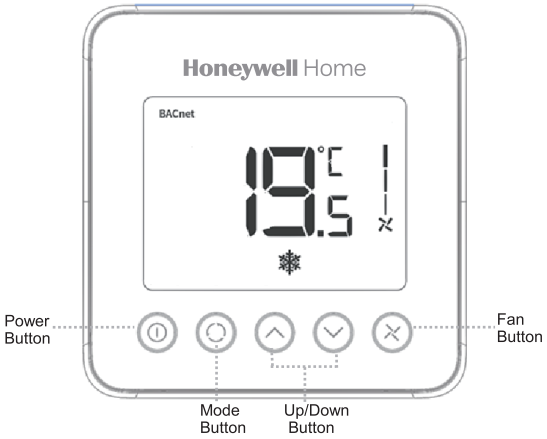
Honeywell Home

TFxNAP Series

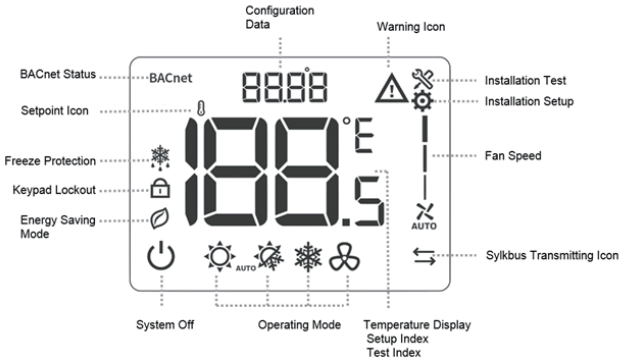
Sylk Digital Thermostat Wall Module

INSTALLATION GUIDE

Wall Module Appearance



LCD Display

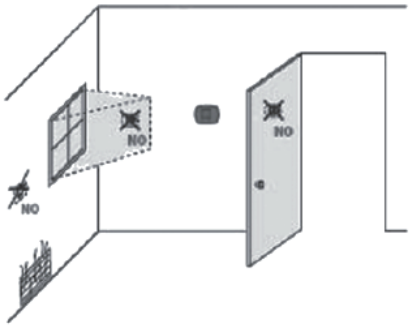


Must be installed by a trained, experienced technician

- Make sure the devices are all used in the isolated internal network, only the authorized person could operate the devices and access to the network.
- Read this instruction carefully. Failure to follow this instruction can damage the product or cause a hazardous condition.
- Check the product ratings to verify that this product is suitable for your application.
- The wall module shall work with TF series driver.
- Always test for proper operation after installation.

Installation Tips

Install the wall module about 5 feet(1.5m) above the floor in an area with good airflow at average temperature.



Do not install in location where the wall module can be affected by:

- Drafts or dead spots behind doors and in corner
- Hot or cold air from ducts
- Sunlight or radiant heat from appliances
- Concealed pipes or chimneys
- Unheated/uncooled area such as an outside wall behind the thermostat

Pre-installation Checklist

Check to make sure your package includes the following items:

- Wall module and terminal wire 1 SET
- Wall module mounting screw 2 PCS
- Wall module wiring connector 2 PCS
- Wall module installation guide (this booklet) 1 PCS

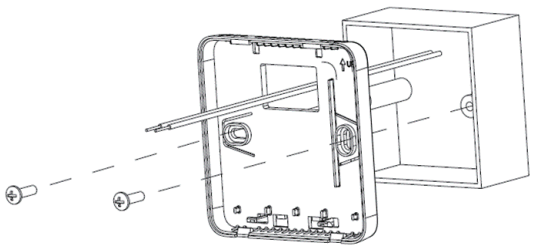
Terminal Designations

Tips: Sylk terminals have no polarity.

Terminal#	Terminal Name	Description of Function
1	Sylk	Sylk terminal
2	Sylk	Sylk terminal

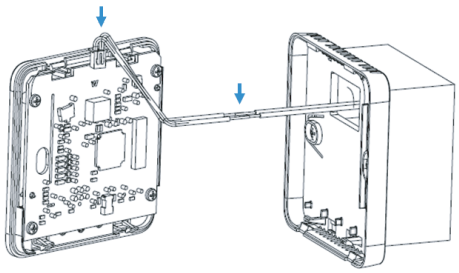
Installation

1.Place the wall module back cover over junction box, insert and tighten mounting screws.

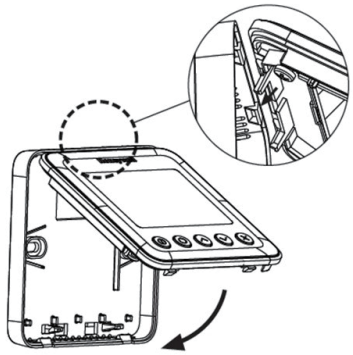


R32347285-001 Rev.B

2.Insert the terminal wires and connect SYLK communicating wires of the driver with wiring connectors.

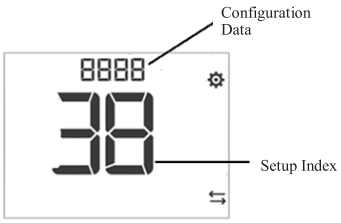


3.Align tabs on the back cover with corresponding slots on the back of the wall module, and then push it until the wall module snaps in place.



Installer Setup

Press and hold ◯ and ∧ buttons 3 seconds to enter setup mode.



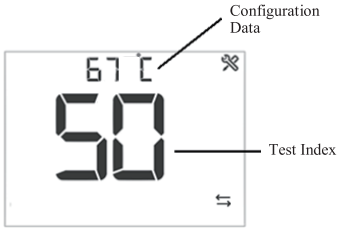
- Press ∧ or ∨ button to change the setting
- Press ◯ button to switch to next item
- Press ◯ and ∧ buttons and hold 3 seconds to exit setup mode and save the settings
- Press ✕ button to change digital position when setup Device ID.

ISU Code	Description	Configuration Data
0	BACnet MAC Address	0~99, **default 1**
1	System Type	0 - Heat only
		1 - Cool only
		2 - Two pipe manual (default)
		3 - Two pipe auto
		4 - Four pipes manual
		5 - Four pipes auto

ISU Code	Description	Configuration Data
2	Sensor Option	**0 - Onboard Sensor(default)**
		1 - Remote Sensor
3	Hotel Card (Dry Contact)	**0 - Disabled (default)**
		1 - Enabled
4	Window Contact (Dry Contact)	**0 - Disabled (default)**
		1 - Enabled
12	Hotel Card Option	**0 - NO (default)**
		1 - NC
13	Window Contact Option	**0 - NO（default）**
		1 - NC
20	Temperature Scale	0 - °F
		1 - °C (default)
21	Fan Control Type	0 - Cycle only
		1 - Constant only low-med-high
		2 - User can choose Cycle or Constant (default), Low - Med - High - Auto
26	Display Temperature adjustment	-5°C ~ 5°C (-10°F ~10°F), **default 0**, step 0.5°C(1°F)
27	Temperature Display Mode	**0 - display room temperature (Default)**
		1 - display Setpoint
28	Minimum range stop of setpoint	10°C ~ 32°C(50°F~90°F), **default 10°C (50°F),** step 0.5°C(1°F)
29	Maximum range stop of setpoint	10°C ~ 32°C(50°F~90°F), **default 32°C (90°F),** step 0.5°C(1°F)
30	Keypad lockout	**0 - All keys are available (Default)**
		1 - System button Locked out
		2 - Fan and System button Locked out
		3 - All button locked out except power button
		4 - All buttons are locked
32	ES Heating Setpoint	Range 10~21ºC **Default : 18 ºC** (Range 50~70ºF **Default : 64**)
33	ES Cooling Setpoint	Range 22~32ºC **Default : 26 ºC** (Range 72~90 ºF **Default : 79 ºF**)
35	Power recovery Status	0 - OFF
		1 - Previous Status (Default)
37	Fan mode in ES mode	0 - Run at auto fan speed when ISU_21 =2
		1 - Run at low fan speed when ISU_21 = 2 (Default)
38	Device ID	0~9999, **Default 5555**

Installer Test

Press ∧ and ∨ buttons and hold 3 seconds to enter Installer Test mode.



- Press ∧ or ∨ button to change the configuration data
- Press ◯ button to switch to next index
- Press ∧ and ∨ buttons and hold 3 seconds to exit test mode

Index	Description		Configuration Data
10	VO (TF228AD/ TF428AD)		0 - Off
			1 - On
10	VM (TF223AD)		0 - 0V output
			1 - 2.5V output
			2 - 5V output
			3 - 7.5V output
			4 - 10V output
30	VO2 (TF428AD)		0 - Off
			1 - On
40	Fan control		0 - Fan Close
			1 - Low Speed on
			2 - Medium Speed on
			3 - High Speed on
50	Pipe Sensor		Temperature value, If out of range, display "--".
60	Remote Setback 1		0 - Open
			1 - Close
70	Remote Setback 2		0 - Open
			1 - Close
80	Application No.		0 - TF228AD
			1 - TF428AD
			2 - TF223AD
90	91	Software main version	01
	92	Software vice version	01
	93	Configuration Data Main version	01

Error Code

Error Code	Error Information	Description
E1	Room Temperature error	The room temperature is higher than 48°C or lower than -10°C
E2	Sylkbus communication error	Sylkbus communication is failure.
E3	Pipe temperature error	The temperature of pipe sensor is higher than 93° C or lower than 0°C
E4	Room temperature and Sylkbus error	Room temperature and Sylkbus communication are both failure.
E5	Room temperature and Pipe temperature error	Room temperature and pipe temperature are both failure.
E6	Sylkbus and pipe temperature error	Sylkbus communication and pipe temperature are both failure.
E7	Room temperature, pipe temperature and Sylkbus error	Room temperature, pipe temperature and Sylkbus are all failure.

Hazardous Substances and Content of the Product.

Parts	Hazardous substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
PCBA	X	O	O	O	O	O
This table is based on SJ/T 11364.						
O: the hazardous substances content in the related part are less than the limit in GB/T 26572 standard.						
X: the hazardous substances content in the related part are more than the limit in GB/T 26572 standard.						

Other parts all conform to China RoHS requirements.

WEEE Directive 2012/19/EU

At the end of the product life dispose of the packaging and product in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.

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1180 Rolle, Switzerland

Country of origin: China

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