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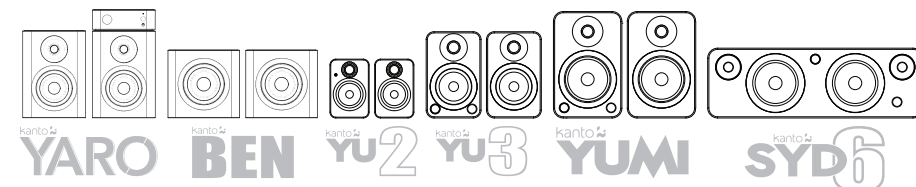
English

User Manual

M250 TV Mount

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Warranty

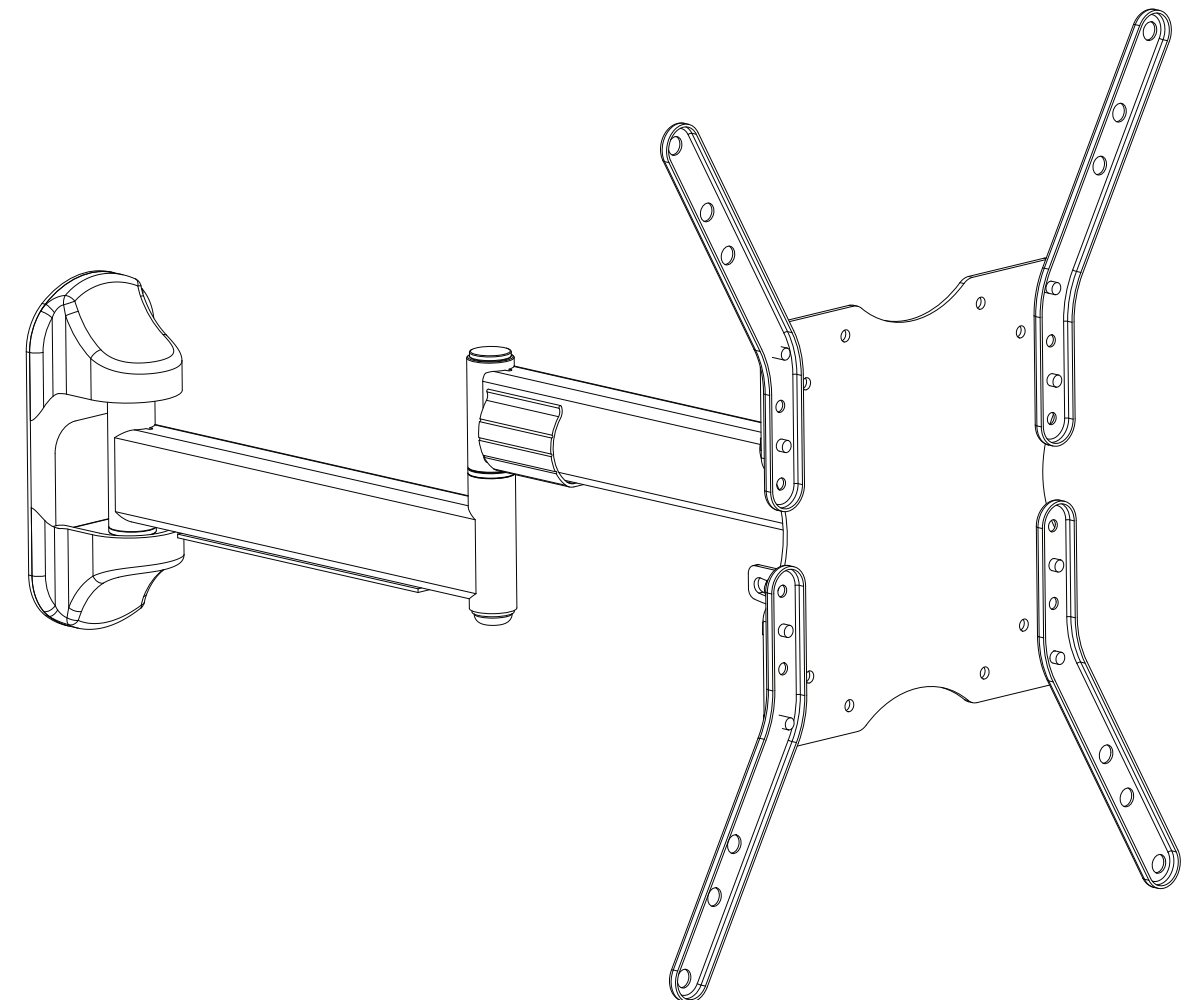
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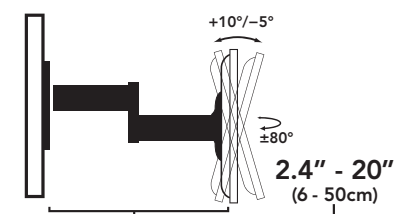
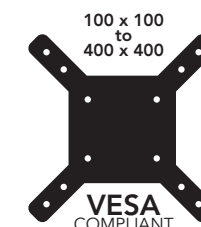
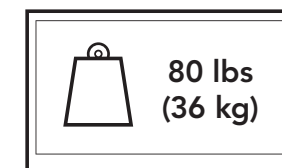
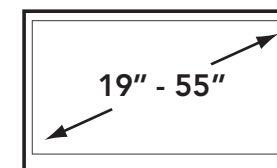
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The information in the owner's manual has been carefully checked and is believed to be accurate. However, Kanto assumes no responsibility for any inaccuracies that may be contained in the manual. In no event will Kanto, be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages.



FULL MOTION FLAT PANEL TV MOUNT



13-07



www.kantoliving.com
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Supporting your digital lifestyle™

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Introduction

Thank you for choosing a Kanto articulating wall mount. The M250 is designed to mount flat panel televisions weighing up to 80 lbs (36 kg). This mount extends up to 20" from the wall, will tilt your TV +10° / -5°, and swivel (pan) left and right up to 80° (depending on TV size).

Read these instructions fully before installation of this mount. If you do not understand these directions, or have any doubts about the safety of the installation, please consult a qualified installation contractor to install this mount. Make sure there are no defective or missing parts. Do not use defective parts. If you are uncertain whether the part is defective call Kanto directly at 1-888-848-2643 or support@kantoliving.com. Kanto cannot be liable for property damage or injury caused by incorrect mounting, incorrect assembly, lifting or incorrect use of this product.

This product should not be mounted on steel stud walls or cinder block walls. Consult a qualified installation contractor if you are unsure about the type of wall you may have. We make every effort to ensure all necessary hardware is included. If there is hardware missing please call Kanto directly at 1-888-848-2643 or support@kantoliving.com.

See installation video online at:

www.kantoav.com/pages/video-m250



CAUTION

The maximum loading weight is 80 lbs (36 kg). This wall mount is intended for use only with the maximum weights indicated. Use with products heavier than the maximum weights indicated may result in instability causing possible injury. Recommended TV Size: 19 inch to 55 inch.



CAUTION

The wall you plan to affix the Kanto mount to must be able to support more than 5 times the weight of the television and the wall mount combined. Do not use this product for any purpose other than to mount a flat panel TV on a vertical surface as outlined in this manual. Improper installation may cause damage to your TV or serious injury. This product should not be mounted to steel stud walls, cinder block or old concrete walls. Consult a qualified installation contractor if you are unsure about the type of wall you may have.



CAUTION

Read this section carefully prior to install.

Step 4: Attach TV and TV Plate to Mount Plate

Loosely attach the top two M8 nuts to the TV plate. With the TV plate firmly secured to the TV, use two people to lift the TV into position and hook the TV plate into the slots at the top of the mount plate. Attach the bottom two M8 nuts and tighten all four nuts using your socket set to secure the TV plate in place. See Diagram J.

You can adjust the horizontal level of the TV by loosening the two level screws on either side of the Mount Plate (one is shown in Diagram J) with the 5mm Allen Key (O), adjusting the TV to ensure it is level, and tightening the screws.

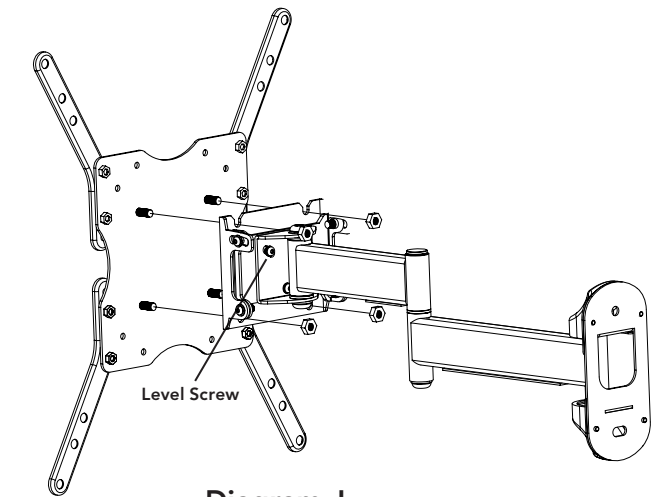


Diagram J

Step 5: Tilt the TV

Loosen the tilt bolts on both sides of the mount plate using the 5mm Allen Key (O), as shown in Diagram K. Tilt the TV to the desired angle and tighten the tilt bolts.

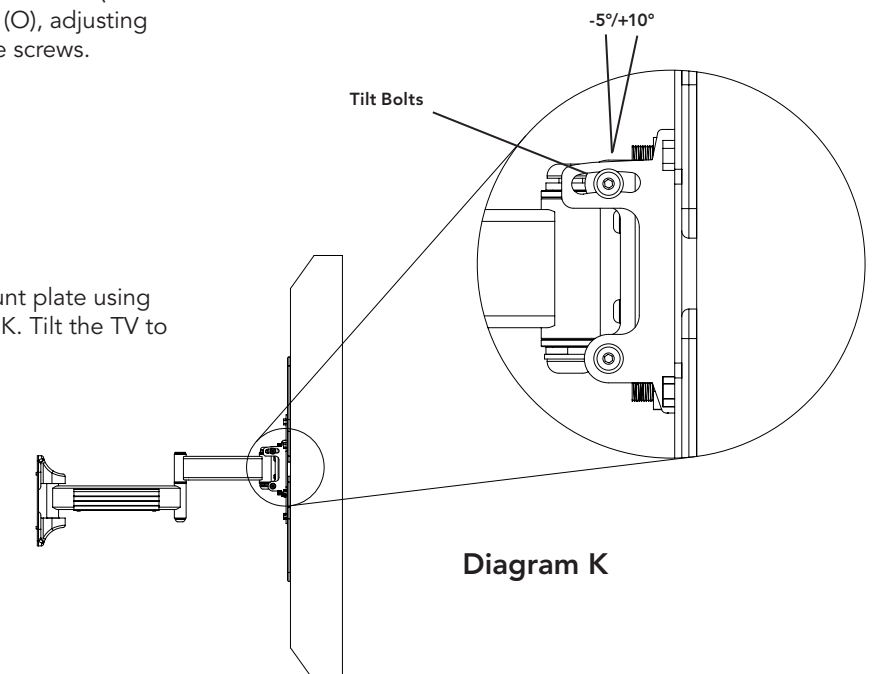


Diagram K

Step 6: Cable Management

Route your TV cables using the cable management covers installed to the underside of the M250 mount arms, as shown in Diagram L. The cable management cover is located on the opposite side of the front arm. You can remove the screws and mount each of the cable management covers on the opposite side, if desired.

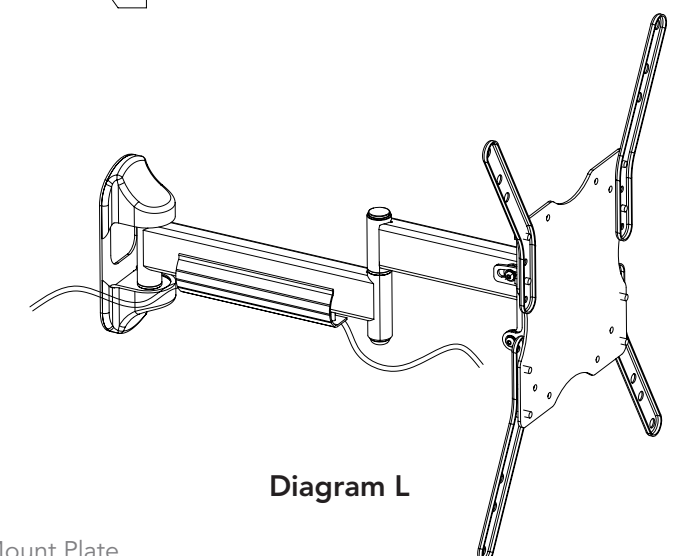


Diagram L



WARNING

Use two people to lift and position the TV onto the Mount Plate.

Step 3: Mount Wall Plate Assembly

Wood Stud Wall

The Wall Plate Assembly must be mounted to a wood stud. Use a stud sensor to locate the stud, clearly marking the outer edges of the stud.

Pre-drill the top hole, then temporarily attach the Wall Plate to the wall using a Lag Bolt (M). Using a level, ensure that the Wall Plate is vertical, and mark the bottom hole. Remove the Wall Plate and pre-drill the bottom hole. Attach the Wall Plate using 2 Lag Bolts (M) and 2 Lag Bolt Washers (K) as shown in Diagram H. Do not over-tighten lag bolts (M). Make sure the Wall Plate is flat against the wall surface.

Attach the End Caps (W) to the top and bottom of the wall plate.

Wood

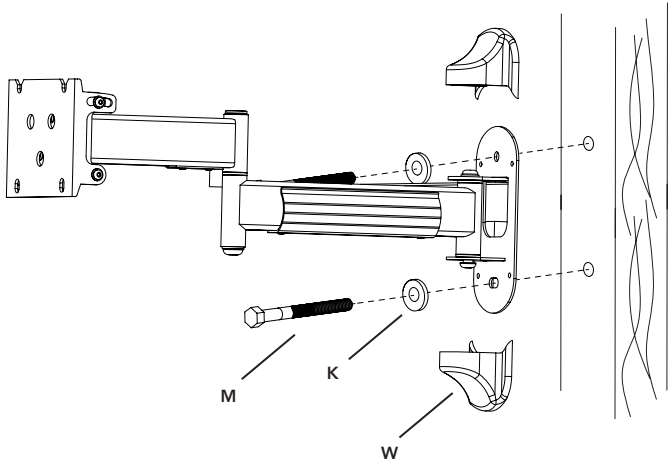
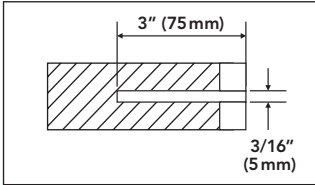


Diagram H

CAUTION Make sure the supporting surface will support the load limits outlined in the Caution at bottom of page two. Tighten Lag Bolts until the Wall Plate is snug flat against the wall. Do not over tighten Lag Bolts (M). Each Lag Bolt must be located in the center of a wood stud.

Brick or Concrete Wall

Using the Wall Plate as a template, use a level to ensure that the Wall Plate is vertical, then mark the two holes at your desired height. Adjust the Wall Plate position to be clear of mortar joints.

Pre-drill two holes, and insert a Concrete Anchor (N) into each of the holes flush with the concrete wall surface and not flush with the surface covering, such as drywall.

Attach the Wall Plate using 2 Lag Bolts (M) and 2 Lag Bolt Washers (K) as shown in Diagram I. Make sure the Wall Plate is flat against the wall surface. Do not over-tighten Lag Bolts (M).

Attach the End Caps (W) to the top and bottom of the wall plate.

Concrete

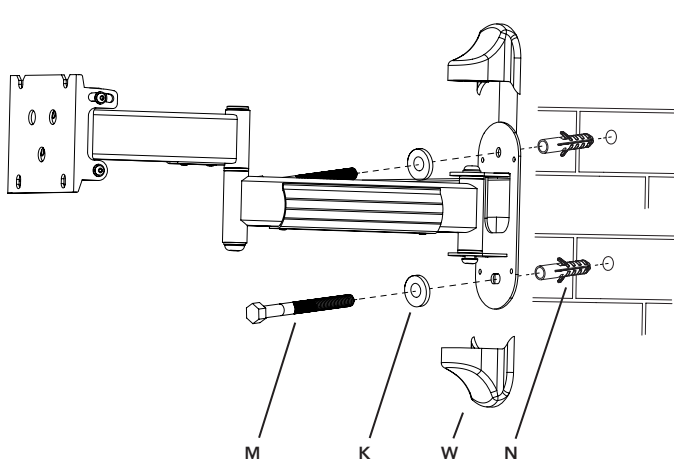
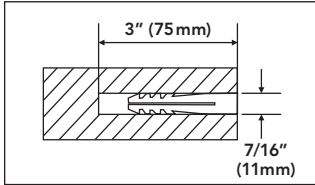
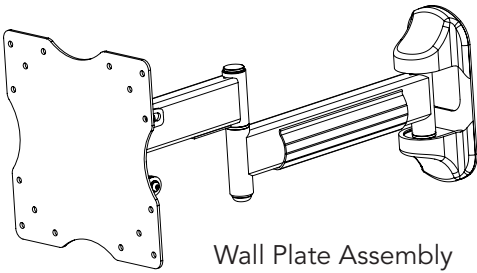



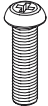
Diagram I


CAUTION Make sure the concrete or brick wall is at least 3.5" thick. Make sure the anchor is seated completely flush with the concrete surface even if there is another layer of material, such as drywall. If drywall is over 5/8" thick custom lag bolts must be used. Concrete must be a minimum of 2000psi in density.

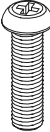
Supplied Parts and Hardware





**x4**

**x4**

**x4**

**x4**

**x4**

**x4**

A: M4 x 15mm Screw

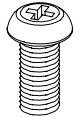
B: M4 x 25mm Screw

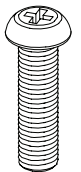
C: M5 x 15mm Screw

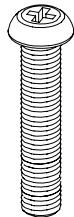
D: M5 x 25mm Screw


E: M6 x 15mm Screw


F: M6 x 25mm Screw


**x4**

**x4**

**x4**

**x4**

**x2**

**x4**

G: M8 x 15mm Screw

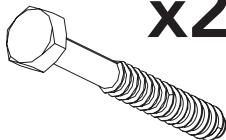
H: M8 x 25mm Screw

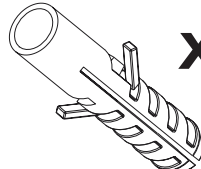
I: M8 x 35mm Screw

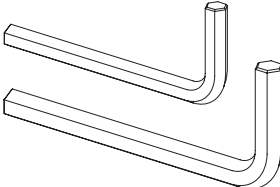
J: Washer

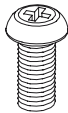
K: Lag Bolt Washer

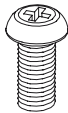
L: Plastic Spacer


**x2**

**x2**

**x8**

**x8**

**x8**

**x8**

M: Lag Bolt


N: Concrete Anchor


O: Allen Key (5mm)

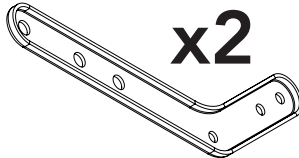
P: Allen Key (6mm)

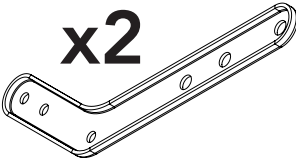
Q: Extension Arm Screw (M6 x 15mm)

R: Washer

**x4**

**x8**

**x2**

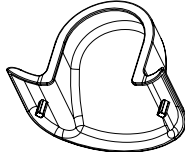
**x2**

S: Plastic Spacer

T: Extension Arm Nut (M6)

U: Extension Arm

V: Extension Arm

**x2**

W: End Cap

Required Tools

• 3/16" wood drill bit

• 7/16" masonry bit (for concrete installs)

• Socket set

• Phillips screwdriver

• hammer (for concrete installs)

• carpenter's level

• stud finder

Step 1: Determine VESA size and Prepare TV Plate

There are a wide variety of TVs available offering an assortment of VESA mounting patterns. The M250 can be used with VESA patterns from 100 x 100 to 400 x 400. First, detach the TV plate from the Mount Plate by loosening the four M8 nuts. Determine your VESA pattern (horizontal and vertical spacing between the mounting holes), and then follow the appropriate steps to prepare the TV plate (if necessary).

VESA 100 x 100 - COMPLETE INSTRUCTIONS

This is a unique situation. For the smallest VESA pattern, the TV plate is not used, so you will need to jump around this manual. Follow the instructions in **Step 2.1** to select the correct bolts. Follow the instructions in **Step 3** to mount the wall plate to the wall, then return here. Mount your TV directly to the mount plate by threading the bolts chosen in Step 2.1 (with washer **J** if necessary for smaller bolts) loosely into the top two holes on the TV, lifting the TV onto the mount plate, and inserting the bottom two bolts, as shown below in Diagram A. Tighten all four bolts, and your installation is complete.

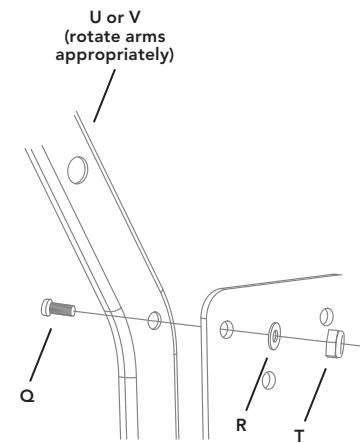
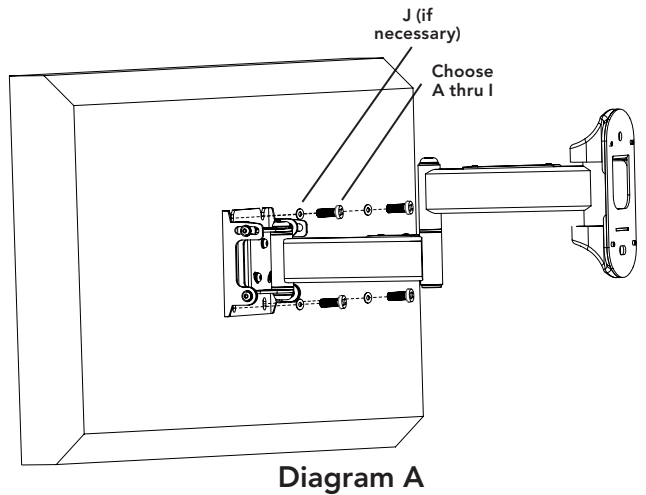


Diagram C

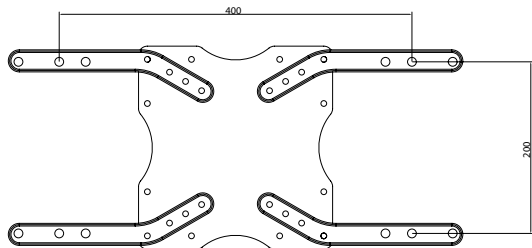


Diagram D

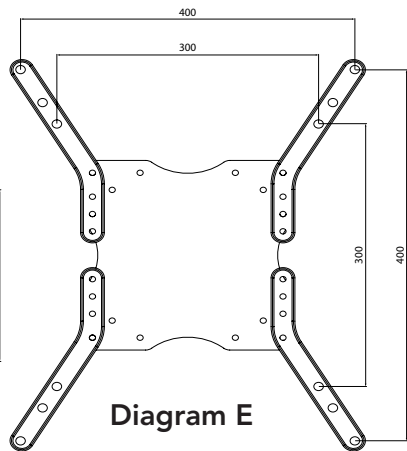


Diagram E

VESA 200 x 100 or 200 x 200

For VESA sizes from 200 x 100 mm to 200 x 200 mm, you will mount the TV plate directly to the TV (see Diagram B). The four captive bolts will face away from the TV.

VESA 400 x 200

To achieve this size you will need to attach the VESA Extension Arms **U** and **V**. Attach the extension arms as shown in Diagram C using parts **Q**, **R** and **T**. When assembled, the mount will appear as in Diagram D.

VESA 300 x 300 to 400 x 400

To achieve these sizes, you will need to attach the VESA Extension Arms **U** and **V**. Attach the extension arms as shown in Diagram C using parts **Q**, **R** and **T**. When assembled, the mount will appear as in Diagram E.

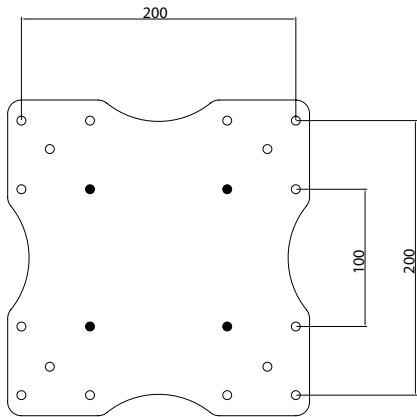


Diagram B

Step 2: Attach TV Plate to TV

There are a wide variety of TVs available that require different bolt sizes. We provide a selection of mounting bolts to fit most TVs. If you have any concerns about this mounting hardware or installation call us direct at 1-888-848-2643 or email at support@kantoliving.com.

Step 2.1 Select the correct size of bolt.

Kanto provides 4 bolt diameters (Metric sizes M4, M5, M6 and M8) in various lengths.

Parts: **A, B, C, D, E, F, G, H, or I.**

Select the correct diameter bolt and hand screw into the back of the TV to determine the correct length.

Use washer (**J**) for bolts **A** thru **F** (M4, M5 or M6 size). A washer is not required for for bolts **G** thru **I** (M8 size).

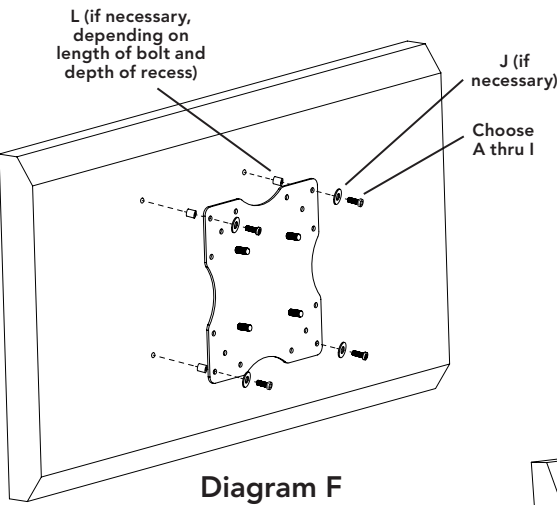


Diagram F

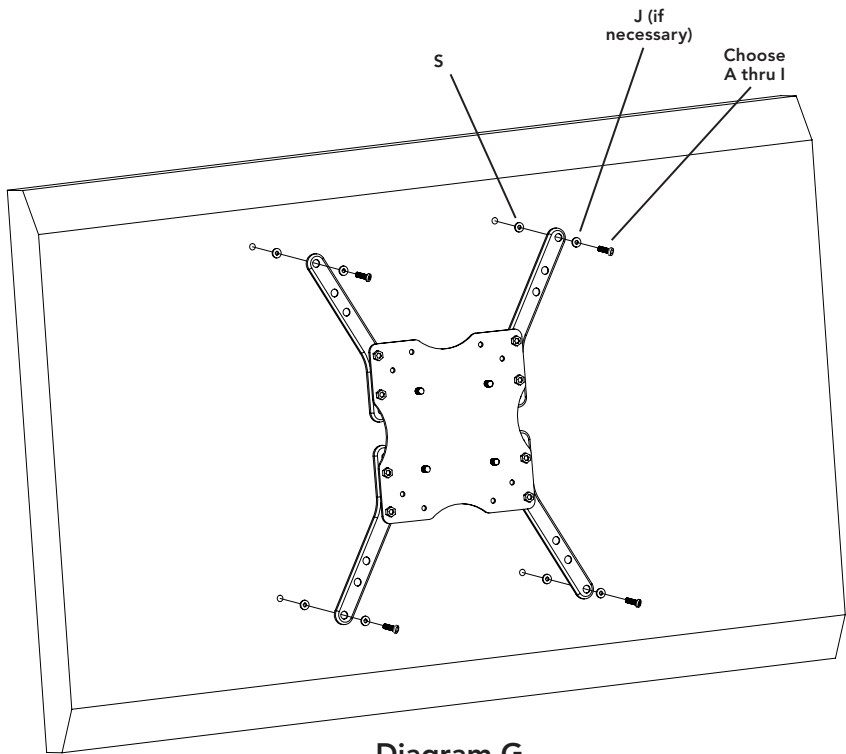


Diagram G

WARNING
Never over-tighten a screw into the back of your flat panel TV.
Do not lay the TV face down on its glass front. Use a wall or a TV stand.