

# Amosijoy Foldable Cat Window Perch

## Technical Description



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## 1. General Description of the Amosijoy Foldable Cat Window Perch

The Amosijoy Foldable Cat Window Perch is a compact, elevated hammock-like platform designed to attach securely to a window by suction cups, providing a stable resting or observation spot for cats to sunbathe and look outdoors. The window perch is constructed with metal frames, fabric covers, and suction cups for support. It can hold up to 18 kg and features a foldable design, allowing users to close the hammock when it is not in use or to adjust blinds or curtains easily.

Amosijoy offers a variety of cat beds, window perches, and accompanying accessories. This document references the Amosijoy Foldable Cat Window Perch in medium with gray faux rabbit fur fleece. It is sold as a single product and is currently priced at \$50.00 USD on sale on the Amosijoy [website](#) (compared to \$71.00 USD at regular price).

The Amosijoy Foldable Cat Window Perch includes a reversible pad and a frame system that underlies the pad and stabilizes the entire perch. When mounted on a window, the perch has a height of 17.5 cm, total length of 60 cm, and width of 30 cm. The frame itself has a length of 52 cm (see Figure 1).



Figure 1: Amosijoy Foldable Cat Window Perch (front/open view) [1]

## 2. Part-by-Part Breakdown of the Amosijoy Foldable Cat Window Perch

The Amosijoy Cat Window Perch is composed of two main parts: (1) the reversible pad and (2) the frame system.

### 2.1 Reversible Pad

The reversible pad consists of a faux rabbit fur fleece on one side and a mesh fabric on the other. Either side can be used as the main cover for the window perch, allowing for flexibility to adjust for different temperatures or user preferences. The materials are easy-to-clean and machine-washable.

### 2.1.1 Faux Rabbit Fur Fleece

The faux rabbit fur fleece is a soft-sided cover in gray. The fleece-like fabric offers a plush surface and warmth in colder weather. Across the top of the cover, two 9 cm slits on each corner allow the frame system to pass through, and the total length is 43 cm. At the bottom, the length of the cover is 52 cm and the width is 21.6 cm (see Figure 2).

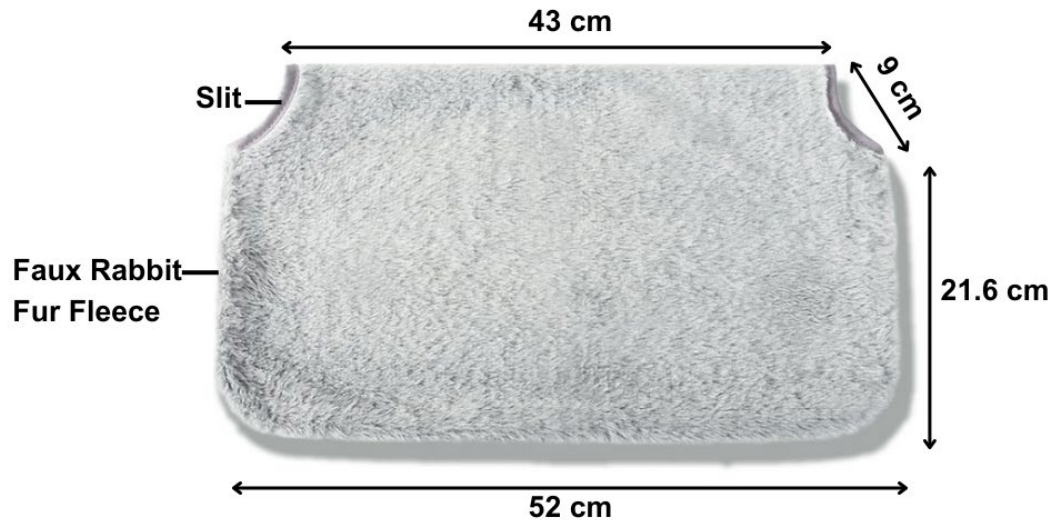


Figure 2: Faux rabbit fur fleece of the reversible pad [1]

### 2.1.2 Mesh Fabric

The mesh fabric is a breathable cover in gray. This side of the cover helps heat escape in hotter weather. The zipper makes it easy to put on and remove the cover to clean or switch to the faux rabbit fur fleece side. When the cover is fully zipped on the metal frame, it stays securely in place.

The zipper spans 43 cm across the top of the cover. The frame system passes through two 9 cm slits at the top corners. The cover measures 52 cm in length at the bottom and has a width of 21.6 cm (see Figure 3).

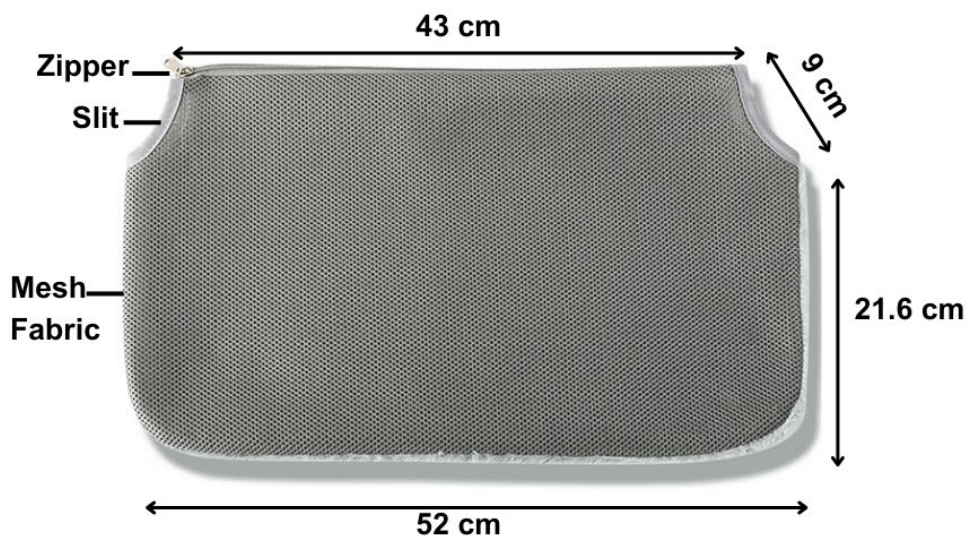


Figure 3: Mesh Fabric of the reversible pad [1]

## 2.2 Frame System

The frame system is the structural backbone of the window perch and offers a weight capacity of 18kg. The frame system incorporates a variety of materials, including steel, plastic, and rubber. It is made up of several parts: (1) four metal pipes, (2) two fixed feet, (3) two screws, (4) four suction cups, and (5) four metal nuts (see Figure 4). Understanding the difference between the interior and exterior sides is important for correctly inserting the screws and metal pipes.

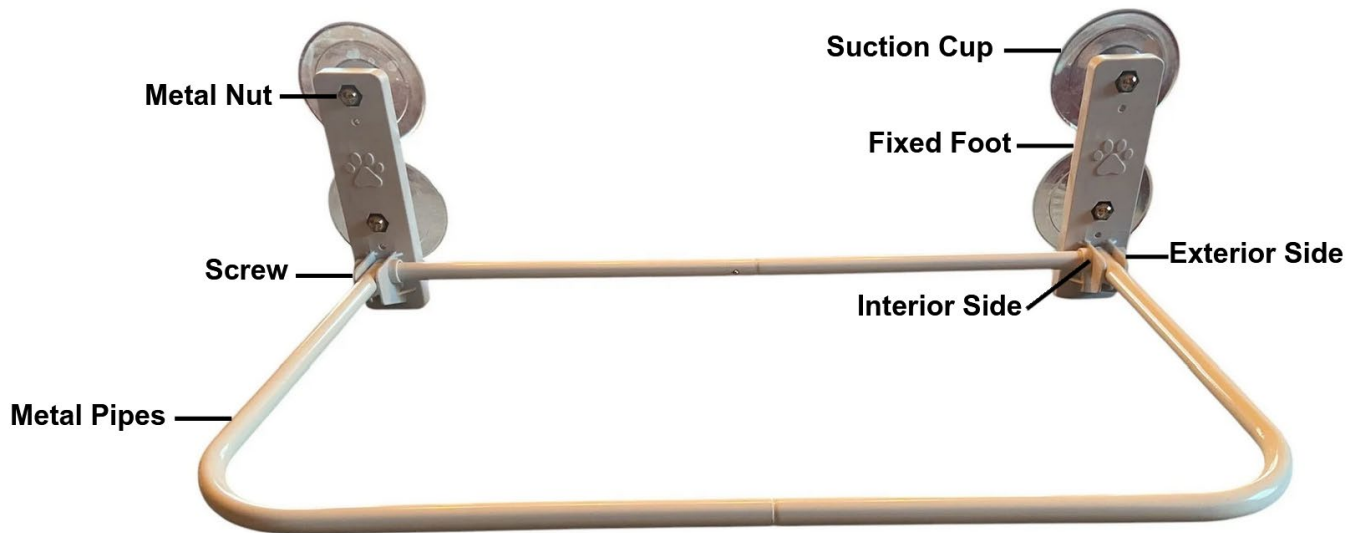


Figure 4: Frame system without the reversible pad

### 2.2.1 Metal Pipes

The metal pipes are white powder-coated steel pipes that make up the base of the frame system. There are two types of metal pipes: (1) two straight pipes and (2) two right-angle pipes (see Figure 5).

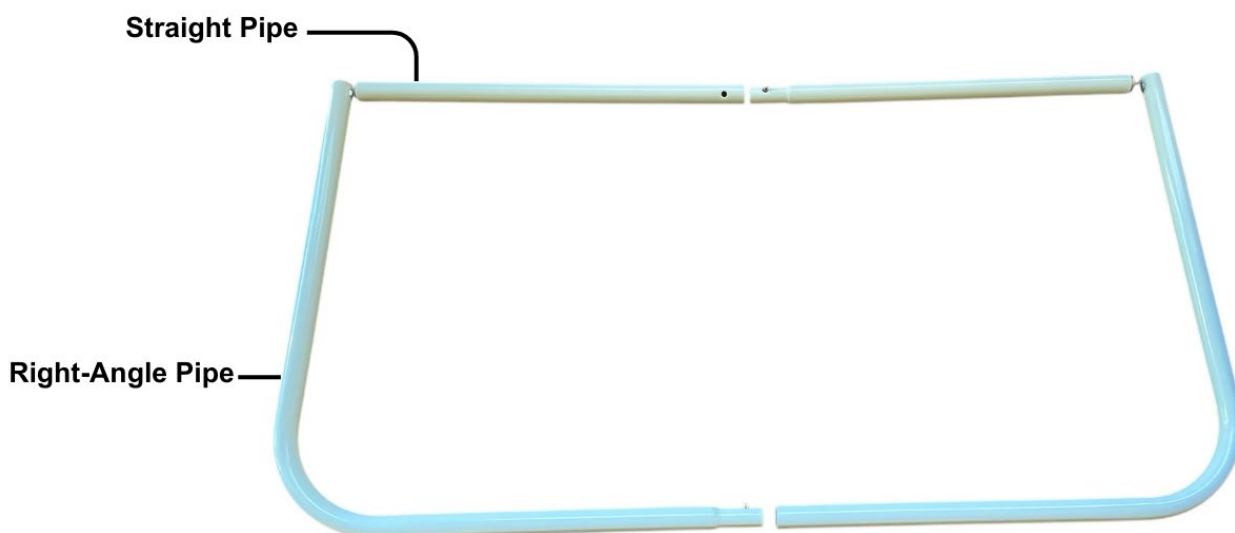


Figure 5: Metal pipes (unconnected)

### 2.2.1.1 Straight Pipes

The straight pipes are white powder-coated steel pipes that connect the right-angle pipes and screws. The combined length is 50.8 cm, and each individual pipe is 25.4 cm long (see Figure 6).

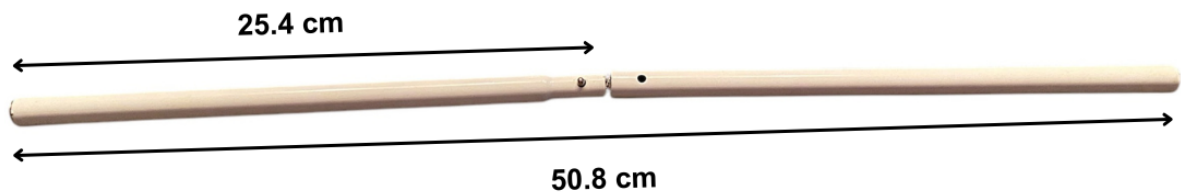


Figure 6: Straight pipes (unconnected)

The two ends of the straight pipe are designed to fit two distinct connection points (see Figure 7). The straight pipes are connected by pressing the buckle on one end and sliding it into the other pipe. The buckle will snap into place once it passes through the hole on the other pipe. On the opposite end, both straight pipes have recessed, threaded ends that aligns with the screw that attaches the right-angle pipe and straight pipe in the fixed foot.

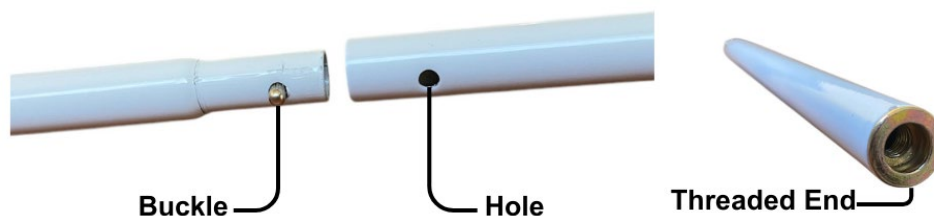


Figure 7: Straight pipes (detailed view on the ends)

### 2.2.1.2 Right-Angle Pipes

The right-angle pipes are white powder-coated steel pipes that underlie and provide support for most of the reversible pad. They are curved and longer than the straight pipes. When they are connected, the length is 52 cm. Individually, the right-angle pipe measures 30 cm vertically and 26 cm horizontally (see Figure 8).

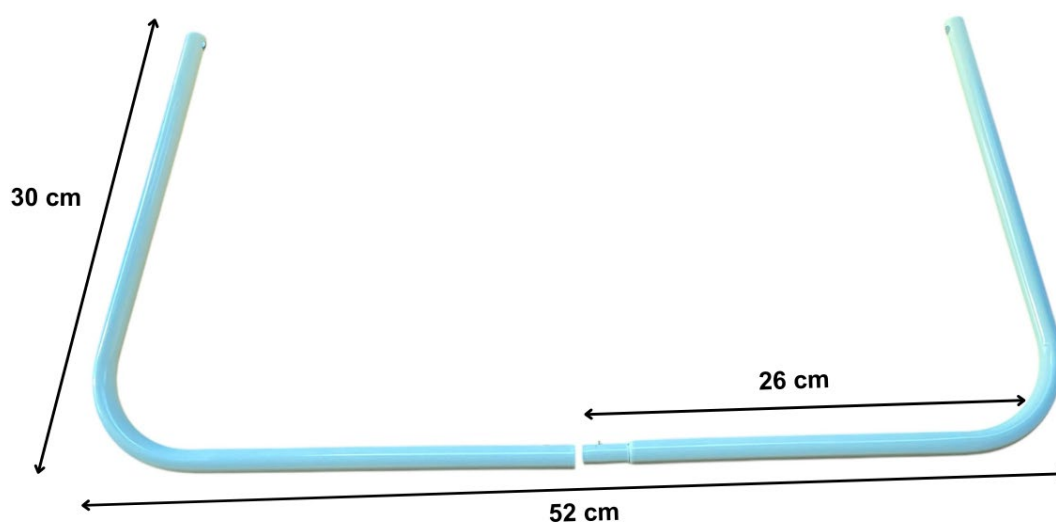


Figure 8: Right-angle pipes (unconnected)



The right-angle pipes connect to each other in the same way as the straight pipes due to the buckle function. The opposite end of each right-angle pipe has through holes (a hole that passes completely through an object) that allows screws to be threaded into the base of the fixed feet (see Figure 9).

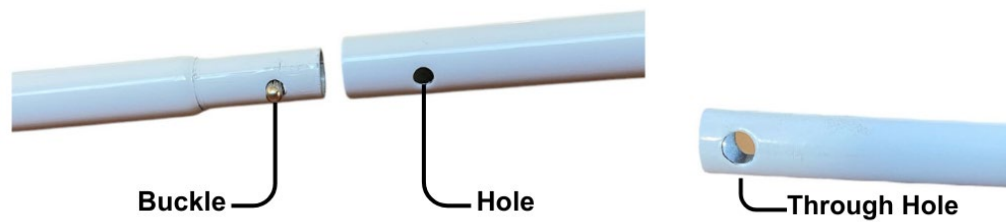


Figure 9: Right-angle pipes (detailed view on the ends)

### 2.2.2 Fixed Feet

The fixed feet are made of plastic and hold the metal pipes and suction cups together. Each fixed foot has a height of 17.9cm, a length of 4.5 cm, and a width of 1.3 cm (see Figure 10). The two upper holes allow the metal nuts to be screwed onto the bolts on the suction cups, permitting two suction cups to be attached to each fixed foot. A raised design of a paw print is between the two upper holes. A raised design of a paw print is between the two upper holes.

The base of the fixed foot has three access points: (1) a central groove and (2) two holes on either side. These access points are where the metal pipes and screw are inserted. The groove protrudes out by 3.8 cm, allowing the right-angle pipe to slide through the centre. On the exterior side of the base, the screw threads into the through hole of the right-angle pipe. On the interior side, the straight pipe is inserted into the hole. From the exterior side, a hex key is rotated clockwise to tighten the metal pipes into place.

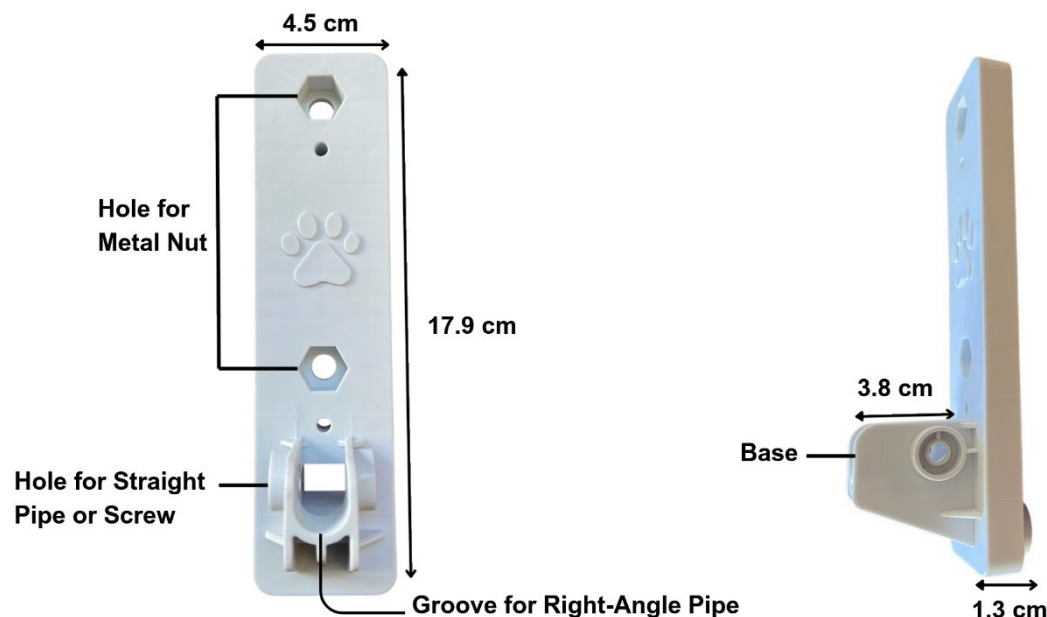


Figure 10: Fixed foot (front and side view)

### 2.2.3 Screws

The screw is a steel, threaded fastener that tightens through a twisting motion. It attaches the straight and right-angle pipes in the base of the fixed foot. The screw has a height of 3.8 cm, and the head of the screw has a diameter of 1.3 cm (see Figure 11). The screw is threaded from the exterior side of the fixed foot into the through hole of the right-angle pipe, where it connects with the straight pipe on the interior side.

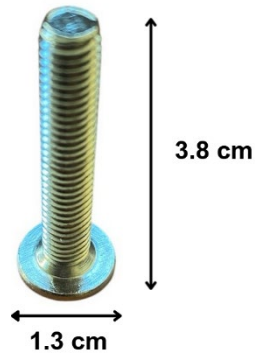


Figure 11: Screw

### 2.2.4 Suction Cups

The suction cup is a flexible, cup-shaped device made out of clear rubber. It is designed to create a vacuum seal on smooth surfaces, providing a temporary method of attachment. The four suction cups are strong enough to support the window perch with a weight capacity of up to 18 kg. The diameter of the suction cup is 8 cm. The center of the suction cup has a bolt with a height of 1.1 cm. The head of the bolt has a diameter of 2.2 cm (see Figure 12).

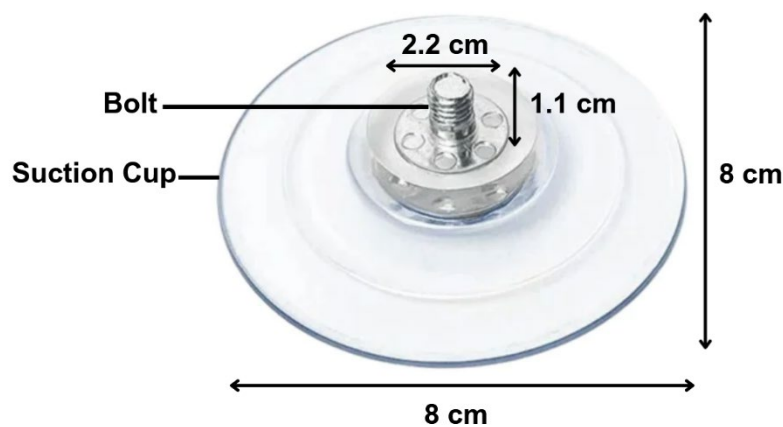


Figure 12: Suction cup

### 2.2.5 Metal Nuts

The metal nut is a steel fastener that screws into the bolt of the suction cup, attaching the suction cup to the fixed foot. The domed top provides an aesthetically-pleasing appearance. It has a height of 1 cm, and each side of its base has a length of 0.8 cm (see Figure 13).

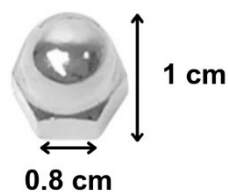


Figure 13: Metal nut



### 3. Conclusion

The Amosijoy Foldable Cat Window Perch is a simple cat hammock designed for easy assembly by users who want to give their cats a view of the outside world. The Amosijoy window perches are available in a variety of styles and attachment methods. Those looking to buy Amosijoy window perches can do so on their [website](#) or on [Amazon](#).

The conclusion will take a look at: (1) the cycle of operation and (2) the value to the user.

#### 3.1 Cycle of Operation for the Amosijoy Foldable Cat Window Perch

The cycle of operation requires two steps: (1) how to install the window perch and (2) how to maintain the window perch. To accompany the following, this [video](#) is an additional guide for users [2].

##### 3.1.1 How to Install the Amosijoy Foldable Cat Window Perch

The Amosijoy Foldable Cat Window Perch is assembled by building the frame system first. The two straight pipes are connected by pressing the buckle on one end and aligning it with the small hole the other straight pipe's end. The two right-angle pipes are connected using the same buckle function. The right-angle pipe is placed into the groove on the base of the fixed foot. A screw is threaded through the through hole of the right-angle pipe on the exterior side of the base. The straight pipe is inserted through the other hole on the interior side of the base. A hex key is rotated clockwise to tighten the screw from the exterior side, attaching the right-angle and straight pipes in the base. This process is repeated to clamp the straight and right-angle metal pipes into the fixed foot on the other side.

The suction cups are attached by aligning their bolts with the upper through holes on the fixed feet with the metal nuts. Once aligned, the suction cups are rotated clockwise to tighten the bolt and metal nut.

Either side of the reversible pad can be used depending on the user's preference or temperature. The reversible pad is placed onto the metal frame and is fully zipped to keep it securely attached.

The window is cleaned to remove dust and debris, improving the adhesion of the suction cups and providing a clear lookout view. Each of the four suction cups is pressed against the window to squeeze out air around the rim. Once fully assembled and mounted, the Amosijoy Foldable Cat Window Perch provides a secure, elevated, and comfortable surface for cats.

##### 3.1.2 How to Maintain the Amosijoy Foldable Cat Window Perch

To improve sticking capability, the suction cups are soaked in hot (90°C) water for five minutes to soften them and recover their cup-like shape. Drying is required after soaking. Once the suction cups are reattached to the fixed feet, the perch can be mounted to a window.

To clean the reversible pad, it is to be unzipped from the frame and washed in cold water on a gentle cycle. It is recommended to air dry the pad. But, if using a dryer, it should be dried on low heat. After drying completely, the pad can be fully zipped onto the frame.

#### 3.2 Value of the Amosijoy Foldable Cat Window Perch to the User

The Amosijoy Foldable Cat Window Perch combines comfort, convenience and stimulation all in one product. The window perch is a cozy spot for cats to relax on with two reversible styles. It has removable and washable covers for simple clean-up. The foldable design makes it easy to put away and saves space. Its high viewpoint offers environmental enrichment to cats who like to observe their surroundings inside and outside the home.

## References

- [1] "Foldable Cat Window Perch," Amosijoy, [Online]. Available: <https://amosijoy.com/collections/best-sellers/products/foldable-cat-window-perch>. [Accessed 11 November 2024].
- [2] "Amosijoy Foldable Cat Window Perch Assembly Demo," YouTube, 16 June 2023. [Online]. Available: <https://www.youtube.com/watch?v=9ml6vWnlcUg>. [Accessed 11 November 2024].