“ ”来改变数值，按“ ”保存并退出系统菜单设置。

显示	设置	范围	出厂值
Fn	风机控制	OFF：阀停风机停 ON：阀停风机慢速	ON
bL	背光设置	OFF：自动亮5秒后关闭 ON：一直亮着背光灯	OFF
SAt	停电后 重新上电的状态	OFF：关机 ON：和停电前状态一致	OFF
CAL	温度校正	-8°C～8°C	0°C
dt0	传感器回差	0.3 °C～ 2.4°C	1.2°C
tP	工作模式	0 - 5	0
dEF	出厂设置	On:恢复出厂设置	OFF
Ct	显示色深	0 - 3	1

系统菜单设置

显示	设置	范围	出厂值
UFL	盘管模式限制	0：无限制 1：无新风 2：无制冷 3：无新风、无制冷 4：无制热 5：无新风、无制热 6：无制冷、无制热	0
FAL	风速限制	0：无限制（低+中+高） 1：单速（低） 2：双速（低+中）	0

声明

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技术支持

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iLifeSmart

用户支持邮箱
support@ilifesmart.com

网址
www.ilifesmart.com

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地址: 杭州市萧山区平澜路518号悦盛国际中心22楼

保修说明

感谢您购买LifeSmart产品。为了保障您的权益，请仔细阅读以下内容：根据国家三包政策规定，本公司的产品保修期为一年（自购买之日起计算，无法核实购买日期的，以出厂日期为准）。 在保修期内，凡属于正常使用情况下产品本身质量问题引起的故障本公司将给予免费保修。寄送保修前您可以拨打 400-886-1911 与我们的售后人员取得联系。

保修说明

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- 未按照使用说明书要求安装、使用、维护、保管导致的产品故障或损害的；
- 已经超出保修期限的；
- 擅自涂改、撕毁产品条形码；
- 擅自改动本身固有的配置文件或擅自拆机修理；
- 人为导致产品损害，例如输入不合适电压，高温，进水，机械损坏，摔坏，产品严重氧化或生锈等；
- 因不可抗拒力如地震、火灾、水灾、电击等导致的产品故障或损坏；
- 其他非产品本身设计、技术、制造、质量等问题而导致的故障或损坏。

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LifeSmart

Nature Thermostat

User Guide V1.0

Model: LS220 Thermostat Series

INTRODUCTION

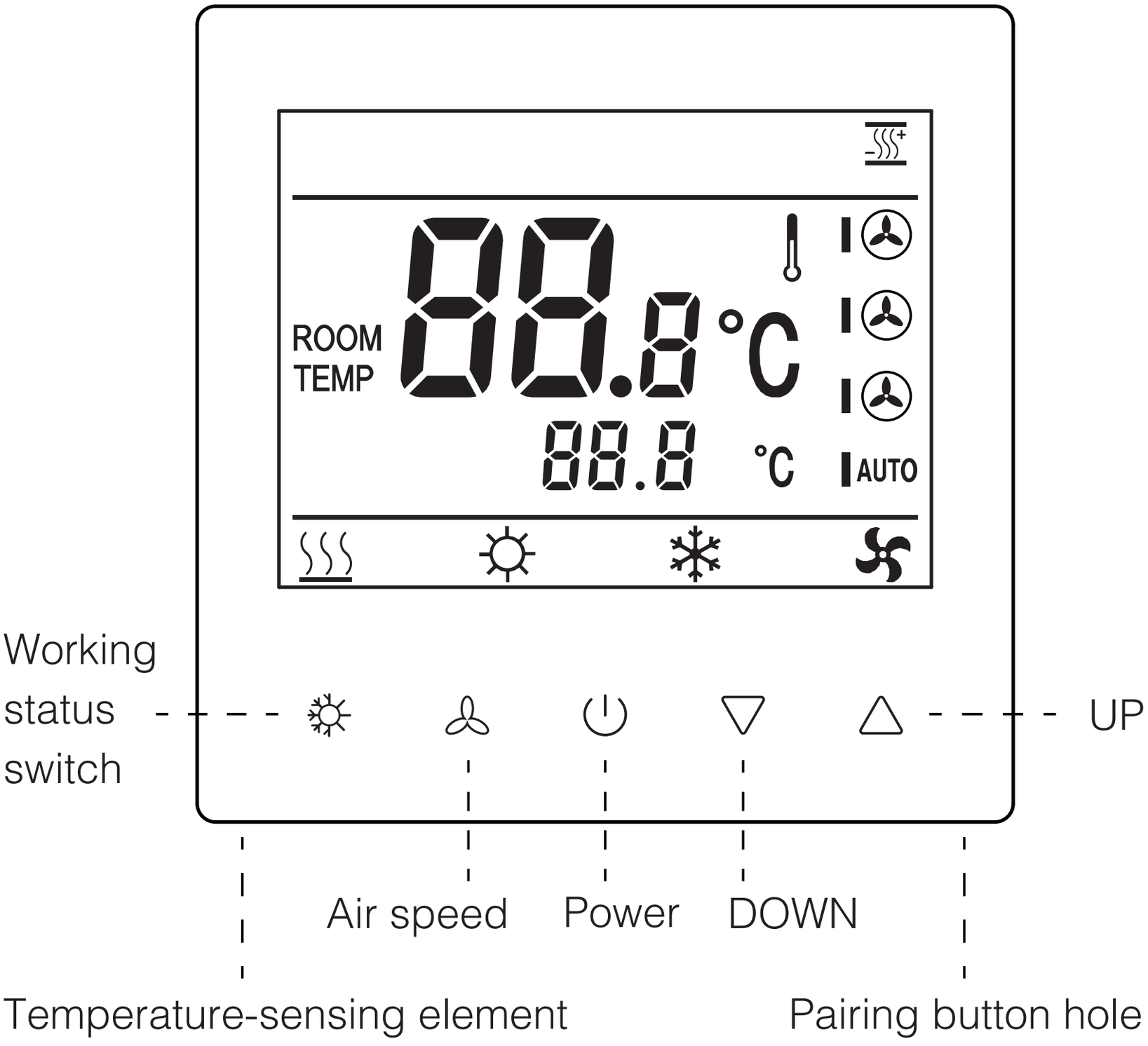
LifeSmart's Nature Thermostat has three fan speed interfaces and two valve interfaces for HVAC or floor heating system control and management. It is suitable for household, commercial and industrial scenarios. It controls the fan coil and electric valve, electric ball valve or air valve at the end of the HVAC or floor heating system.

Used with the Smart Station, the Nature Thermostat supports remote control, timing switching, intelligent linkage, voice control and other functions through mobile phone App.

SPECIFICATIONS

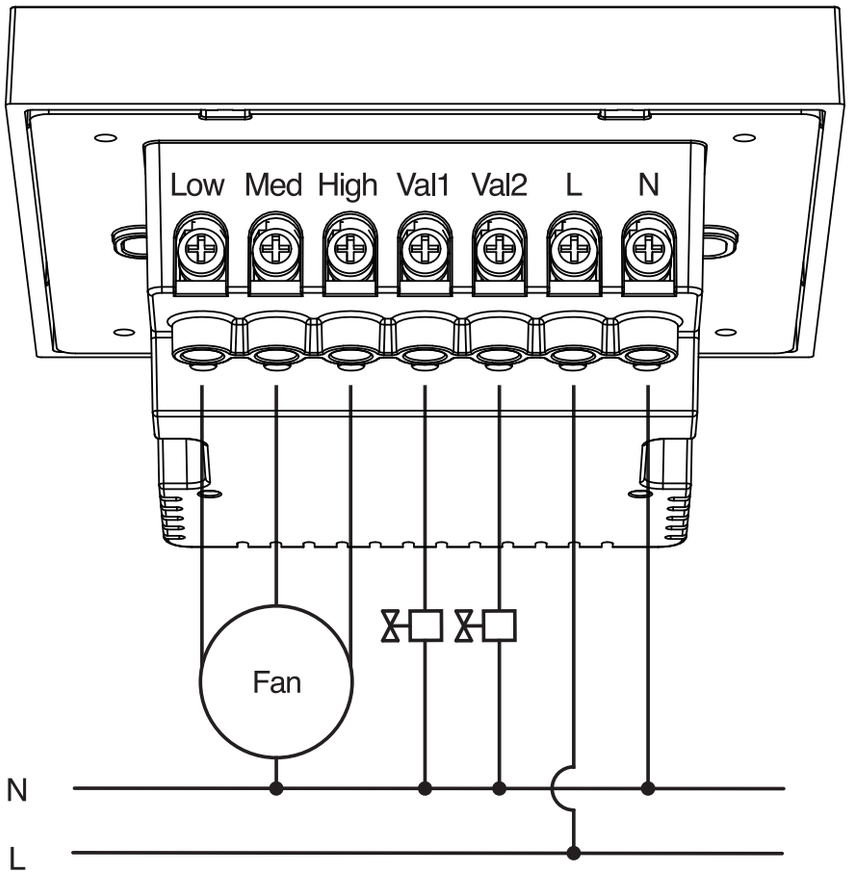
Size	Outside the wall: 86*86*11mm Overall: 86*86*36mm(Thermostat)
Weight	165g
Standby power	<0.6W
Input	AC 100-240V 50/60Hz
Maximum load	3A
Wireless protocol	CoSS
Wireless distance	200m(open field)
Operating temperature	-5~45°C
Operating humidity	5~90%
Temperature setting range	16~32°C (0.5°C/step)
Temperature-sensing element	Thermistor B=3380 10K @25°C

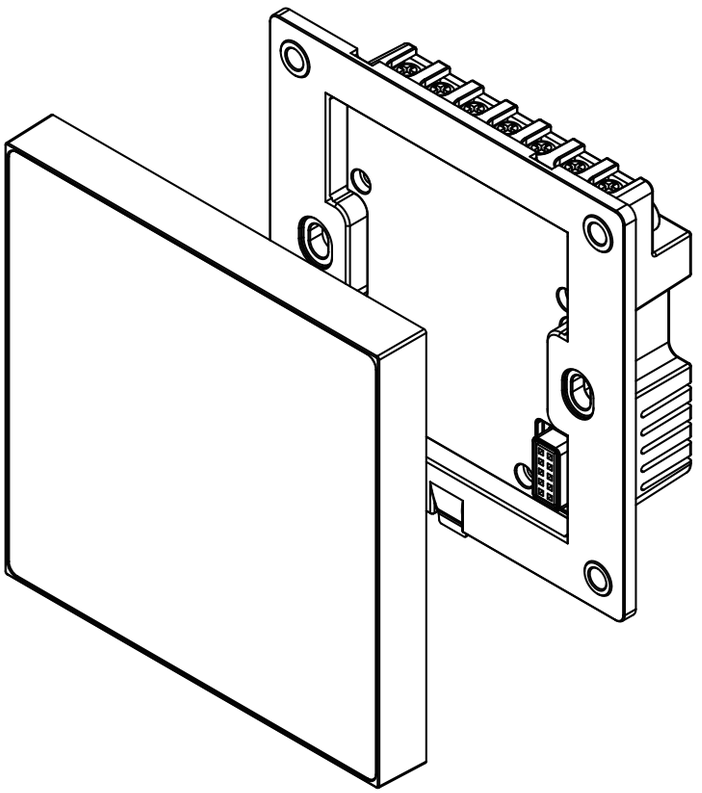
ILLUSTRATION



INSTALLATION

Working with Thermostat Control Accessory





NOTE: The Nature Thermostat supports multiple working modes and each mode has a unique wiring method, please according to the wiring instructions on the user guide of the Smart Control Accessory.
The working mode setting on the panel must be consistent with the actual wiring, otherwise it will not work properly and even damage the equipment.The installation involves high voltage and should be done by a professional electrician.

INSTALLATION

① Cut off the electrical power supply and make sure the wiring is not charged.

② Take out the smart control accessory and install it according to the wiring instruction, make sure all the wires are placed firmly.

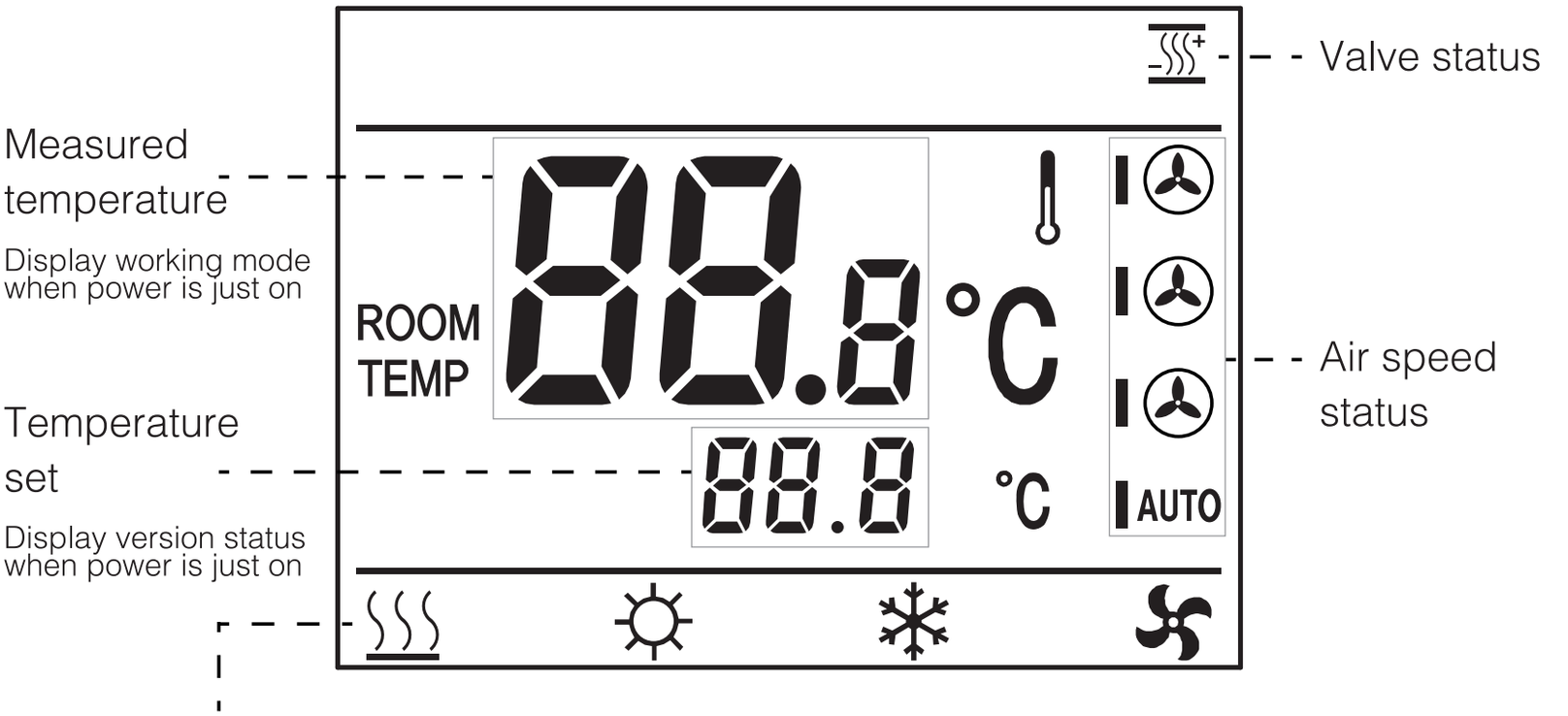
③ Place the wires in the cassette orderly, and fix the smart control accessory to the cassette with fixing screws.

④ Take out the panel and fix it to smart control accessory, make sure that the upper and lower two buckles are in place, otherwise it may not be able to be used normally due to poor contact.

⑤ Restore the power supply, the device will turns on automatically.

⑥ After configuration of the Smart Station, choose "**Add Device**" in LifeSmart App, select "**Nature Thermostat**" to enter pairing process. Follow the instruction on the app to finish pairing.

INSTRUCTION



Working status

The settable working status changes with the working mode

	Floor heating
	Fan coil heating
	Fan coil cooling
	Fan coil automatic heating and cooling
	Floor + fan coil heating
	Independent indicating fan

Working mode

To modify the working mode, please refer the system menu setting

tH.0	Ventilation mode
tH.1	Single fan coil mode
tH.2	Water floor heating mode
tH.3	Fan coil and water floor heating mode
tH.4	Dual fan coil mode
tH.5	Ventilation and water floor heating mode

INSTRUCTION

① " ⏻ " controls the power state. The room temperature and "OFF" are displayed in power-off state.

② " △ " and " ▽ " can be used to adjust the set temperature up and down, as well as corresponding setting items.

③ Press "  " to set the air speed, and "  " to set the air speed state (four air volume states including LO, MED, HI and AUTO). In AUTO mode, the thermostat will automatically adjust the air speed according to the difference between measured temperature and set temperature to make the environment comfortable.

④ "  " can realize changeover between different working status. The settable working status changes with the working mode.

⑤ "  " going on indicates that the actuator or the valve is operating.

⑥ The thermostat keybaord will be locked if "   " are pressed and held for 2s at the same time. The screen will display " −−_ ". The system will unlock the locked keyboard if "   " are pressed and held for 2s at the same time.

⑦ The backlight will turn on when any button is pressed and turn off automatically after 5s.

⑧ In Floor + fan coil heating status, the thermostat will automatically adjust the heating method according to the difference between measured temperature and set temperature.

SYSTEM MENU SETTING

In the power-off state, press “ ⏻ ” to power on, immediately press “ ” to enter the advanced function setting, press “ ” or “ ” to set other parameters, press “ ” and “ ” to change values, press “ ” to save and exit system menu setting.

Indication	Setting	Range	Factory default
Fn	Fan control	OFF: valve off and fan off ON: valve off and fan slow	ON
bL	Backlight setting	OFF: coming off after being automatically on for 5s ON: backlight always on	OFF
SAt	State after power failure	OFF: power off ON: same as that before power failure	OFF
CAL	Temperature calibration	-8°C～8°C	0°C
dto	Sensor hysteresis	0.3 °C～ 2.4°C	1.2°C
tP	Working mode	0 ~ 5	0
dEF	Factory default	ON: restore factory settings	OFF
Ct	Color depth	0 ~ 3	1

SYSTEM MENU SETTING

Indication	Setting	Range	Factory default
UCL	Coil mode limitation	0: no limits 1: no ventilation 2: no cooling 3: no ventilation, no cooling 4: no heating 5: no ventilation, no heating 6: no cooling, no heating	0
FAL	Fan speed limitation	0: no limits (low+middle+high) 1: one speed (low) 2: two speeds (low+middle)	0

WARRANTY DESCRIPTION

Thank you for purchasing this LifeSmart product. In order to protect your rights, please read the following content carefully: The warranty period of our company's products is one year from the date of purchase or longer if local laws impose a longer minimum term, in which case the minimum term is the warranty period. During the warranty period, any faults caused by the product itself or for quality problems that arise under normal usage, LifeSmart will provide a free replacement.

User support e-mail address

support@ilifesmart.com

Website

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Manufacturer: HANGZHOU LIFESMART TECHNOLOGY CO.,LTD.
Address: 22th Floor, Yuesheng International Center, 518 Pinglan Road, Xiaoshan District, Hangzhou, Zhejiang, China

ATTENTION

The following conditions are not covered by the warranty:

- Product failure or damage caused by installation, use, and maintenance that is not in accordance with the product instructions;
- Products beyond the warranty period;
- Products that have the barcode tampered with or removed;
- Devices that have been tampered with or customized outside of LifeSmart Terms Of Service as on the LifeSmart APP and website;
- User-caused damage, such as inappropriate voltage input, high temperature, accidental spillage, physical damage, etc;
- Product failure or damage caused by force majeure such as earthquakes, fires, or floods;
- Product failure or damage caused by other problems except the product itself.

DECLARATION

DECLARATION OF CONFORMITY

Hereby, LifeSmart declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

http://global.ilifesmart.com/ce/docs/

Notice: This device may be used in each member state in EU.

DISPOSAL AND RECYCLE INFORMATION



Device labelled with this symbol should not be disposed with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.

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