

Honeywell TH8320ZW Thermostat Integration Release Notes

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Preface

For information on Z-Wave and ClareHome, see <u>Installing Z-Wave with</u> <u>ClareHome Tech Bulletin (DOC ID 1162)</u>.

Notes

- When installing Z-Wave devices, ensure that there is nothing inhibiting their signal. Z-Wave relies on radio signals. Metal or thick walls may limit their signal strength.
- We recommend having 2 or more repeating Z-Wave devices.

Introduction

The Honeywell TH8320ZW is a Z-Wave thermostat that has been tested and certified for integration with the ClareHome system.

By integrating the Honeywell thermostat to a ClareHome control system, your customers can send commands to the thermostat to change the modes, cool and heat settings, and the fan status from their mobile iOS devices or Android smartphone.

When integrating the Honeywell thermostat into your ClareHome project, no extra connection is necessary. Install the thermostat according to the Honeywell documentation, and then connect it to the home network using Z-Wave.

The Honeywell thermostat integrates with the ClareHome system in a way similar to the existing HVAC integrations. All HVAC integrations share a common UI, so that the user experience is consistent.

Temperature settings can be controlled via events. Use Fusion's Scenes and Rules to automate the actions your customers want.

The following figure shows the Honeywell controls on the ClareHome UI.



Figure 1: User interface of the Honeywell thermostat

- (1) Temperature setting displays on the ClareHome UI in Fahrenheit.
- (2) Change the Heat set point by sliding the indicator left/right on the bar.
- (3) Change the Heat set point by sliding the indicator left/right on the bar.
- (4) Change the Operation mode by tapping the desired radio button.
- (5) Change the Fan mode by tapping the desired radio button.

Installing the Honeywell thermostat

A qualified installation technician should install the Honeywell thermostat. Refer to the documentation that came with the thermostat for detailed installation instructions.

Pairing and removing the thermostat in ClareHome

Pair the thermostat to the project.

Note: You will need access to the physical thermostat device.

To add the thermostat in the ClareHome app:

1. Tap the ClareHome app's **Devices** page.



2. Tap + Add Device.

	Dev	ices	+ Add Device	
		Туре		
	Ĵ	Access		
	6	Climate		
	•	Entertainment		
	Ø	Fireplace		
_	Q	Lighting		

3. Tap Add Devices.



4. Select the device category (Z-wave).

<	Add a Device	
ŀ	Access	>
Ð	Cameras	>
0	Climate	>
Ģ	Lighting	>
•••	Music	>
\mathbf{U}	Security	>
(((Sensors (Non-security)	>
٢	Water	>
((ĭ≚	Z-Wave	>

5. Read through the displayed information, and then tap **Add Z-Wave Device**.



6. Read the Z-Wave information, and then tap **Start Discovery Mode**.



7. Access the thermostat, and then press the **System** button.

The face of the thermostat changes.

FAN ON SYSTEM	Inside Set To Set To COOL ON COOL ON
COOL	

8. Press and hold the third and fifth buttons simultaneously until the screen display changes.



- 9. Using the up and down arrows, set the first function to **RF10**.
- 10. Set the second function to **01** to include the thermostat.



Note: To exclude the thermostat, remove it from the Z-Wave network, set the second function to **00**.

- 11. The thermostat will be added when the second function is selected. Press **DONE** to return to the home screen.
- 12. Once paired in, the Edit Device page displays.

Customize the device name and location as desired, tapping **Save** when done.

Note: For scenes, notifications, schedules, and automations configuration, see <u>*ClareHome App Guide*</u> (DOC ID 1750)</u>.

To remove the thermostat using ClareHome:

1. Tap the ClareHome app's **Devices** page.



- 2. Tap **Z-Wave**.
- 3. Tap the 3 dots next to the thermostat, and then tap **Remove**.

< Edit Devices	\$
	:
	:
	• • •
	* * *
	Edit
	Remove

4. Read through the displayed information, and then tap **Start Removal Mode**.



5. Access the thermostat, and then press the **System** button.

The face of the thermostat changes.



6. Press and hold the third and fifth buttons simultaneously until the screen display changes.



- 7. Using the up and down arrows, set the first function to **RF10**.
- 8. Set the second function to **00** to exclude/remove the thermostat.



Pairing and removing the thermostat in FusionPro

Pair the thermostat to the project.

To add the thermostat in FusionPro:

1. Click **Accounts** in the side menu.

Fusionpro	Welcome !			Company: Clare Controls
Home		1 offline		5 Interactive Plus LTE
Accounts	28	3 unconfigured	24	12 Interactive
Dompanies	Total Accounts	24 online	Paid Service Plans	7 Interactive Plus 0 Basic
🗈 All Staff		Add Account		
i Help Center	Dealer News			
		this powerful new platform. FusionPro is	s a major new back-end platform that will sim; gned to facilitate your RMR. Read More	blfy and transform how you install

2. Locate the desired account in the list, and then click **View**.

The Account sub-menu is now available.

┍ • ∞		to Accounts					Legacy F	usion
Fusionpro	Nygi	ma - 61 Gardens	3					
	Dealer	r: Enterprises	System Status: 🔵 Online	Service Plan: Interactive Plus	ELTE UUID: AC:5D:			
, Home	<	Summary	Customer Info	Service Plans	Devices	Actions	Test	>
Accounts								
🗈 Companies		3	3 Online	23	22 Scene		Enrolled: 06/19/2020	
🗈 All Staff		J Devices		ک ے Actions	1 Automation	Interactive Plus LTE		
i Help Center			+ Add Device		+ Add Action		Update Plan	
		Cellular		WiFi	ŝ	OVIC	Open OvrC	
		Primary Cont	act	Edit	System Info			
		E		First Name	AC:5D:		UUID	
		Nygma		Last Name	192.168.0.5		Network IP Address	

3. Click the **Devices** tab, and then click **Add Devices**.

— . "	< Back to Accounts Nygma - 61 Gardens					Legacy Fu	usion
		iystem Status: 🔵 Online S	ervice Plan: Interactive Plus	LTE UUID: AC:5D:			
. Home	< Summary	Customer Info	Service Plans	Devices	Actions	Test	>
Accounts						Remove Z-Wave	e
🗈 Companies	Devices					Add Devic	es
🗈 All Staff	Devices						
i Help Center	3 Devices • 3 Onlin	ne 🔹 Offline 🍙 l	Jnconfigured Q Se	arch	≢ C		
	Name	Category	Туре	Area	Status		
	Desk Panel	Security	Clare Controls ClareOne		Online	Edit Delet	te
	Garage Door 2	Access	Chamberlain MyQ Garag	e Door	Online	Edit Delet	te
	Garage Door Opener	Access	Chamberlain MyQ Garag	e Door	Online	Edit Delet	te

4. Select the device category (**Z-Wave**).

	< Back to	Accounts					Legacy	Fusion
Fusionpro	Nygr	na - 61 Garo	lens					
	Dealer:	Vayne Enterprises	System Status: 🔵 Online	Service Plan: Interactive Plus	ITE UUID: AC:5D:			
. Home	<	Summary	Customer Info	Service Plans	Devices	Actions	Test	>
Accounts			Add a Device					
📭 Companies			Choose a type of device	e below to continue				
📭 All Staff			Access			>		
i Help Center			🕁 Cameras			>		
			L Climate			>		
			${igodoldsymbol{Q}}$ Lighting			>		
			Music			>		
			Security			>		
			Sensors (No	on-security)		>		
			Nater			>		
			\widehat{zw} Z-Wave			>		
				Car	ncel			

5. Click Add a Z-Wave Device, and then click Start Discovery Mode.



A popup displays waiting for a notification from the device.



6. Access the thermostat, and then press the **System** button.

The face of the thermostat changes.



7. Press and hold the third and fifth buttons simultaneously until the screen display changes.



8. Using the up and down arrows, set the first function to **RF10**.

9. Set the second function to **01** to include the thermostat.



Note: To exclude the thermostat, remove it from the Z-Wave network, set the second function to **00**.

- 10. The thermostat will be added when the second function is selected. Press **DONE** to return to the home screen.
- 11. Once the device is added, change the name and area as desired, and then click **Save**.

<	Summary	Customer Info	Service	Plans	Devices	Actions	>
Edit D)evice						
Bas	ic Device Info			Advan	ced Configuration		
	ee Name * mostat	Honeywell - Type Thermostat					
	Manage Areas elect an Area -	 Online 	Status				
Sa	ive						
Back	to Devices						

To remove the thermostat with FusionPro:

1. Click **Accounts** in the side menu.

				Company: Clare Controls
Fusionpro	Welcome!			
	Log into Fusion			
	Log into rusion			
. Home		1 offline		5 Interactive Plus LTE
Accounts	20	3 unconfigured	24	12 Interactive
Accounts	28	-	24	7 Interactive Plus
🗈 Companies	Total Accounts	24 online	Paid Service Plans	-
		Add Account		0 Basic
🖦 All Staff				
i Help Center	Dealer News			
	FusionPro - Overview and Reso	urces		
		his nowerful new platform. FusionPro i	is a major new back-end platform that will simp	lify and transform how you install
			gned to facilitate your RMR. Read More	any one denoron non you mataii

2. Locate the desired account in the list, and then click **View**. The Account sub-menu is now available.

	< Back t	o Accounts					Legacy F	usion
Fusion pro [®]	Nygn	na - 61 Garden	S					
	Dealer:	Enterprises	System Status: 🔵 Online S	Service Plan: Interactive Plu	s LTE UUID: AC:5D:			
, Home	<	Summary	Customer Info	Service Plans	Devices	Actions	Test	>
Accounts								
🚌 Companies		3	3 Online	23	22 Scene		Enrolled: 06/19/2020	
🗈 All Staff		J Devices		ک ے Actions	1 Automation	Interactive Plus		
i Help Center			+ Add Device		+ Add Action		Update Plan	
		Cellular	l	WiFi	(î:	OVIC	Open OvrC	
		Primary Cont	act	Edit	System Info			
		E		First Name	AC:5D:		UUID	
		Nygma		Last Name	192.168.0.5		Network IP Address	

3. Click the **Devices** tab, and then click **Remove Z-Wave**.

	< Back to Accounts					Legacy Fusion
usionpro	Nygma - 61 Garden	S				
	Dealer: Wayne Enterprises	System Status: Online	Service Plan: Interactive Plus L	TE UUID: AC:5D:		
Home	< Summary	Customer Info	Service Plans	Devices	Actions	Test >
Accounts						Remove Z-Wave
Companies	Devices					Add Devices
All Staff	Devideo					
	3 Devices 3 0	nline	Unconfigured Q Sear	ch	≢ C	
Help Center	0 Devices	•			↔ ∪	
Help Center	Name	Category	Туре	Area	Status 个	
Help Center						Edit Delete
Hep Center	Name	Category	Туре	Area	Status 个	Edit Delete Edit Delete

4. Click Start Removal Mode.

	Remove a Z-Wave Device
l	Let's get started removing the device by doing the following:
	 Confirm the device is powered on and as close to the controller as possible Tap Start Removal Mode below to start the 5-minute removal mode Put your device into unpairing mode when prompted
	Only put one device into unpair mode, as devices are removed one at a time.
	Cancel Start Removal Mode
	ess unamperiain MVU Garane Unor

5. Access the thermostat, and then press the **System** button.

The face of the thermostat changes.



6. Press and hold the third and fifth buttons simultaneously until the screen display changes.



- 7. Using the up and down arrows, set the first function to **RF10**.
- 8. Set the second function to **00** to exclude/remove the thermostat.



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