Polarduck FLYHANA

Polarduck TV Wall Mount Bracket
INSTRUCTION MANUAL

Model: FLYHANA

Product Overview

The Polarduck TV Wall Mount Bracket is designed to securely mount 23-55 inch LED, LCD, Plasma, and Curved Screens to the wall, providing a low-profile and space-saving solution. It features universal VESA compatibility and is constructed from high-quality cold rolled steel for maximum durability and safety.

- **VESA Compatible:** Fits most 23-55 Inch TVs with VESA standards 400x400mm, 200x200mm, 100x100mm, and intermediate sizes.
- **Ultra Slim Design:** Positions TV only 26mm (1 inch) from the wall for a sleek appearance.
- **Supreme Material:** Made of strong cold rolled steel, supporting up to 60 kg (132 lbs).
- **Quick Installation:** Includes full instructions, fitting hardware, and a built-in spirit level for accurate mounting. Suitable for masonry, wood, and stud walls.
- **Certified Quality:** ISO9001, TUV/GS, and UL certified.

Safety Information

Please read all instructions carefully before installation. Incorrect installation may result in serious injury or damage to your TV and property. If you are unsure about any part of the installation process, consult a qualified professional.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 60 kg (132 lbs).
- **VESA Compatibility:** Ensure your TV's VESA pattern falls within the supported range (Min 100x100mm to Max 400x400mm).
- **Wall Type:** Verify that the wall structure can safely support the combined weight of the mount and your TV. Always mount into wall studs for wood walls or use appropriate anchors for masonry/concrete walls.
- **Tools:** Use appropriate tools for installation and wear safety gear.

Package Contents

Before beginning installation, ensure all parts are present and undamaged. Refer to the image below for a visual representation of the included hardware kit.

SUPREME MATERIAL
2.3mm strengthen premium rolled steel

Figure 1: Complete hardware kit including wall bracket, screws, washers, anchors, and spirit level.

- TV Wall Bracket (Main Frame) x 1
- TV Mounting Rails x 2
- Installation Guide x 1
- Complete Hardware Kit x 1 (Assorted screws, washers, spacers, wall anchors, spirit level)

Setup and Installation

Follow these steps carefully to install your Polarduck TV Wall Mount Bracket.

Step 1: Verify TV Compatibility and VESA Pattern

Before mounting, confirm your TV's size is between 23 and 55 inches. Locate the four mounting holes on the back of your TV and measure the horizontal and vertical distances between them. This is your TV's VESA pattern. Ensure it falls within the mount's supported range (Min 100x100mm to Max 400x400mm).
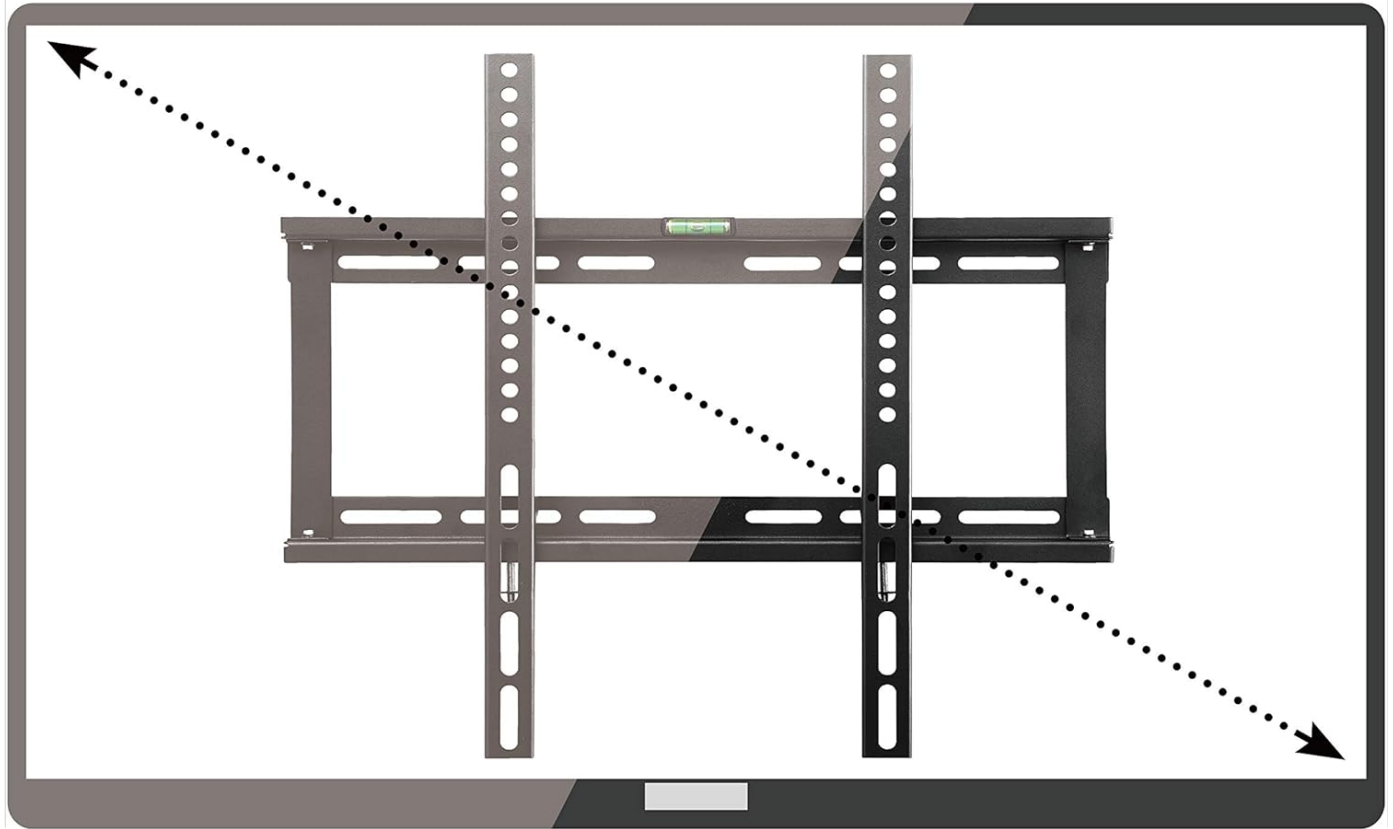
BRACKET
COMPATIBLITY

FITS 23-55"TVS

Figure 2: Visual representation of TV size compatibility (23-55 inches).

BRACKET ADJUSTMENT

Measure your TV VESA

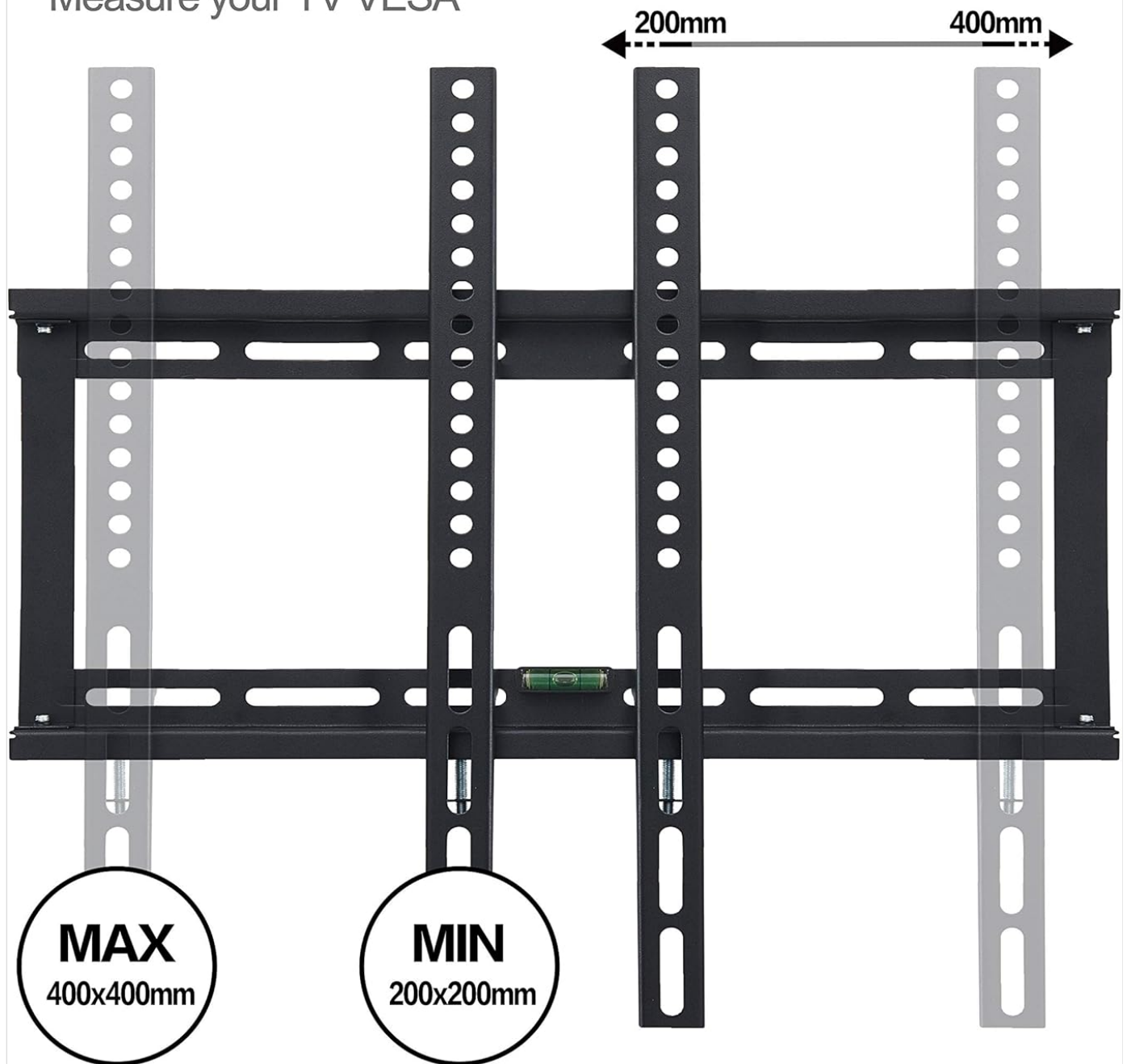200mm ← → 400mm

MAX 400x400mm

MIN 200x200mm

Figure 3: Guide to measuring your TV's VESA pattern for bracket adjustment.

Step 2: Attach TV Mounting Rails to TV

Align the two vertical TV mounting rails with the VESA holes on the back of your TV. Use the appropriate screws and washers from the hardware kit to secure the rails. Ensure they are tightened securely but do not overtighten.

Step 3: Mark Drilling Positions on Wall

Determine the desired height for your TV. Hold the main wall bracket against the wall at this height. Use the integrated spirit level on the bracket to ensure it is perfectly horizontal. Mark the drilling points through the holes on the bracket using a pencil.
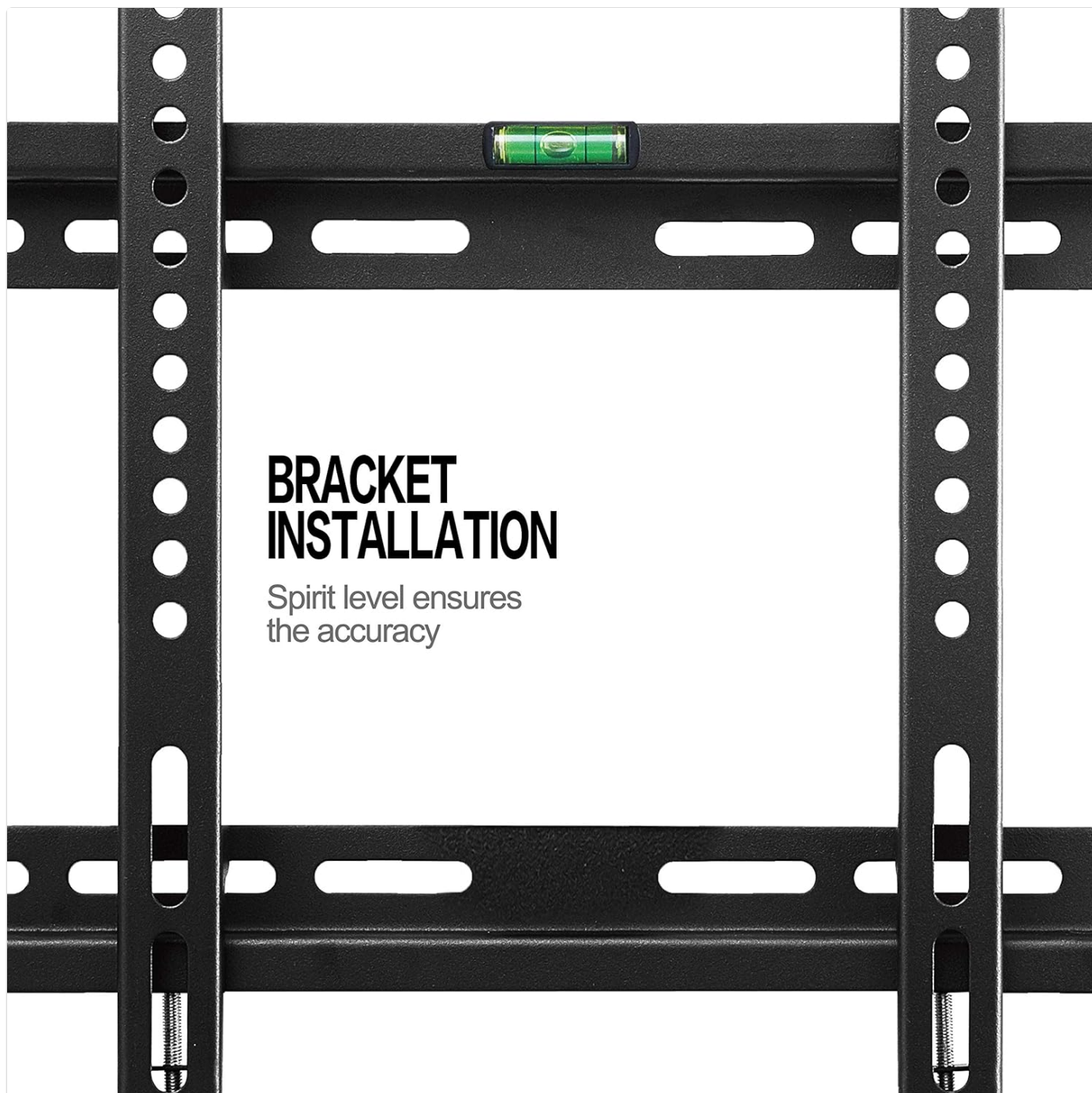
BRACKET INSTALLATION

Spirit level ensures
the accuracy

Figure 4: The built-in spirit level assists in ensuring accurate and level installation of the wall bracket.

Suitable for all kinds of wall space

Figure 5: The mount is designed for installation on various wall types, including wood, concrete, and brick.

Step 4: Drill Holes and Install Wall Anchors (if necessary)

Drill pilot holes at the marked positions. For wood stud walls, drill directly into the center of the studs. For masonry or concrete walls, use a masonry drill bit and insert the appropriate wall anchors provided in the kit. Ensure anchors are flush with the wall surface.

Step 5: Secure Wall Bracket to Wall

Attach the main wall bracket to the wall using the provided lag bolts. Tighten all bolts firmly to ensure the bracket is securely fastened to the wall. Re-check the level after tightening.

Step 6: Hang TV onto Wall Bracket

Carefully lift your TV with the attached mounting rails and hook the rails onto the top edge of the wall bracket. Gently lower the TV until the rails fully engage with the bracket. Ensure the TV is centered and stable. The ultra-slim design will position your TV close to the wall.

ULTRA SLIM DESIGN

TV sits 2.5" from wall

25mm

Figure 6: The ultra-slim design ensures the TV is positioned very close to the wall, approximately 26mm (1 inch).

Operating the Mount

The Polarduck TV Wall Mount is a fixed, low-profile mount designed for stability and space-saving. Once installed, your TV will be securely held in place, providing an optimal viewing experience.

- **Viewing Angle:** This mount provides a fixed viewing angle. Ensure the TV is mounted at a comfortable height for your primary viewing position.
- **Cable Management:** Due to the low-profile design, plan your cable routing before hanging the TV to ensure easy access and a tidy appearance.

Maintenance

Regular maintenance helps ensure the longevity and safety of your TV wall mount.

- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically inspect all screws and bolts to ensure they remain tight. Over time, vibrations or minor shifts can loosen fasteners.
- **Structural Integrity:** Check the wall around the mount for any signs of stress, cracks, or damage. If any issues are observed, consult a professional.

Troubleshooting

If you encounter issues during or after installation, consider the following common solutions:

- **TV Not Level:**

  Solution: Re-check the wall bracket's level using the integrated spirit level. If necessary, slightly adjust the wall bracket's position or re-drill if significant misalignment occurred. Ensure the TV mounting rails are securely and evenly attached to the TV.

- **Mount Feels Unstable:**

  Solution: Ensure all wall bolts are fully tightened. Verify that the mount is secured into wall studs (for wood walls) or appropriate heavy-duty anchors are used for masonry/concrete. Do not rely solely on drywall anchors for heavy TVs.

- **TV Does Not Fit Mount:**

  Solution: Double-check your TV's VESA pattern against the mount's specifications (Min 100x100mm, Max 400x400mm). If your TV's VESA is outside this range, the mount is incompatible. Also, ensure your TV's weight does not exceed 60 kg (132 lbs).

- **Missing Hardware:**

  Solution: Refer to the "Package Contents" section and the hardware kit image. If parts are genuinely missing, contact Polarduck customer support.

Specifications

Detailed technical specifications for the Polarduck TV Wall Mount Bracket.

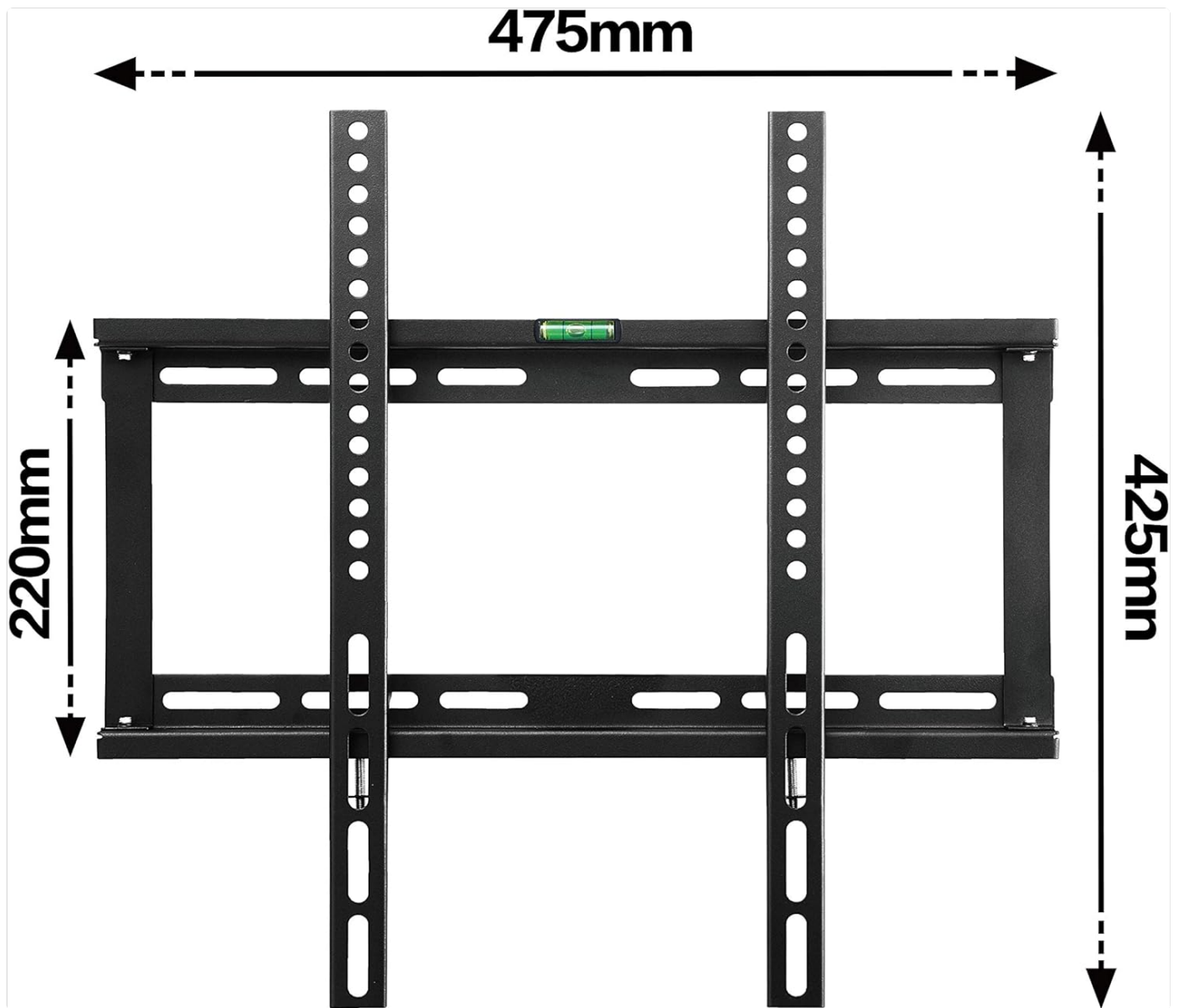| Brand	Polarduck
Model Number	FLYHANA
Compatible TV Sizes	23-55 Inches
VESA Compatibility	Min: 100x100mm, Max: 400x400mm (Also compatible with 400x200mm, 300x300mm, 200x200mm, 200x100mm)
Maximum Weight Capacity	60 kg (132 lbs)
Distance from Wall	26 mm (1 inch)
Material	High Quality Cold Rolled Steel
Color	Black
Item Weight	2.84 pounds
Package Dimensions	17.6 x 2.6 x 1.93 inches
UPC	760385368378, 760385368330

Figure 7: Technical dimensions of the Polarduck TV Wall Mount Bracket.

Warranty and Support

Polarduck products are manufactured to high standards and are backed by quality certifications.

- **Quality Assurance:** This product is ISO9001, TUV/GS, and UL certified, ensuring it meets rigorous quality and safety standards.
- **Customer Support:** For any questions, concerns, or assistance with installation, please refer to the contact information provided with your purchase or visit the official Polarduck website for support resources.