



FLAIR  
Next Degree™

Puck Installation Guide

# Welcome to the Flair community!

Our users are energy nerds, home automation gurus,  
and HVAC Pros.

If you have any questions, feel free to check out the  
forums at **[forum.flair.co](http://forum.flair.co)**.

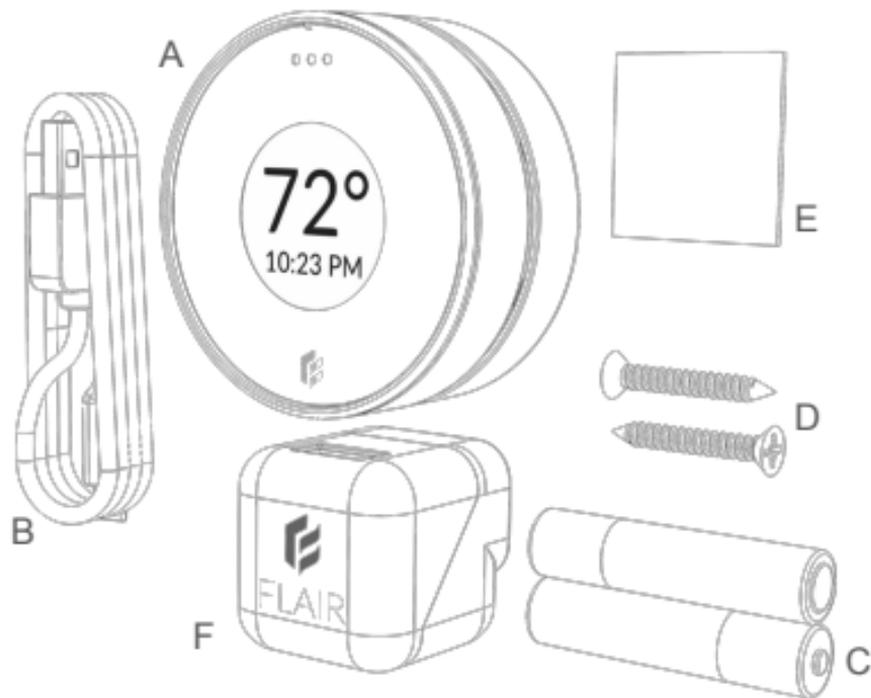
If you don't see what you are looking for there, you can  
reach us at one of the following:

**[support@flair.co](mailto:support@flair.co)**

**+1 (800) 590 6943**

**Monday-Friday, 9am to 5pm PST**

## What's in the Box?



A. Puck  
B. USB Cable

C. Batteries  
D. Screws

E. Mounting Adhesive  
F. Power Adapter

# Quick Start

## Install the Flair App

Install our App from the Google Play Store or Apple App Store. If you don't have an Android or iOS device, go to [my.flair.co](https://my.flair.co) in your web browser for setup. Create an Account and Log In.

## WIFI

If you are setting up your first Puck, plug it in with the power adapter and follow the instructions in the App for Connecting to WIFI. If you need to make a change to your WIFI settings at anytime, go to **Home Settings** → **Change Puck WIFI Settings**.

## Remaining Devices

After connecting the first Puck to WIFI, install and power on your remaining devices.

## Rooms, Integrations, Settings

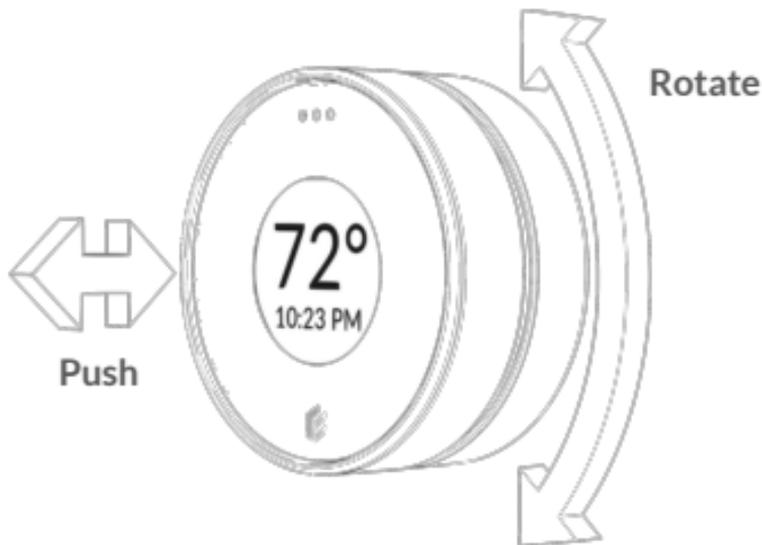
In the App you can create rooms, associate devices with rooms, set up integrations, and set your preferred settings.

# Controlling Your System

Your Flair system can be controlled through the App or directly with your Puck(s).

For details on the App, see **Flair App Overview**.

Controlling the Puck is **simple**. You can **push** the front surface or **rotate** the collar.



# Puck Overview

Puck works with most IR controlled heating and cooling devices including Minisplits, Window ACs and Portables.

Puck also works with Central Heating and Cooling systems as a remote temperature and occupancy sensor. For these systems, Puck integrates with popular Smart Thermostats and our Smart Vents to deliver precise control and comfort using as little energy as possible.

There are two principle modes for Puck: **Gateway** or **Sensor Mode**

## Gateway

Powered by Adapter

Always on WIFI

Serves As Hub

## Sensor

Wired or Battery Power

Only on WIFI for Updates

(additional modes coming soon)

# Setting a Puck as a Gateway or Sensor

1



## Temperature App (Default Home Screen)

Puck opens in this App by default. This screen lets you adjust the room's current setpoint. **Push** the Puck to go back to the app menu.

2



## Temperature App Icon

This is the menu icon for the Temperature App shown above. You can **Push** the Puck to open the Temperature App. **Rotate** to see other menu icons for different apps.

3



## Settings App Icon

This is the menu icon for the Puck Settings App. **Push** the Puck to open the Settings App.

## Setting a Puck as a Gateway or Sensor

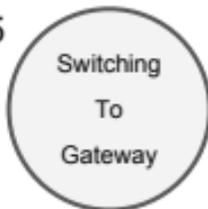
4



### Settings App

This App lets you change your Puck from a Sensor or Gateway and apply other settings. **Push** the Puck to go back to the App menu.

5



### Wait

After switching your Puck to a Sensor or Gateway, the Puck will take a few moments to apply the change. **Wait** until you see the home screen or a message saying its finished.

6

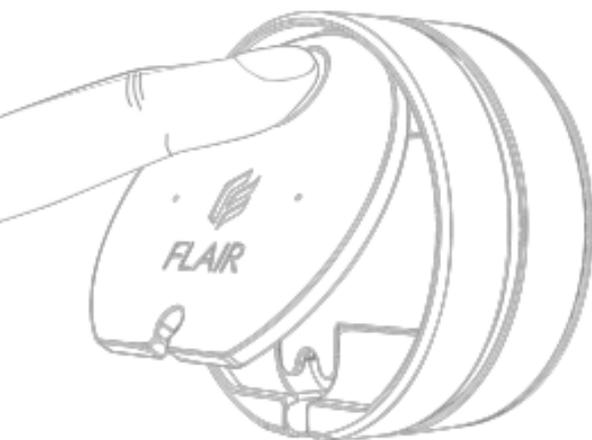
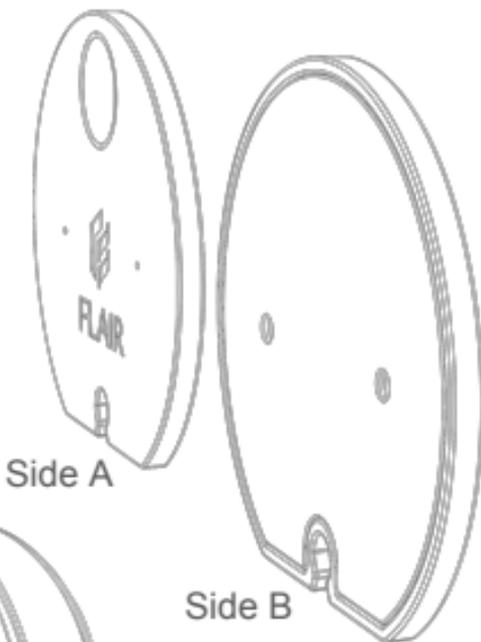


### Temperature App (Default Home Screen)

After making your Puck a Gateway or Sensor, your Puck will return to the home screen.

## Puck Door

The Puck door has two sides. For wall mounting, side A should face away from the wall.



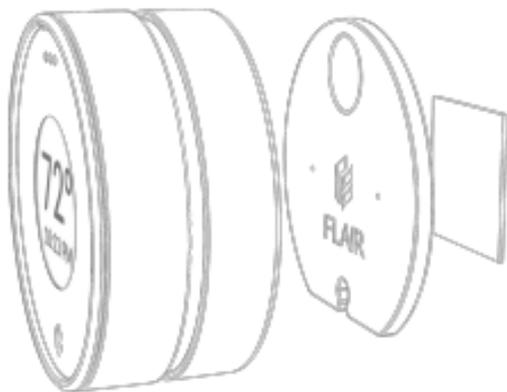
To open the Puck door, press on the round dimple.

# Wall Mounting

## Adhesive

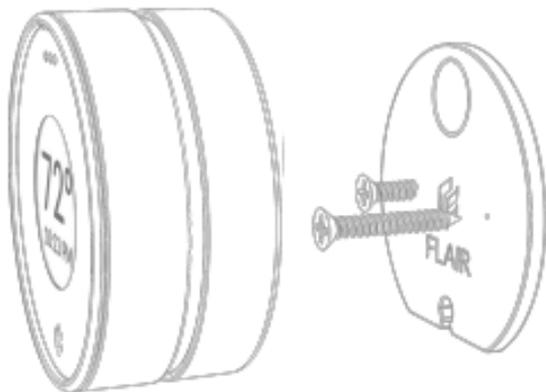
Attach adhesive square to the hard plastic side (side B) of the Puck door.

Press the Puck door onto the wall and ensure it is securely attached before attaching the Puck.

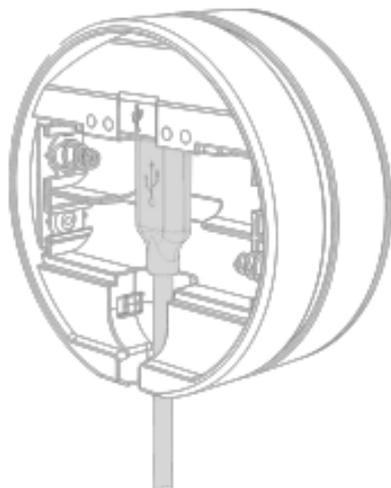


## Screws

Press and rotate the screws through the small holes in the soft side (side A) of the Puck door.

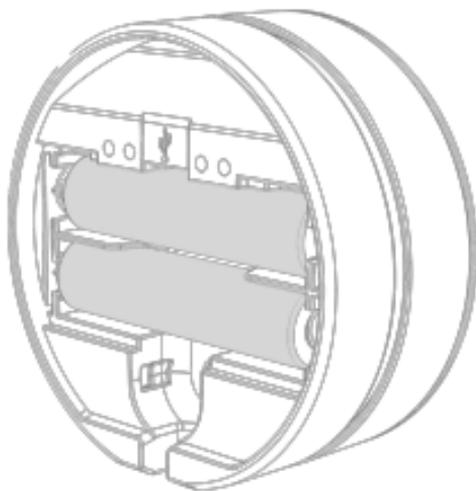


## Power



### Wired

Gateway Pucks should be wired with the included adapter and cable. Sensors can optionally be wired.



### Wireless

Sensor Pucks can run for more than a year on AAAs (included).

# Puck Placement

## **Interior Walls, Night Stands, Coffee Tables, Shelves**

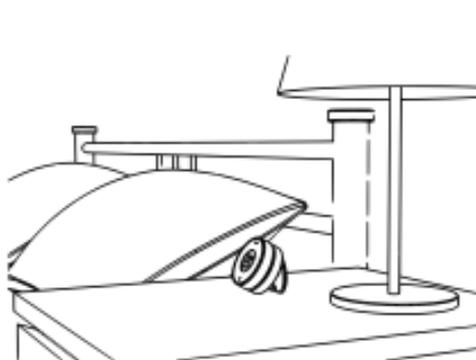
In order to get accurate temperature readings from your Puck it is best to avoid placing it directly under windows, on exterior walls or directly next to fans/vents etc. Ideally it is wall mounted just behind a couch, on a nightstand, on your desk, etc. The closer it is to where you work, sleep or hang out the better it will keep you comfortable.

## **Minisplit, Window ACs and other IR Controlled Devices**

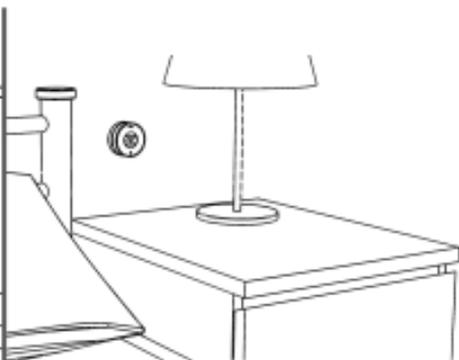
Flair Pucks have a number of IR LEDs for controlling Minisplits, Window and Wall ACs, Portables as well as other devices like TVs, Stereos etc. If you are using Pucks to control IR devices ensure that there is line-of-sight between the Pucks' front or side faces and the device. Sometimes IR reflection is good enough such that a direct line of sight is not needed but you will need to test this on a per device/room basis.

**Pro Tip:** Nobody likes power cables. If installing multiple Pucks, it's worth taking into consideration which Puck should be the gateway as some places are easier to hide cables than others. We recommend wall mounting a Gateway just behind a couch or nightstand.

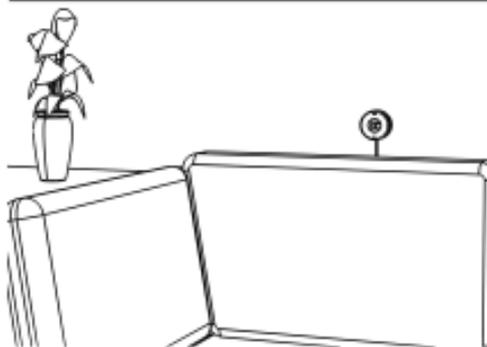
# Puck Placement Examples



**Stand Bedside Table**



**Wall Bedside Table**



**Wall Behind Couch**



**Office Desk**

# Flair App Overview

Flair has two primary modes, **Automatic** and **Manual** which can be selected in **Home Settings** → **System Mode**.

## **Manual Mode**

Allows you to adjust the open/closedness of your Smart Vents or manually change Air Conditioner/Heater settings.

## **Automatic Mode**

Flair maintains temperatures so that you don't need to worry about opening and closing vents or manually making changes to your Air Conditioner/Heater.

If your system is in **Automatic Mode**, you have additional options that relate to how Flair determines if you are **Home** or **Away**, temperature **set points** and how to behave when you are away or heading home.

# Flair App - Settings when Home

The main setpoint options are **Evenness**, **Evenness (Active Rooms)**, and **Defer to Rooms**.

## **Evenness**

Maintains a consistent setpoint across all rooms with Flair equipment.

## **Evenness (Active Rooms)**

Maintains a consistent setpoint across all rooms that are deemed **'active'**.

Rooms are designated **active** if either a user with our app on their phone is near a Puck, a third party sensor determines a user is in a room, a setpoint is adjusted on the Puck or the room is designated active via the slider on the room tile (app main screen) menu.

## **Defer to Rooms**

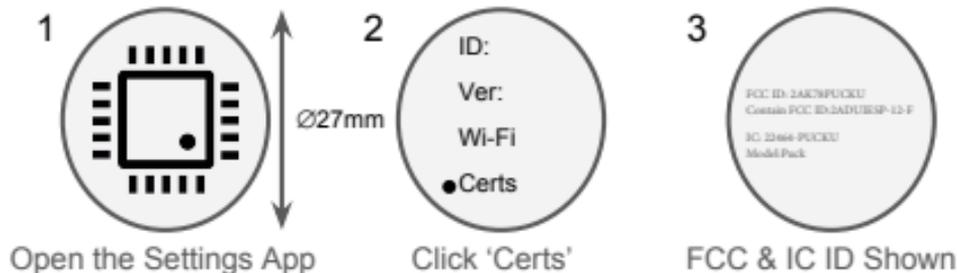
Allows you to set settings on a room level. A user may either adjust a Puck, adjust the dial on a room tile, or adjust the 'My Temperature' slide on the room tile menu to set a specific room-user preference.

# FCC Compliance Statement

FCC ID: 2AK78PUCKU  
Contain FCC ID:2ADUIESP-12-F

This device complies with Part 15 of the FCC Rules .Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Accessing FCC & IC ID on the Puck



# Flair Software - Settings when Away

While away, you can have Flair maintain temperatures across the whole home, specific rooms or just make sure everything is off.

## **Off Only**

Ensures that everything is off while you are away.

## **Smart Away**

Allows you to specify upper and lower bounds for temperature and humidity and will apply this to every room with Flair equipment.

## **Defer to Rooms**

Allows you to specify temperature and humidity ranges for each room individually.

More information is available at <https://flair.co/support>.

## FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Ce matériel est conforme aux limites de dose d'exposition aux rayonnements, FCC / IC RSS-102 énoncée dans un autre environnement. Ce matériel devrait être installé et exploité avec une distance minimale de 20 cm entre le radiateur et votre corps.



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