



CERV-ICE Alexa Skill Setup and Usage Guide



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About the CERV-ICE Skill

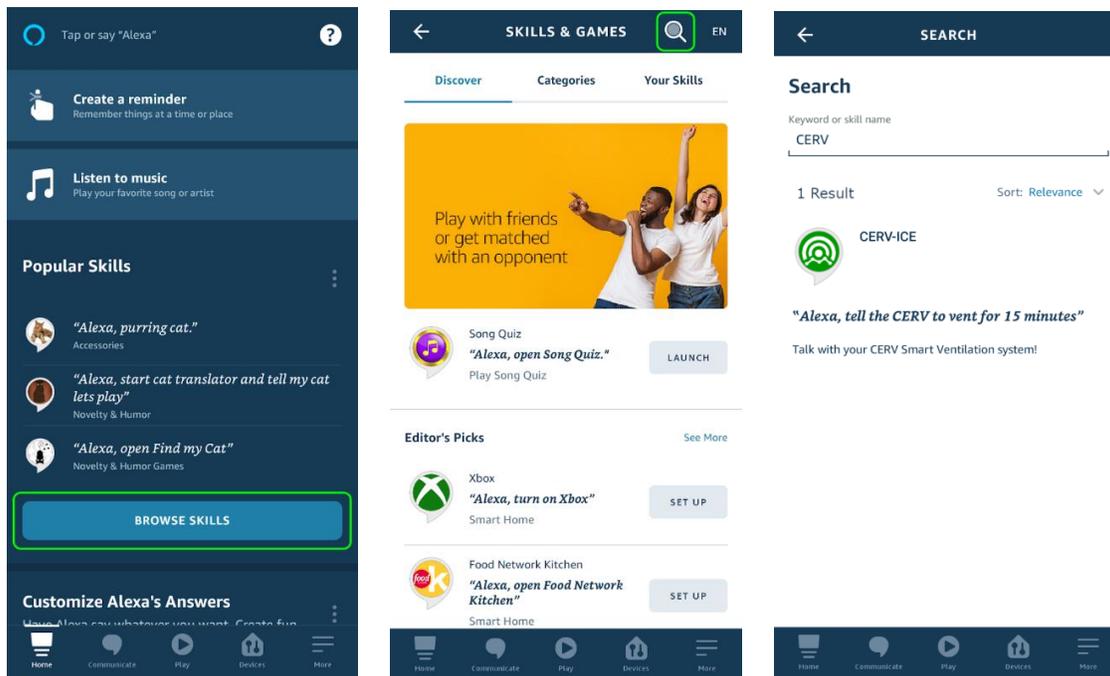
Now you can talk with your CERV Smart Ventilation system! We've worked hard to build a list of easy-to-remember commands to let you intuitively interact with your CERV through your Alexa device.

Want to know what your indoor air quality is? Just ask! Kitchen a bit smoky from the burnt popcorn you forgot about? Tell the CERV to vent! Need custom commands to trigger CERV functions, change setpoints, or add time-of-day scheduling? Simply create your own routines.

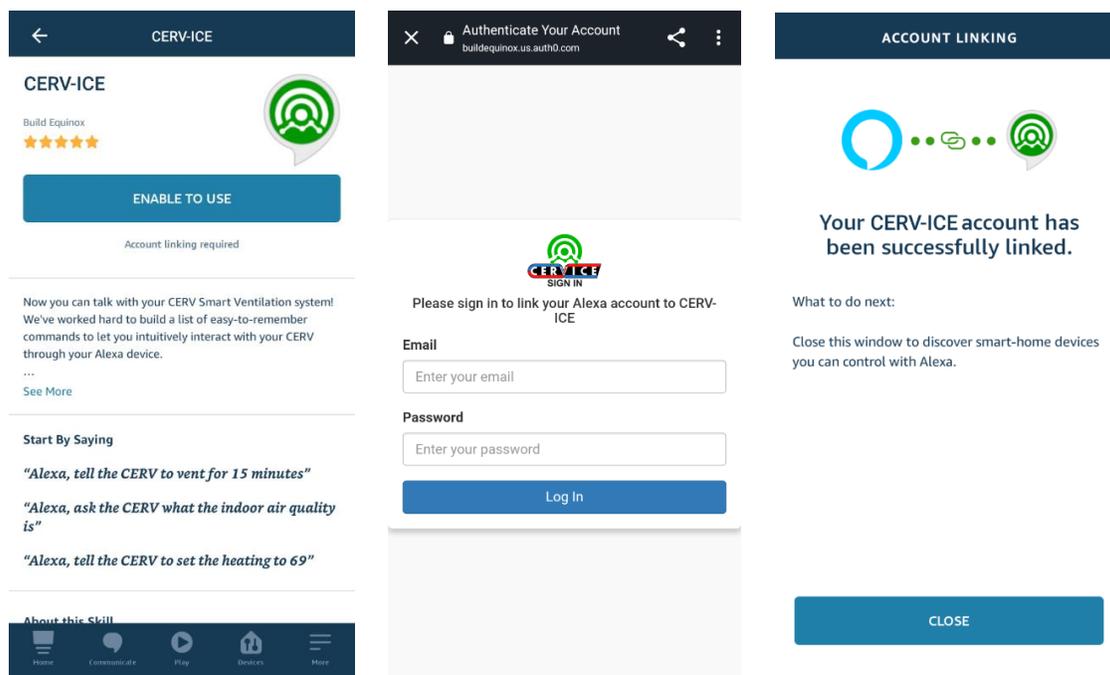
This skill works for both the 1st generation CERV and the CERV2. Your CERV system must be connected to the internet for the skill to link with your existing CERV-ICE account. If you have not created a CERV-ICE account for your CERV yet, go to www.buildequinox.com/cervice to create an account. Alternatively, download the CERV-ICE app from the Google Play store or the Apple Store. Search for “CERV” or click the store links below.



Getting Started - Add the CERV-ICE Skill to your Alexa



From the home screen of the Alexa app, press the Browse Skills button, then press the Search Icon in the top right corner of the screen. Search for the keyword: CERV, and then select the CERV-ICE skill.



In the CERV-ICE skill, press the "Enable to Use" button. The app will now prompt you to log-in to your CERV-ICE account. Enter the email address and password that you use to sign in to CERV-ICE (not your Alexa sign-in information).

Once your CERV-ICE account has been linked to the Alexa skill it will "discover" your CERV and enable it for use with Alexa.

Commands - Talk to the CERV

Now that the CERV has been linked, give it a try! Here's a list of some common commands and questions you can use. When saying "CERV" it is pronounced "serve".

Indoor Air Quality

- Alexa, ask the CERV what the indoor air quality is
- Alexa, ask the CERV what the pollutant level is
- Alexa, ask the CERV what the IAQ is
- Alexa, ask the CERV what's the pollutant level
- Alexa, ask the CERV what's the indoor air quality
- Alexa, ask the CERV what's the IAQ
- Alexa, ask the CERV what's the CO2 level
- Alexa, ask the CERV what's the carbon dioxide level
- Alexa, ask the CERV what's the VOC level
- Alexa, ask the CERV what's the volatile organic compound level

Alexa Responds: "The current CO2 level is (X) and the VOC level is (X) parts per million."

Indoor Temperature / Relative Humidity

- Alexa, ask the CERV what's the indoor temperature
- Alexa, ask the CERV what's the indoor relative humidity
- Alexa, ask the CERV what's the temperature inside
- Alexa, ask the CERV what's the relative humidity inside

Alexa Responds: "The CERV's indoor temperature is (X) degrees Fahrenheit with (X) percent relative humidity."

All Conditions / Current Status

- Alexa, ask the CERV what its current status is
- Alexa, ask the CERV what it's doing
- Alexa, ask the CERV what's going on
- Alexa, ask the CERV for a state report
- Alexa, ask the CERV what's up
- Alexa, ask the CERV for its current status

Alexa Responds: "The CERV is currently in recirculation heating mode. The indoor temperature is 69 degrees Fahrenheit with 42 percent relative humidity. The current CO2 level is 650 and the VOC level is 524 parts per million."

Set Heating Temperature Setpoint

Input: 50F - 85F / 12C - 17C (Heating Setpoint must be below Cooling Setpoint)

- Alexa, tell the CERV to set the lower setpoint to 61
- Alexa, tell the CERV to set the heating to 61 Fahrenheit
- Alexa, tell the CERV to set the heat to 18 Celsius

Alexa Responds: "OK, the CERV's heating setpoint is now 61 degrees Fahrenheit."

Get Heating Setpoint

Alexa, ask the CERV what's the lower setpoint
Alexa, ask the CERV what's the heat set to
Alexa, ask the CERV what's the heating setpoint

Alexa Responds: "The CERV's heating setpoint is 61 degrees Fahrenheit."

Set Cooling Temperature Setpoint

Input: 50F - 85F / 12C - 17C (Cooling setpoint must be above Heating setpoint)

Alexa, tell the CERV to set the upper setpoint to 79
Alexa, tell the CERV to set the cooling to 79 Fahrenheit
Alexa, tell the CERV to set the cool setpoint to 23 Celsius

Alexa Responds: "OK, the CERV's cooling setpoint is now 79 degrees Fahrenheit."

Get Cooling Setpoint

Alexa, ask the CERV what's the upper setpoint
Alexa, ask the CERV what's the cooling set to
Alexa, ask the CERV what's the cooling setpoint

Alexa Responds: "The CERV's cooling setpoint is 79 degrees Fahrenheit."

Set IAQ Setpoint

Input: 600ppm - 2000ppm

Alexa, tell the CERV to set the pollutant setpoint to 900
Alexa, tell the CERV to set the IAQ setpoint to 950 ppm
Alexa, tell the CERV to set the indoor air quality setpoint to 900 parts per million
Alexa, tell the CERV to set the ventilation setpoint to 900

Alexa Responds: "OK, the CERV's indoor air quality setpoint is now 900 parts per million."

Get IAQ Setpoint

Alexa, ask the CERV what's the VOC setpoint
Alexa, ask the CERV what's the CO2 setpoint
Alexa, ask the CERV what's the pollutant setpoint
Alexa, ask the CERV what's the IAQ setpoint
Alexa, ask the CERV what's the indoor air quality setpoint
Alexa, ask the CERV what's the ventilation setpoint

Alexa Responds: "The CERV's indoor air quality setpoint is now 900 parts per million."

Set Scheduled Ventilation

Input: 0 – 100%

Alexa, tell the CERV to set the scheduled ventilation to 10 percent

Alexa Responds: "OK, the CERV's scheduled ventilation is set to 10 percent."

Get Scheduled Ventilation

Alexa, ask the CERV what's the scheduled ventilation

Alexa Responds: "The CERV's scheduled ventilation is 10 percent."

Triggering Ventilation

Input: 5 minutes - 120 minutes

Alexa, tell the CERV to set the triggered ventilation to 15 minutes

Alexa, tell the CERV to vent for 15 minutes

Alexa, tell the CERV to trigger ventilation for 15 minutes

Alexa Responds: "OK, the CERV will ventilate for 15 minutes."

Query Vent Time

Alexa, ask the CERV what's the triggered vent time

Alexa, ask the CERV what's the triggered vent status

Alexa, ask the CERV how much longer it will vent

Alexa, ask the CERV how much more triggered ventilation is left

Alexa Responds: "The CERV has 10 minutes of triggered ventilation remaining"

Cancelling Vent Time

Alexa, tell the CERV to stop venting

Alexa, tell the CERV to stop triggered ventilation

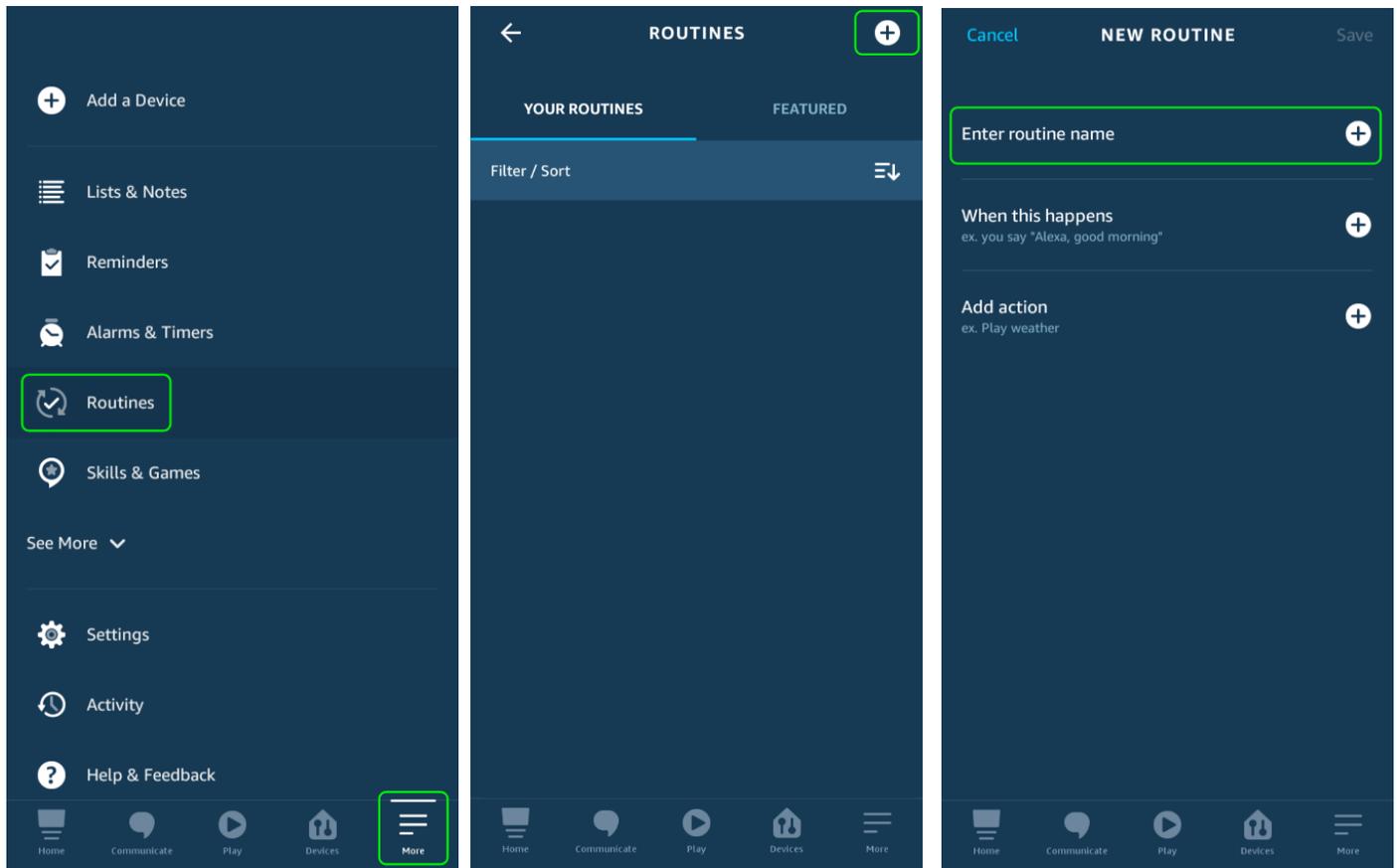
Alexa, tell the CERV to cancel the ventilation timer

Alexa Responds: "OK, the CERV triggered ventilation timer has been cancelled."

Advanced – Smart Home Routines

Are the above commands not enough for you? Alexa has powerful home automation features in the form of “Routines”. Routines are easy to program, and in the form of “if this event happens, do that action”. [You can learn more about Alexa’s routine capabilities here.](#)

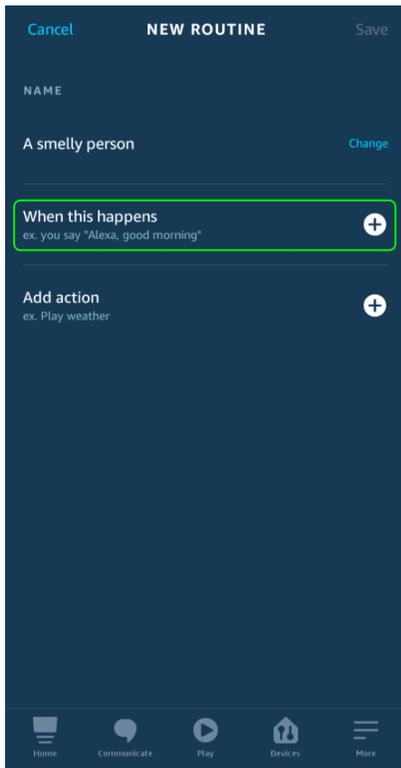
Let’s go through a quick example to show how to set up a routine with the CERV. In this scenario, we’re going to create a routine that tells the CERV to ventilate when a certain command is spoken to Alexa.



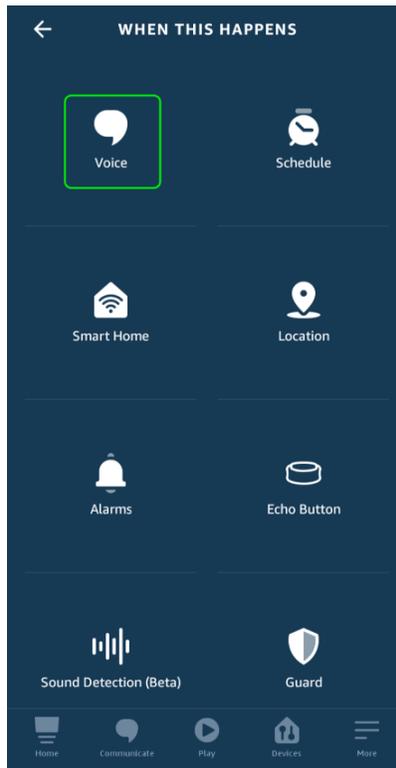
From the Alexa App, first press the “More” button in the bottom right corner, then press “Routines”.

Press the Add icon in the top right corner of the Routines screen.

Press “Enter routine name” and enter a name for this routine, then press Next.



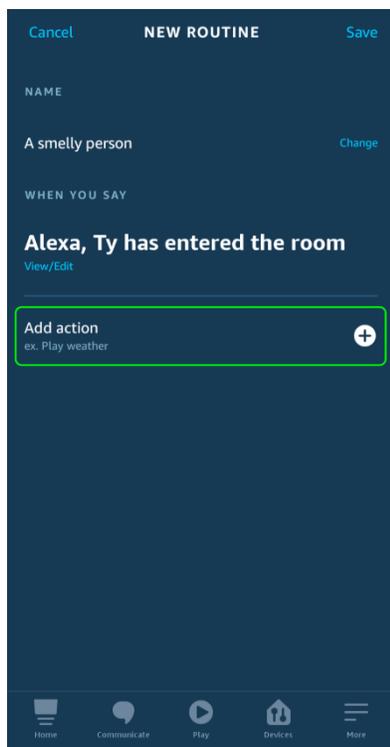
Now we will set the “trigger”. Press “When this happens”.



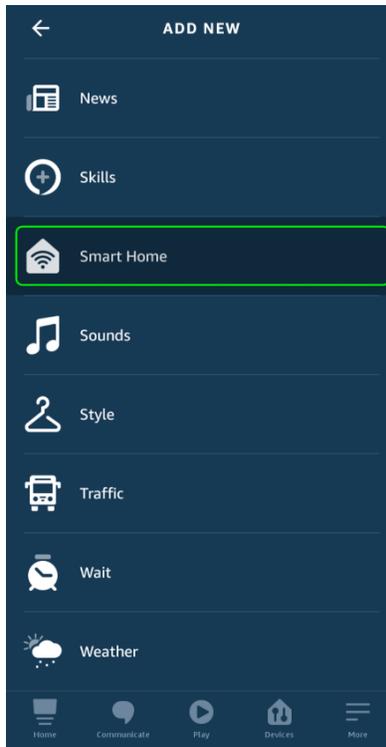
You can use a number of things as triggers (time of day, the sound of a dog barking, etc). Select “Voice”.



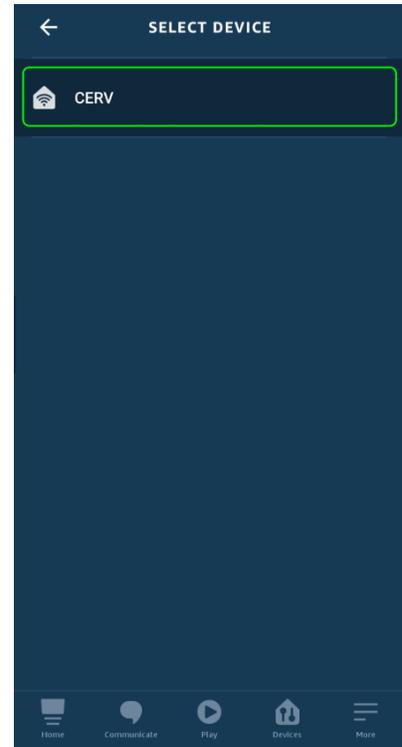
Enter your command to Alexa. In this case, we’re letting her know that Ty (no relation to co-founder Ty Newell, of course) has arrived.



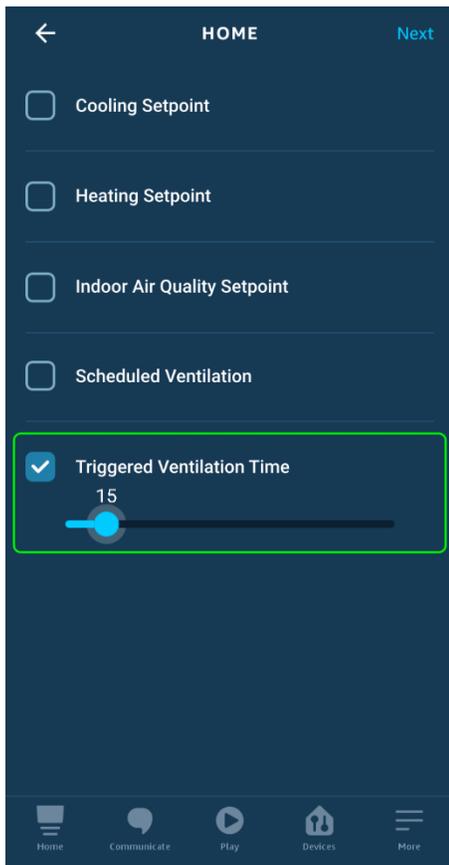
Now that we have the input set, we will set up the action that is taken. Press “Add action”.



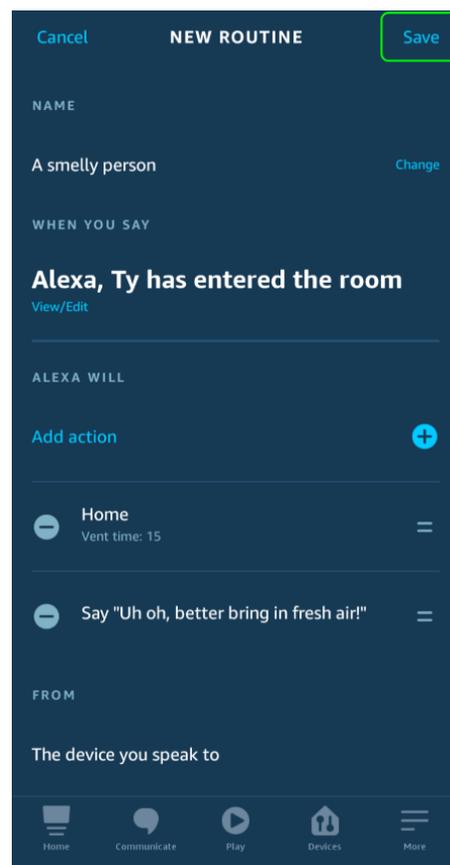
The CERV will show up under the Smart Home category.



Select CERV.



We want the CERV to ventilate for 15 minutes when the routine is triggered, so enable Vent time and move the slider to 15.



The routine is complete! You may want to add a response from Alexa to confirm the action was taken. Ty needs to know that we're ventilating because of him!

In addition to having the CERV ventilate when an event occurs, there are several other actions that can be taken. Through the Smart Home device, you can also set:

- The CERV's Heating Setpoint
- The CERV's Cooling Setpoint
- The CERV's Indoor Air Quality Setpoint (in parts per million)
- The CERV's Scheduled Ventilation (percentage of time that the CERV will provide fresh air regardless of the indoor air quality)

Lastly, when adding an action, instead of selecting the CERV through the Smart Home category, you can issue a "custom" command. In this case, you can enter the text of what you would like Alexa to do. For example, you could type out "tell the CERV to ventilate for 15 minutes" to have the same effect as what we did above.