SMARTDUVET

Owner's manual




SMARTDUVET

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Safety and precautions

1) IT IS IMPORTANT TO READ ALL THE INSTRUCTIONS BEFORE USING THIS DEVICE. ONLY USE THIS DEVICE SUCH AS DESCRIBED IN THE MANUAL. PLEASE PROTECT YOURSELF AND PROTECT OTHERS AROUND YOU BY FOLLOWING THOROUGHLY ALL THE SECURITY INFORMATION AS DESCRIBED IN THIS INSTRUCTION MANUAL. ANY USE NOT RECOMMENDED BY THE MANUFACTURER CAN CAUSE AFIRE, ELECTROCUTION, DAMAGE TO YOUR PROPERTY OR CORPORAL INJURIES.

2) EXTREME CAUTION IS NECESSARY WHEN ANY HEATER IS USED BY OR NEAR CHILDREN OR INVALIDS AND WHENEVER THE HEATER IS LEFT OPERATING AND UNATTENDED.

3) ALWAYS UNPLUG HEATER WHEN NOT IN USE.

4) DO NOT OPERATE ANY HEATER WITH A DAMAGED CORD OR PLUG OR AFTER THE HEATER MALFUNCTIONS, HAS BEEN DROPPED OR DAMAGED IN ANY MANNER. DISCARD HEATER, OR RETURN TO AUTHORIZED SERVICE FACILITY FOR EXAMINATION AND/OR REPAIR.

5) WARNING: TO REDUCE THE RISK OF FIRE, KEEP CURTAINS, OR ANY OTHER FLAMMABLE MATERIAL A MINIMUM DISTANCE OF 1 M (40 IN) FROM THE AIR OUTLET.

6) WARNING: DO NOT USE THIS HEATER IN SMALL ROOMS WHEN THEY ARE OCCUPIED BY PERSONS NOT CAPABLE OF LEAVING THE ROOM ON THEIR OWN, UNLESS CONSTANT SUPERVISION IS PROVIDED.

7) DO NOT USE OUTDOORS.

8) THIS HEATER IS NOT INTENDED FOR USE IN BATHROOMS, LAUNDRY AREAS AND SIMILAR INDOOR LOCATIONS. NEVER LOCATE HEATER WHERE IT MAY FALL INTO A BATHTUB OR OTHER WATER CONTAINER.

9) DO NOT RUN CORD UNDER CARPETING. DO NOT COVER CORD WITH THROW RUGS, RUNNERS, OR SIMILAR COVERINGS. DO NOT ROUTE CORD UNDER FURNITURE OR APPLIANCES. ARRANGE CORD AWAY FROM TRAFFIC AREA AND WHERE IT WILL NOT BE TRIPPED OVER.

Safety and precautions

10) TO DISCONNECT HEATER, TURN CONTROLS TO OFF, THEN REMOVE PLUG FROM OUTLET.

11) CONNECT TO PROPERLY GROUNDED OUTLETS ONLY.

12) DO NOT INSERT OR ALLOW FOREIGN OBJECTS TO ENTER ANY VENTILATION OR EXHAUST OPENING AS THIS MAY CAUSE AN ELECTRIC SHOCK OR FIRE, OR DAMAGE THE HEATER.

13) TO PREVENT A POSSIBLE FIRE, DO NOT BLOCK AIR INTAKES OR EXHAUST IN ANY MANNER.

14) A HEATER HAS HOT PARTS INSIDE. DO NOT USE IT IN AREAS WHERE GASOLINE, PAINT, OR FLAMMABLE LIQUIDS ARE USED OR STORED.

15) USE THIS HEATER ONLY AS DESCRIBED IN THIS MANUAL. ANY OTHER USE NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

16) ALWAYS PLUG HEATERS DIRECTLY INTO A WALL OUTLET/RECEPTACLE. NEVER USE WITH AN EXTENSION CORD OR RELOCATABLE POWER TAP (OUTLET/POWER STRIP).

SAVE THESE INSTRUCTIONS. Proper operation of your duvet is necessary to ensure the long life and durability you expect from a high-quality product. The manufacturer has tested and inspected this product prior to shipment.

Safety and precautions

DO NOT PLACE BODY PARTS DIRECTLY IN OR IN FRONT OF THE AIR NOZZLE'S EXHAUST WHEN IT IS USED AT A HIGH TEMPERATURE.

DO NOT USE THE SMARTDUVET WITH A BABY, A DISABLED PERSON, A PERSON WITH DIMINISHED CAPACITIES OR ANY PERSON SENSITIVE TO HEAT, SUCH AS SOMEONE WITH BAD BLOOD CIRCULATION.

DO NOT USE THE SMARTDUVET WITH CHILDREN OR WITH PEOPLE HAVING MENTAL OR SENSORIAL HANDICAPS.

DO NOT OPERATE WITH A DAMAGED CORD OR PLUG OR AFTER A MALFUNCTION, OR IF THE UNIT HAS BEEN DROPPED OR DAMAGED IN ANY MANNER. DISCARD OR RETURN TO AUTHORIZED SERVICE FACILITY FOR EXAMINATION AND/OR REPAIR.

DO NOT USE WITH SOMEONE WHO IS IN THE IMPOSSIBILITY OF UNDERSTANDING THESE WARNINGS.

Cautions

To avoid objects that get in the way of the SmartDuvet when using the Self Making Bed feature, keep an empty space of at least 60 cm (24 inches) on the sides of the bed and 1.5 m (60 inches) over the bed (if necessary, measure the distance between the bed and any ceiling, light fixture, fan and others).

Make sure that an electrical outlet can be used to connect the power cable (ideally, use an electrical outlet at the head of the bed that allows to pass the cable below the bed or along the mattress base so people can walk freely in the room).

Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

For appliances for altitudes exceeding 2000 m, the maximum altitude is stated Connect to properly grounded outlets only.

Do not place the device at less than 50 cm (20 inches) of a heat source.

Safety and precautions

Cautions concerning children

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

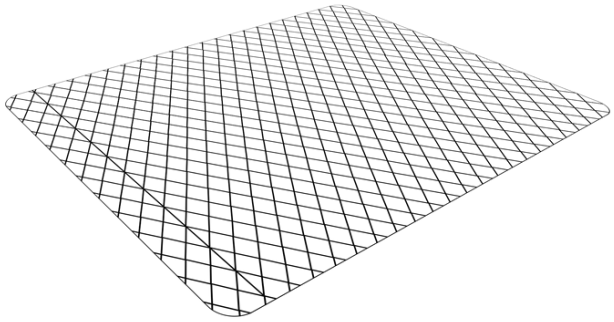
Cleaning and user maintenance shall not be made by children without supervision

Children of less than 3 years should be kept away unless continuously supervised.

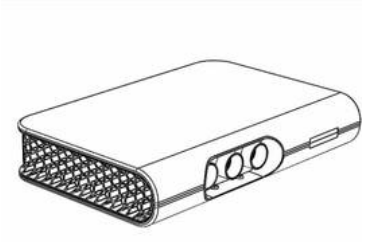
Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

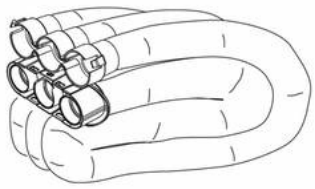
Parts list



Duvet cover + smart layer (1)



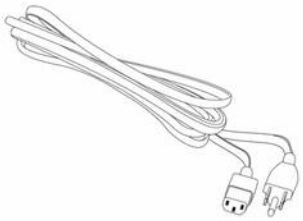
Control box (1)



Air connector with velcro (1)



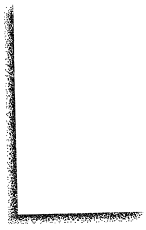
Round clips (6)



Power cable (1)



Mushroom clips (4)



L shaped velcro braket (1)

Installation guide

Before starting the installation, plan a work area of at least 2.5 sq.M (25 sq.ft) that is clean and free of unnecessary objects to the installation.

Make sure to have clearly identified each part included in the box. Read the procedures and, to facilitate the installation, have the parts within arm's reach in their order of integration to the device.

You will need to install an application on a smart device via an Internet connection.

1 Unpack your SmartDuvet by removing the duvet from the reusable vacuum storage bag.



2 Unfold the SmartDuvet with the connector tubes at the foot of the bed. Place the control box either at the end or under your bed and connect it to the power outlet using the provided power cord.



3 Connect the air connectors making sure the "UP" marking on the connector is facing the top of the box (the side without silicon feet.)

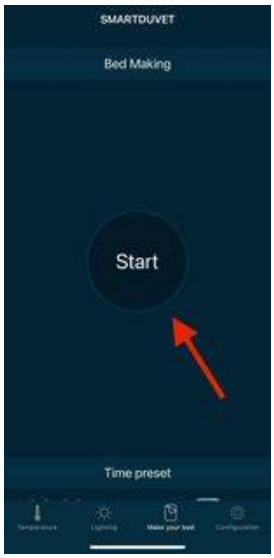


Installation guide

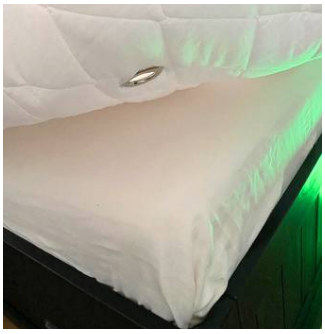
4 Download the SmartDuvet app from the App Store or Google Play Store.



5 Use the “Make the bed” function to make the bed for the first time making sure it is centered on the bed. The two metal rings at the foot corners of the bed should be aligned with the corners of the mattress



6 Once the SmartDuvet is centered on the bed, place the corner clips under the fitted sheet to attach the fitted sheet and the flat sheet to the SmartDuvet.



Installation guide

7 Go under the fitted and flat sheets with the clip and push it through the metal ring. For the clips at the head of the bed, only attach the flat sheet using the round clips.



8 You can choose to use either the more robust mushroom clips or the fast round clips. If you notice that the round clips are slipping off over time or while making the bed, use the mushroom clips for the 4 attach points at the foot of the bed.



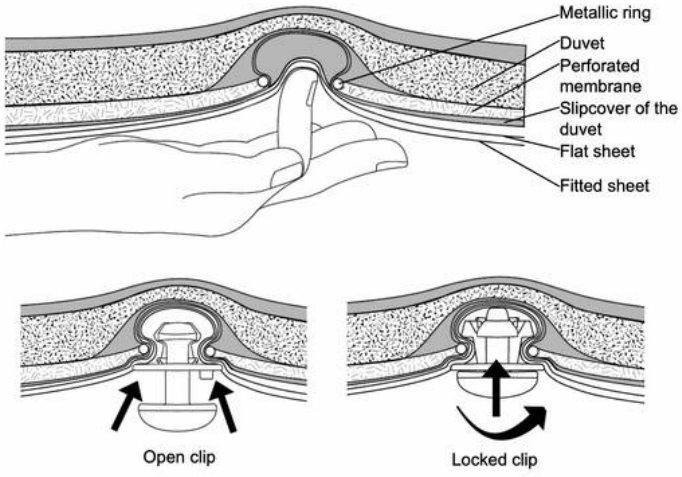
Slide your hand underneath the fitted sheet and push the open clip in the metal ring and push the central part of the clip and turn it to the right to lock it in place. If you are having difficulty entering the clip because the sheets are to tight, you can use your fingers to create a space inside the ring as shown below to ease the placement of the clips. Repeat for the other central metallic ring.



mushroom clips



round clips



Installation guide

9

IMPORTANT: You MUST install the L Shaped Velcro Bracket for the Smartduvet to function properly . The L Shaped Velcro Bracket can be bent to fit the width of your bed frame if you have a box bed, or simply inserted under your mattress or between your boxspring and mattress to secure the height of the air connectors.
IMPORTANT: The connector must sit **ON TOP** of the foot of the bed.





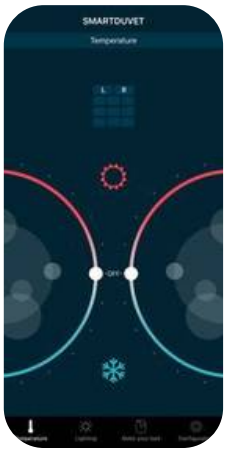

10

For the clips at the head of the bed, fold your top sheet as needed to get the right tightness between the clip and the metal ring.




11

The SmartDuvet should be used all night to ensure air circulation and get the most benefits. If you wish to warm up your bed, you can set up the temperature to max heat 15 minutes before going to bed, but we recommend lowering the settings to minimum while you sleep. For cooling you can use any setting.



Installation guide

12 Since the bedmaking feature depends on many factors to achieve perfect bed making, it is normal to have to adjust how you get out of bed to avoid issues with this feature.



13 Try to exit the bed by pushing the sheets over.

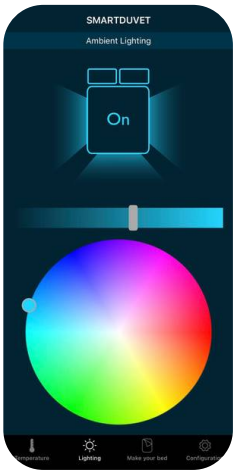


14 If you move a lot during your sleep, it is possible that the sheets go under the SmartDuvet, making this function less effective.

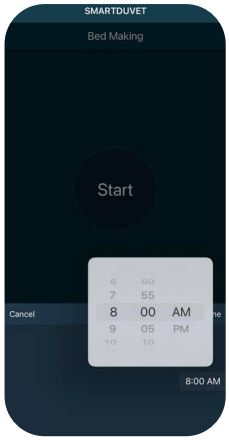


Installation guide

15 The ambiant lighting feature can be turned on and off by pressing on the bed icon in the app. Use the slider to dim the light. For crisper colors, make sure to slide the color selector all the way to the edge of the color wheel.



16 Use the app to set the bed making function to your preferred time. Allow five minutes after each bed making for the SmartDuvet to deflate back into position before using the heating and/or cooling functions.



17 AROMATHERAPY: The SmartDuvet is equipped with a reusable air filter than can be washed in warm soapy water. It can also be infused with your favorite essential oil by adding a few drops directly on the filter providing a soothing aromatherapy experience.



Washing guide

Duvet Covers

Like a regular down duvet, SmartDuvet can be used with your existing duvet cover as long as it has buttons at the foot to allow space for the air connectors. Note that the cooling effect could be reduced depending on the material.



1 Never wash your SmartDuvet without removing the inner layer first. Only the outer layer is washable. The first step is to unzip your SmartDuvet.



2 Remove the air connectors by pressing the tabs on each side simultaneously.



3 Turn your SmartDuvet inside out.



Washing guide

4 Unfasten the seven buttons located on the four corners as well as the top middle and side buttons.



5 You can now wash your SmartDuvet cover inside out in cold water on delicate, and dry it on low heat or let air dry.



6 Once your SmartDuvet cover is completely dry, you can reattach the seven buttons and turn your SmartDuvet rightside out.



7 Reconnect the air connectors and zip the bottom of the layer. You can now reinstall your SmartDuvet by following steps 5 to 11 of the Intallation guide. If the connector tabs do not clip properly, lightly push them outward until they attach securely.



Troubleshooting

In the event the SmartDuvet fails to operate, investigate the symptoms and possible solutions below.

Symptom	Solutions
Not being able to feel the cool air.	Verify that the connector to the tubes are at least 4 inches over the edge of the mattress. Use the L Velcro Bracket to secure the height of the tubes and allow the connector to stay on the bed to ensure optimal airflow.
	The bedding you are you using could be influencing your experience. Thick sheets with a high thread count could prevent the air from reaching you, thus having a harder time feeling the cool air.
	Check your room temperature. The ambient room temperature needs to be below 70°F and humidity levels below 40% for optimal use. The unit is not an air conditioner, but uses air evaporation technology, allowing airflow at different temperatures on each side. We recommend using bamboo or Lyocell sheets for both the sheets and duvet cover for optimal performance.
	Remove the quilted cover and use the smart layer inside your duvet cover for summer and add the quilted duvet cover for winter.







Troubleshooting

In the event the SmartDuvet fails to operate, investigate the symptoms and possible solutions below.

Symptom	Solutions
The App is not connecting to the control box	**Android Users**: Allow location services to use the app. If you refused the first time, please reinstall the app and accept. Accept wifi connection to the device and have WiFi and Bluetooth® ON. Please completely close out the app if you wish to switch devices. Make sure to properly shut down the app when it's not in use. **iOS Users**: Only one phone can be connected at a time. If you try to connect a second phone, either one might have a hard time connecting. Please completely close out the app if you wish to switch iOS devices. Make sure to properly shut down the app when it's not in use.
Bed making feature is not working	Remove the connector from the control box and feel with your hand if the middle opening blows air when the bed making feature is activated. Using a flashlight, confirm that the middle valve is opening when the bed making feature is on. If it is not opening, please contact customer service. After activating the bed making feature, there is a 10-minute period during which only the ambient light feature can be adjusted. This allows enough time for the duvet to completely deflate before using the temperature control feature or remaking the bed.





Troubleshooting

In the event the SmartDuvet fails to operate, investigate the symptoms and possible solutions below.

Symptom	Solutions	
Control Box isn't working or suddenly stopped working	Ensure the power cord is fully inserted into the box. Make sure the switch is in the ON position (| symbol) and not in the OFF position (O symbol)	
	Turn off the control box for 5 seconds, then turn it back on. During restart, the lights will flash red and green, and the fan will spin briefly for one second.	
	After activating the bed making feature, there is a 10-minute period during which only the ambient light feature can be adjusted. This allows sufficient time for the duvet to fully deflate before using the temperature control feature or remaking the bed. You can reset this time delay at any time by turning off the power button at the back for 5 seconds and then turning the unit back on.	

Troubleshooting

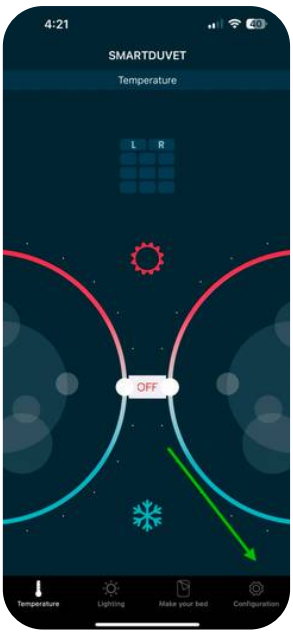
In the event the SmartDuvet fails to operate, investigate the symptoms and possible solutions below.

Symptom	Solutions	
Tube connector is not connecting to the control box	Connect the tubes with the “UP” indicator on the opposite side of the silicone feet.	
	Do not push on the small flaps in an attempt to help with the connection. On our connector, this has the opposite effect because the clicking mechanism is located on the outside, not the inside. If you accidentally attempted to connect the tubes upside down and pushed the flaps inward, try to push them back outwards. If the flaps were pushed inward during shipping, gently push them outward, and the connector should now be able to connect.	
There is a buzzing sound coming from the control box	This is likely the server that controls the valves. If the control box was dropped forcefully, this issue can occur. Try turning the temperature control on and off on both sides, and activate the bed making feature. If the buzzing stops, that's great. If not, you may need to exchange the box.	
Popping sounds occur when the hot setting is turned on	The control box uses thermal fuses to maintain temperatures below a certain point. If the connector is not properly placed on the bed and airflow is obstructed, the thermal switch may activate more frequently. This is more likely to occur at lower heat levels due to reduced airflow, causing the control box to heat up. There's no need to worry, as the thermal switch is designed to cycle on and off intentionally, although it may produce a clicking sound.	

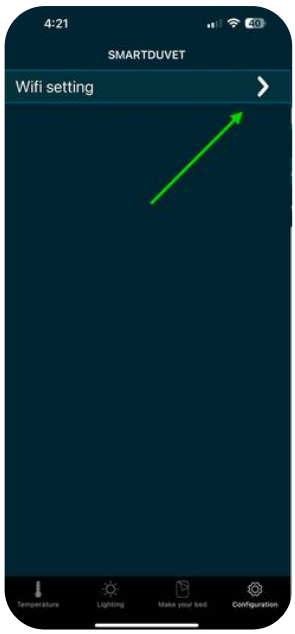
Using SmartDuvet with Alexa

1 Open the SmartDuvet App. Make sure it is connected to your SmartDuvet device.

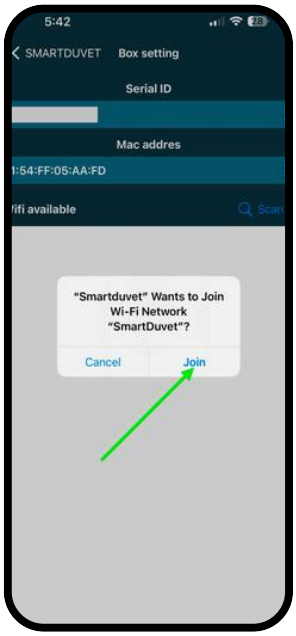
2 Open “Configuration”



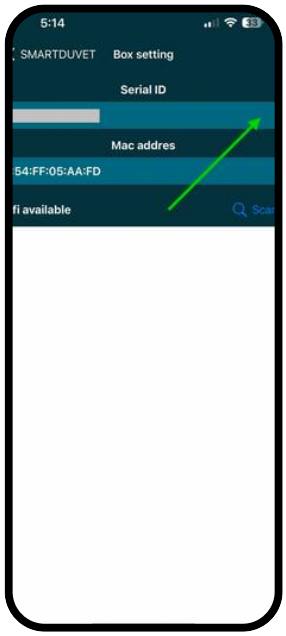
3 Open the “Wifi setting”



4 Press “Join” in the popup menu



5 Open “Serial ID”



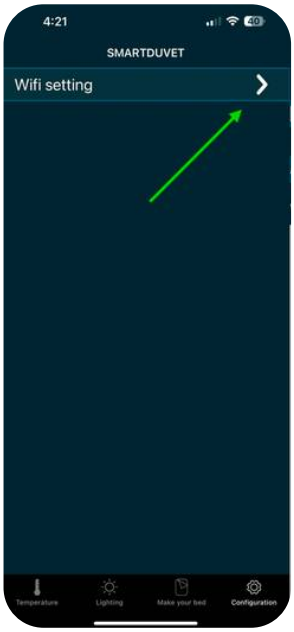
Using SmartDuvet with Alexa

6 Enter the serial ID number located behind your Smartduvet control box, then press “Send”





7 Nothing should happen after you press Send. Go back to “Wifi setting” in the app



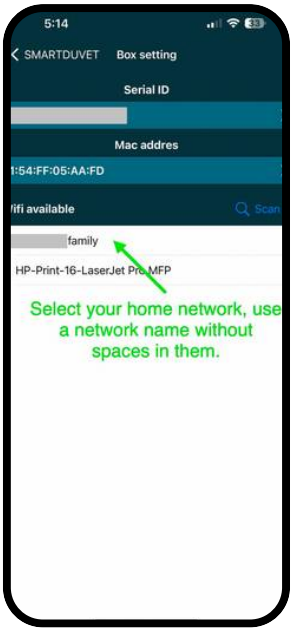
8 Let the unit write it’s own Mac Adress. Then click on “Search” to see available wifi networks



Using SmartDuvet with Alexa

9

Select your home network.
Use a network name without spaces.



10

Enter your network password and press “Send”.
Nothing will happen.



11

IMPORTANT:
Never use the wifi settings in your phone settings to connect or change anything for the Smartduvet unit. Everything is done in the SmartDuvet App.

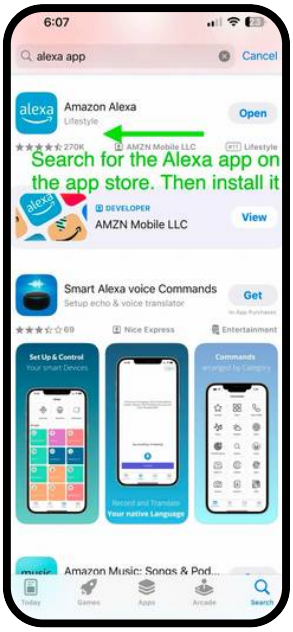
12

Click “OK” after it confirms the connection was successful. Then click “Box setting” to go back to the App.

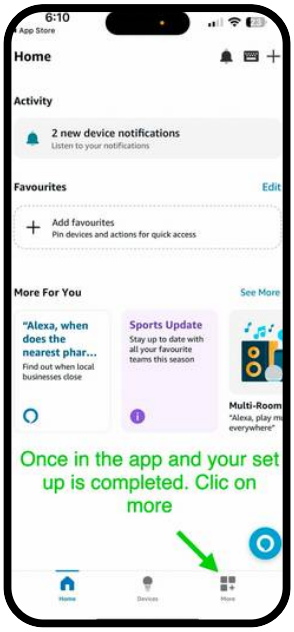


Using SmartDuvet with Alexa

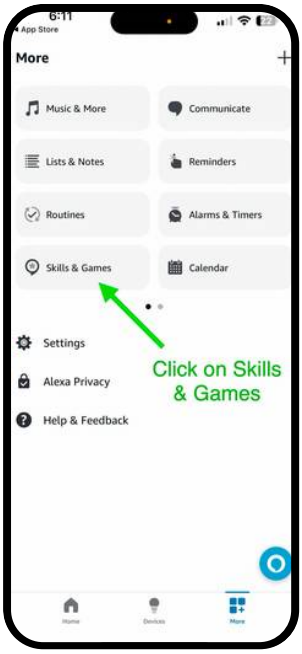
13 Install the Alexa app form the App Store



14 Open the Alexa app. Click on “More”.



15 Click on “Skills & Games”

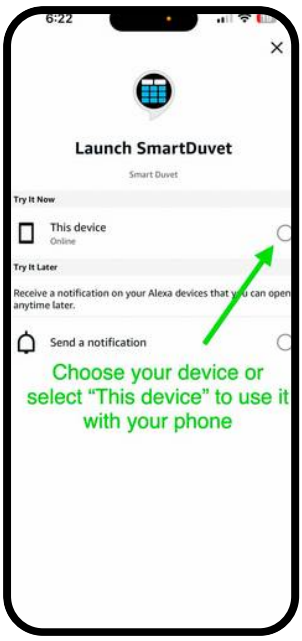


16 In the searchbox, enter “smartduvet”.

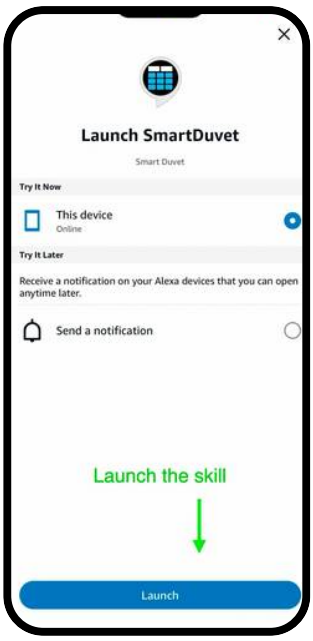


Using SmartDuvet with Alexa

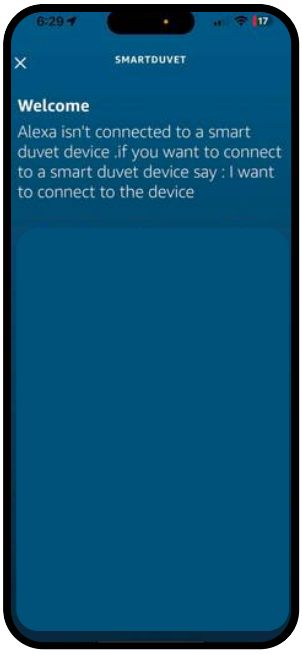
21 Select your device, or select “This Device” to use the app with your phone.



22 Click “Launch”.



23 Now you must connect your control box to Alexa using voice commands.



Using SmartDuvet with Alexa

Connecting to Alexa using voice commands (*once the app is set up, see steps 1-23)*

- please use the exact words provided, or Alexa will not understand the commands

1 ALEXA:
Welcome.
Alexa isn't connected to a SmarDuvet device. If you want to connect to a SmartDuvet device say: I want to connect to the device

2 *YOU*
I want to connect to the device.

3 ALEXA:
Please let me know you serial board.

4 YOU:
Read the serial number found behind your box



5 ALEXA:
What do you want the device name to be?

6 YOU:
Choose a name example: ***Bedroom SmartDuvet*** , then confirm when Alexa asks. ***Yes***

7 ALEXA:
Alexa will now repeat your box serial number in billions, and your chosen device name

8 YOU:
Yes

You are now ready to use your SmartDuvet with Alexa.
Please see exact voice commands on the next page.

Using SmartDuvet with Alexa

Launching the app using Alexa voice commands

- *please use the exact words provided, or Alexa will not understand the commands*

1

YOU

Alexa, open SmartDuvet

Pronounce it Dooooovet so Alexa understands

2

ALEXA:

The SmartDuvet has been opened.
Welcome to your SmartDuvet Application

You can now send vocal commands to Alexa. (see next page for exact commands)
If an error occurs, repeat this whole sequence, starting with:
Alexa, open SmartDuvet

Using SmartDuvet with Alexa

Alexa voice commands

- Please use the exact words provided, or Alexa will not understand the commands
- Repeat if Alexa says: *I don't understand what you mean*
- You can also use Alexa's whisper feature and whisper your commands

Feature	Vocal commands
Temperature controls	*YOU* • *Set heat to level 0-1-2-3-4-5* • *Set cold to level 0-1-2-3-4-5* ALEXA: • What side of the bed are you on? *YOU* • *Right* • *Left* • *Both*
Ambient light	*YOU* • *Turn the light ON* • *Turn the light OFF* • *Turn the light to* *Pink* *Green* *Blue* *Red* *Cyan* *Magenta* *Yellow* • *Dim the light to 100%, 99%, 10% et ....*
Bed making	*YOU* • *Make bed now*
Exit the app	*YOU* • *Quit*

SMARTDUVET

Before returning the unit please contact us for further assistance as our team is dedicated in helping you to set up and enjoy your SmartDuvet.

IF YOU ARE EXPERIENCING ANY PROBLEMS OR NEED ASSISTANCE WITH YOUR UNIT
PLEASE CONTACT US ON THE WEBSITE CHAT OR SEND US AN EMAIL TO INFO@SMARTDUVET.COM