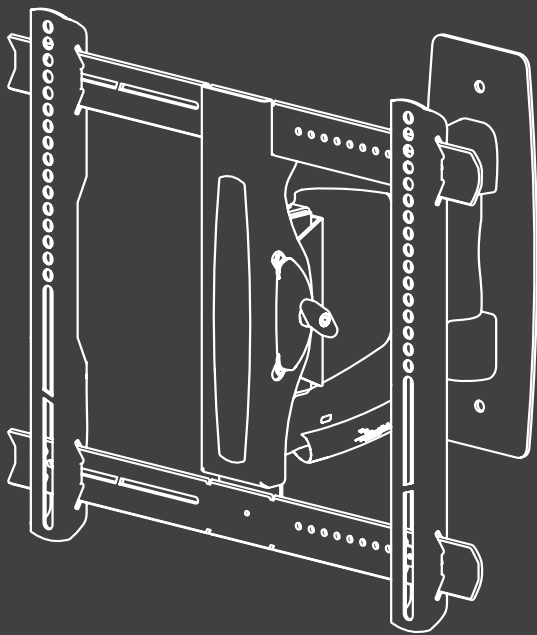




# TV WALL MOUNT

RF-TVMFM02V2/RF-TVMFM02V2-C



For wood-stud and concrete wall installations

Safety information and specifications .....	2
Tools needed.....	3
Package contents .....	3
Assembly instructions .....	5

## ASSEMBLY GUIDE

Before using your new product, please read these instructions to prevent any damage.

# Safety information and specifications



## IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

**CAUTION:** Do not use this product for any purpose not explicitly specified by Rocketfish.

Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact Customer Service or call a qualified contractor. Rocketfish is not responsible for damage or injury caused by incorrect installation or use.

The weight of your TV must not exceed 60 lbs. (27.2 kg). The wall must be capable of supporting five times the weight of your TV and wall mount combined.

This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children!

**Maximum TV weight:** 60 lbs. (27.2 kg)

**Screen size:** 26" to 40" diagonal

**Overall dimensions (W × H):**

15.8 × 17.8 × 2.8 in. (40.1 × 45.2 × 7.1 cm)

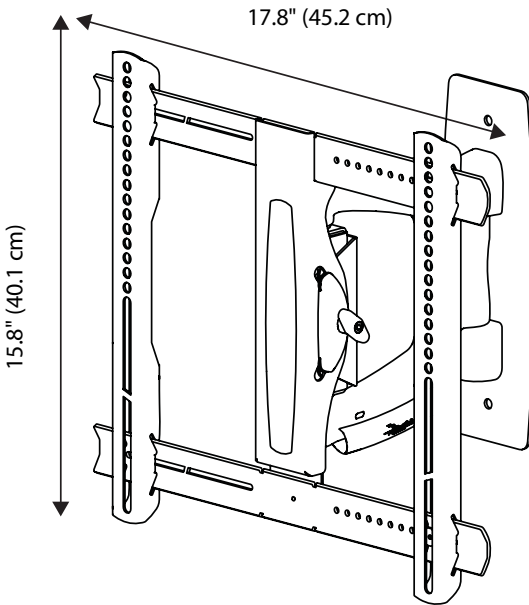
**Wall-mount weight:** 10.8 lbs. (4.9 kg)

**We're here for you**

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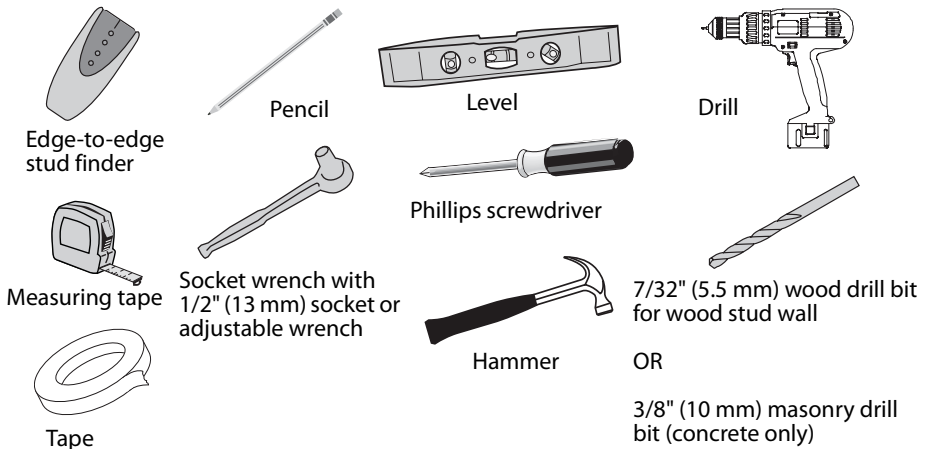
For customer service, call:

1-800-620-2790 (U.S. or Canada)



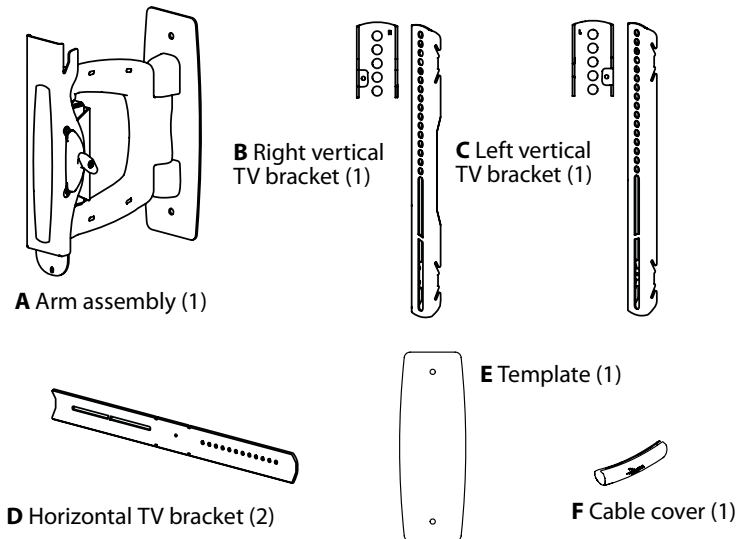
## Tools needed

You will need the following tools to assemble your new TV wall mount:
















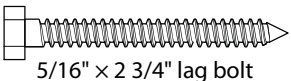



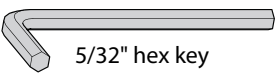
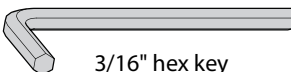
## Package contents

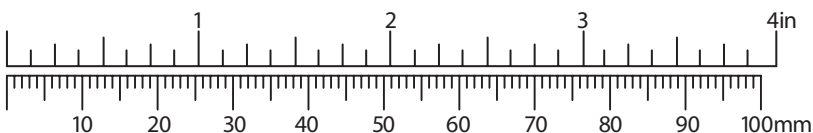
Make sure that you have all the hardware necessary to assemble your new TV wall mount:



## TV Hardware Bag

Lbl	Hardware	Qty.
G	 M4 × 12 mm screw	4
H	 M4 × 35 mm screw	4
I	 M4/M5 washer	4
J	 M6/M8 washers	4
K	 Universal spacers	4
L	 M5 × 12 mm screw	4
M	 M5 × 35 mm screw	4
N	 M6 × 12mm screw	4
O	 M6 × 35 mm screw	4
P	 M8 × 16 mm screw	4
Q	 M8 × 20 mm screw	4

Lbl	Hardware	Qty.
R	 M8 × 35 mm screw	4
S	 Lag bolt washer	2
T	 5/16" × 2 3/4" lag bolt	2
V	 8-32 × 9/16" Phillips head screw	4
W	 8-32 × 3/8" Phillips head screw	1
X	 Cable ties (8"/20.5 cm nylon)	5
Y	 5/32" hex key	1
Z	 3/16" hex key	1

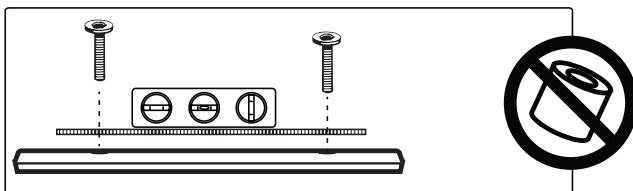




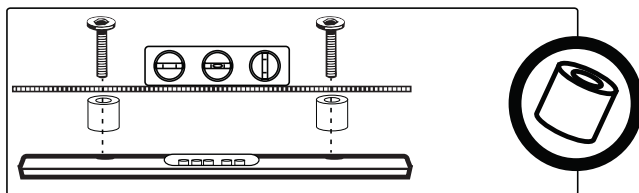
# Assembly instructions

## STEP 1 - Determine whether your TV has a flat back or an irregular or obstructed back

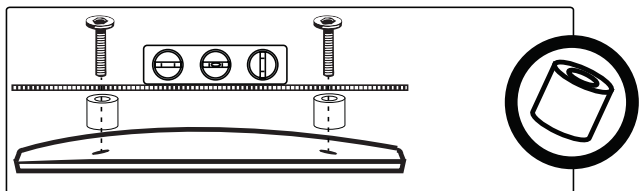
- 1 Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
- 2 If your TV has a table-top stand attached, remove the stand. See the documentation that came with your TV for instructions.
- 3 Temporarily lay the TV brackets (**B** and **C**) on the back of your TV.
- 4 Align the screw holes in the TV brackets with the mounting screw holes on your TV.
- 5 Identify which type of back your TV may have:
  - **Flat back:** The bracket lays flush against the back of your TV and does not block any jacks. You do not need spacers when assembling the wall mount.



- **Obstructed back:** The bracket blocks any of the jacks on the back of your TV. You will need spacers when assembling the wall mount.



- **Irregularly-shaped back:** There is a gap between the bracket and some part of the back of your TV. You will need spacers when assembling the wall mount.



- 6 Remove the TV bracket.

## STEP 2 - Select screws, washers, and spacers

- 1 Select the hardware for your TV (screws, washers, and spacers). A limited number of TVs come with mounting hardware included. (If there are screws that came with the TV, they are almost always in the holes on the back of the TV.) If you don't know the correct length of the mounting screws your TV requires, test various sizes by hand threading the screws.

Select one of the following types of screws:

M4 × 12 mm screws (**G**)

M4 × 35 mm screws (**H**)

M5 × 12 mm screws (**L**)

M5 × 35 mm screws (**M**)

M6 × 12 mm screws (**N**)

M6 × 35 mm screws (**O**)

M8 × 16 mm screws (**P**)

M8 × 20 mm screws (**Q**)

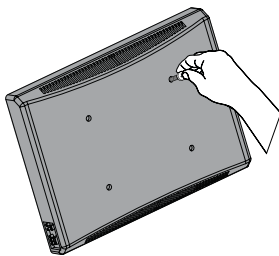
M8 × 35 mm screws (**R**)

Select M4/M5 washers (**I**) or M6/M8 washers (**J**).

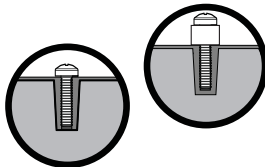
For an irregular or obstructed TV back, use the Universal spacers (**K**)



**CAUTION:** To avoid potential personal injuries and property damage, make sure that there are adequate threads to secure the brackets to your TV. If you encounter resistance, stop immediately and contact customer service. Use the shortest screw and spacer combination to accommodate your TV. Using hardware that is too long may damage your TV. However, using a screw that is too short may cause your TV to fall from the mount.



Screw fits correctly



Screw is too long



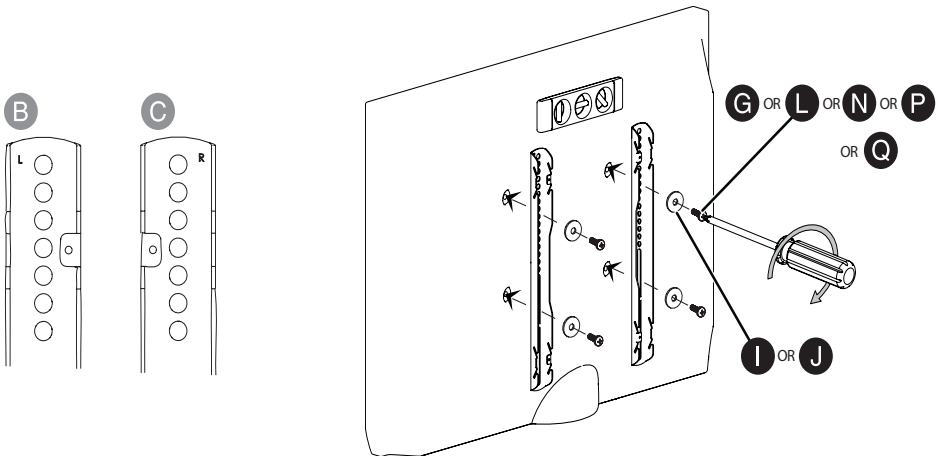
Screw is too short



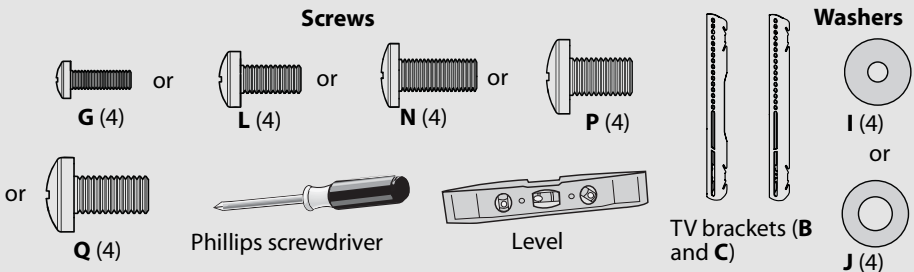
- 2 Remove the screws.
- 3 For a flat back TV, go to "Step 3 - Install the vertical TV brackets - Option 1: Installing for a TV with a flat back" on page 7.  
-OR-  
For an obstructed back, go to "Step 3 - Install the vertical TV brackets - Option 2: Installing for an irregular or obstructed back" on page 8.

### Step 3 - Install the vertical TV brackets - Option 1: Installing for a TV with a flat back

- 1 Center the brackets vertically on the back of your TV, then align the holes on the right vertical TV bracket (**B**) and left vertical TV bracket (**C**) with the screw holes on the back of your TV. The brackets are marked "R" for the right bracket and "L" for the left bracket. Make sure the brackets are level.
- 2 Place the M4/M5 washers (**I**) or M6/M8 washers (**J**) over the holes in the TV brackets that align with the screw holes on the back of your TV, then insert the M4 screws (**G**), M5 screws (**L**), M6 screws (**N**), or M8 screws (**P** or **Q**) through the washers.
- 3 Tighten the screws until they are snug against the TV bracket. Do not over tighten.

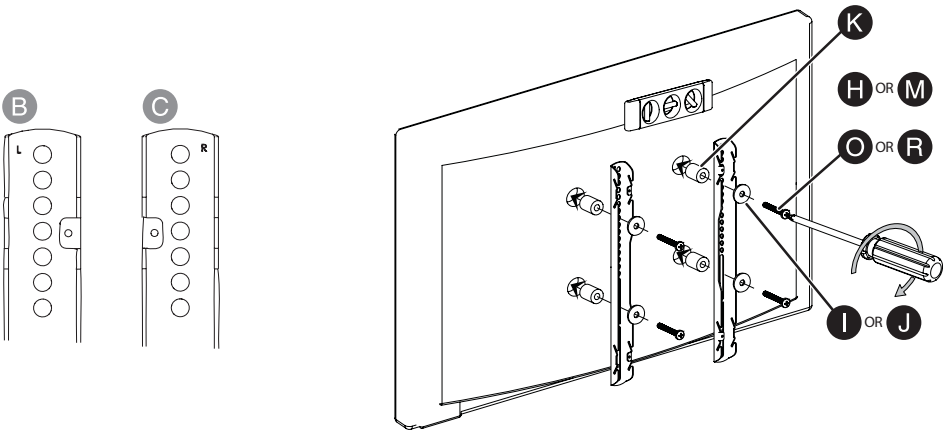


### You'll need

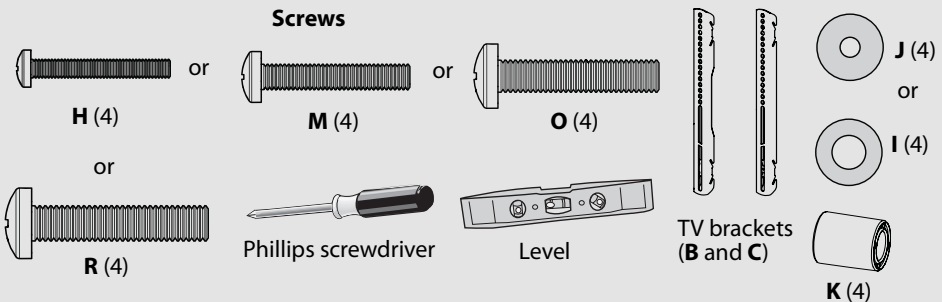


## Step 3 - Install the vertical TV brackets - Option 2: Installing for an irregular or obstructed back

- 1 Place the spacers (**K**) into the screw holes on the back of your TV.
- 2 Align the holes on the right vertical TV bracket (**B**) and left vertical TV bracket (**C**) with the spacers on the back of your TV. The brackets are marked "R" for the right bracket and "L" for the left bracket. Make sure the brackets are level.
- 3 Place the M4/M5 washers (**I**) or M6/M8 washers (**J**) over the holes in the TV brackets that align with the screw holes on the back of your TV, then insert the M4 screws (**H**), M5 screws (**M**), M6 screws (**O**), or M8 screws (**R**) through the washers.
- 4 Tighten the screws until they are snug against the TV bracket. Do not over tighten.



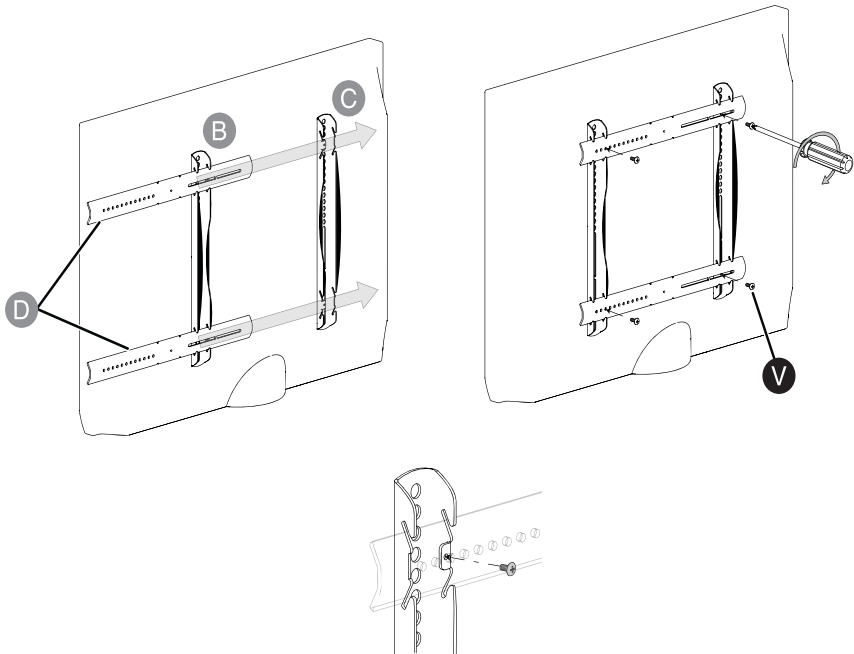
### You'll need



## Step 4 Install the horizontal TV brackets

- 1 Slide the horizontal brackets (**D**) through the metal guides on the vertical TV brackets until they are centered.
- 2 Secure the horizontal TV brackets to the vertical TV brackets using the 8-32 x 9/16" Phillips head screws (**V**). Tighten the screws until they are snug, but do not over tighten.

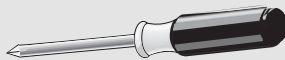
**Note:** Make sure that the brackets are not covering any jacks or connectors.



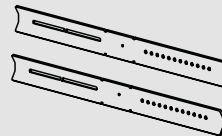
### You'll need



**V** (4)



Phillips screwdriver



Horizontal brackets (**D**)

## STEP 5 - Determine wall-mount location

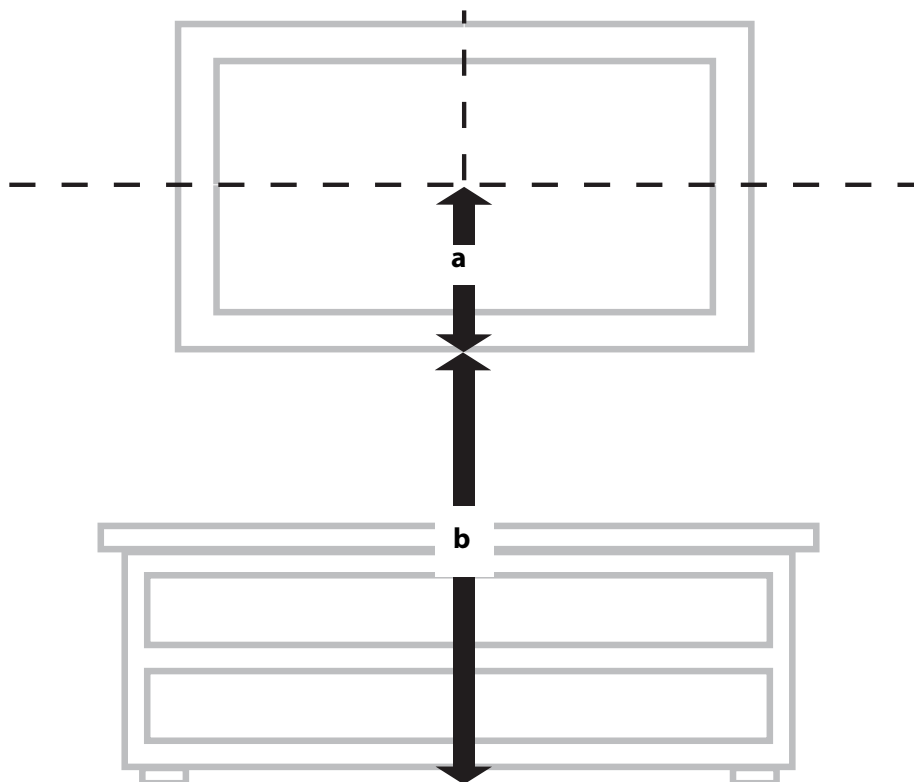
**Note:**

- For more detailed information on determining where to drill your holes, visit our online height-finder at:  
<http://mf1.bestbuy.selectionassistant.com/index.php/heightfinder>
- Your TV should be high enough so your eyes are level with the middle of the screen. Normally, 40 to 60 inches from the ground.

The center of your TV will match the center of the arm assembly (**A**). Before you drill holes in the wall:

- 1 Measure the distance from the bottom of your TV to the middle (half of the height of the TV). This is measurement **a**.
- 2 Measure the distance from the floor to where you want the bottom of the TV to be placed on the wall. Keep in mind that the bottom of the TV should be placed above any furniture (such as entertainment centers or TV stands). The TV should also be above items placed on top of the furniture (like a Blu-ray player or cable box). This is measurement **b**.
- 3 Add **a + b**. The total measurement is the height where you want the center of the TV bracket to be on the wall.

- 4 Use a pencil to mark this spot on the wall.



### You'll need



Measuring tape



Pencil

## Step 6 -Option 1 - Install the wall plate to a wood stud wall

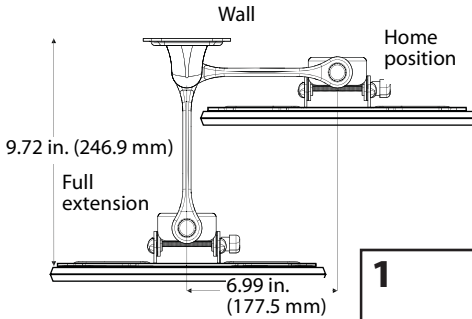
**Note:** Drywall covering the wall must not exceed 5/8" (16 mm).

- 1 Locate the stud. Verify the center of the stud with an edge-to-edge stud finder and mark the center.
- 2 Align the wall plate template (**E**) at the height you determined in the previous step and make sure that it is level. Tape the wall plate template to the wall, then use a pencil to mark the lag bolt hole locations (2). Remove the wall plate template.
- 3 Drill pilot holes to a depth of 3" using a 7/32" diameter drill bit.
- 4 Align the arm assembly (**A**) with the pilot holes, then place the lag bolt washers (**S**) over the holes in the arm assembly (**A**). Insert the lag bolts (**T**) through the washers, then tighten the lag bolts with the socket wrench only until the washers (**S**) are firm against the arm assembly.



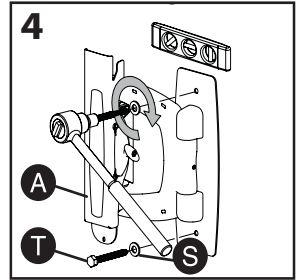
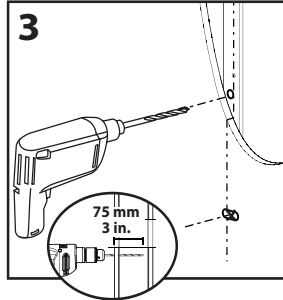
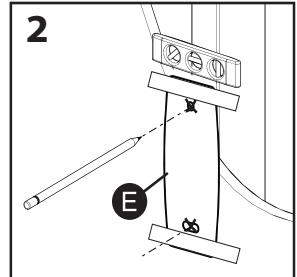
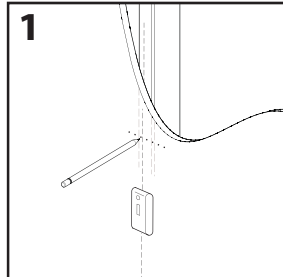
**CAUTION:** Avoid potential injuries or property damage! DO NOT over-tighten the lag bolts (**T**).



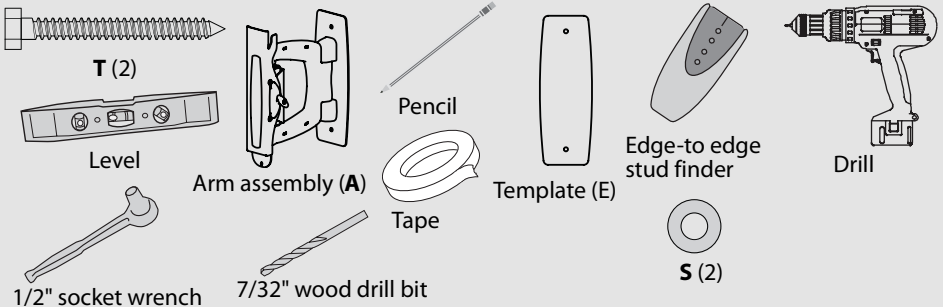


**Note:** TV shifts 6.99 in. (177.5 mm) laterally from the home position to full extension.

**Note:** Minimum wood stud size: common 51 x 102 mm (2 x 4 in.) nominal 38 x 89 mm (1.5 x 3.5 in.)



## You'll need



## **Step 6 - Option 2: Installing on a solid concrete or concrete block wall**



**CAUTION:** To prevent property damage or personal injury, never drill into mortar between blocks. Mount the arm assembly directly onto the concrete surface.

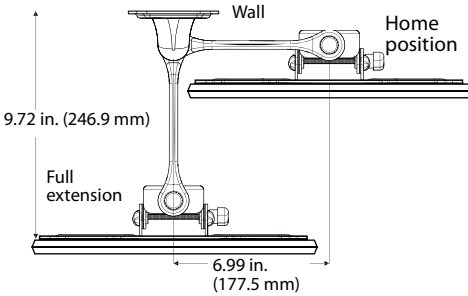
- 1 Align the wall plate template (**E**) at the height you determined in the previous step and make sure that it is level. Tape the wall plate template to the wall, then use a pencil to mark the lag bolt hole locations (2). Remove the wall plate template.
- 2 Drill pilot holes to a depth of 3 in. (75 mm) using a 3/8 in. (10 mm) diameter masonry drill bit.
- 3 Insert the concrete wall anchors\* into the pilot holes and use a hammer to make sure the anchors are flush with the concrete surface.
- 4 Align the arm assembly (**A**) with the anchors, insert the lag bolts (**T**) through the lag washers (**S**) and the holes in the arm assembly (**A**), then tighten the bolts only until they are firm against the arm assembly (**A**).



**CAUTION:** Avoid potential injuries or property damage!

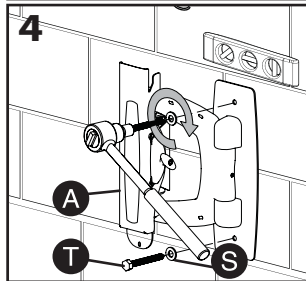
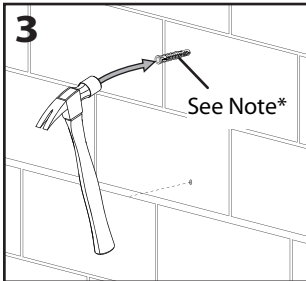
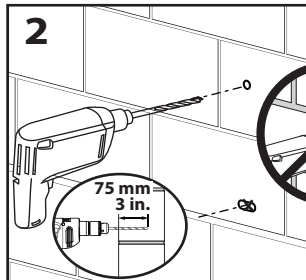
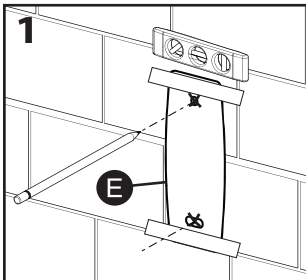
DO NOT over-tighten the lag bolts (**T**).

\*Not included. Call Customer Service to have the Fischer UX10 x 60 concrete anchor kit (Kit# CMK1) shipped directly to you.



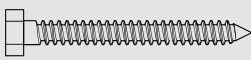
**Note:** TV shifts 6.99 in. (177.5 mm) laterally from the home position to full extension.

**Note:** Minimum solid concrete thickness: 8 in (203 mm). Minimum concrete block size: 8 x 8 x 16 in. (203 x 203 x 406 mm).

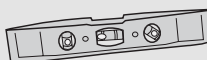


\* **Note:** Not included. Call Customer Service to have the Fischer UX10 x 60 concrete anchor kit (Kit# CMK1) shipped directly to you.

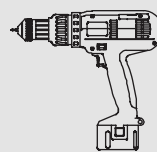
## You'll need



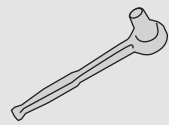
Lag bolt T (2)



Level



Drill



1/2" socket wrench



Template (E)



Arm assembly (A)



Hammer



3/8" masonry drill bit



Pencil



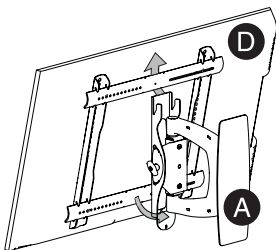
Tape



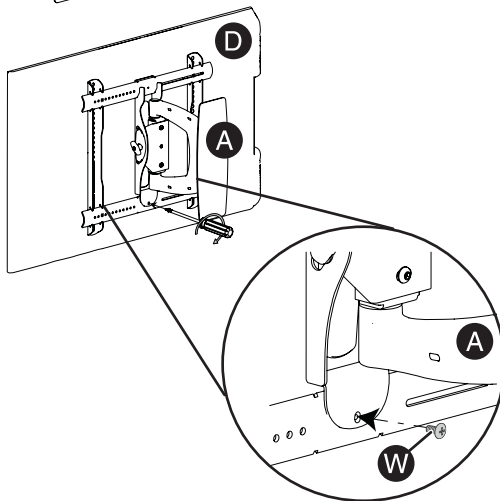
S (2)

## Step 7 - Attach the arm assembly

- 1 Hang the TV, with the brackets attached, on the upper lip of the arm assembly (**A**), as shown below.
- 2 Lower the bottom edge of the of the horizontal TV bracket (**D**) to the bottom of the arm assembly (**A**).
- 3 Secure the arm assembly (**A**) with the 8-32 x 3/8" cap screw (**W**) using a phillips screw driver. Do not overtighten the screw.



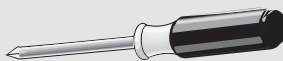
**HEAVY!** You will need assistance with this step.



### You'll need



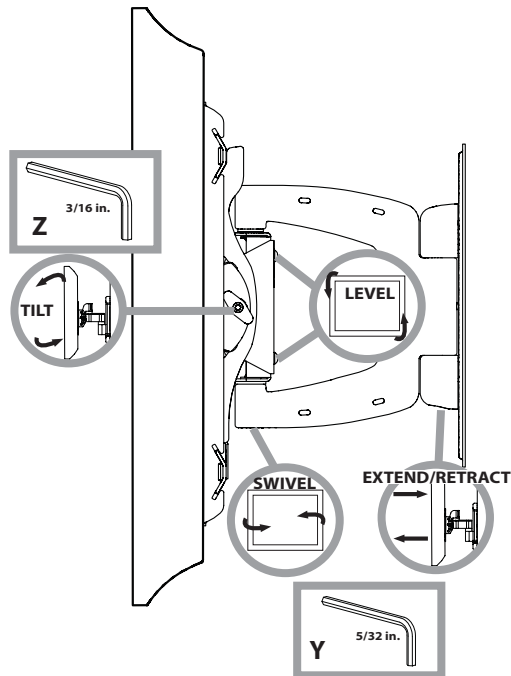
**W** (1)



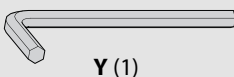
Phillips screwdriver

## Step 8 - Adjusting the tension and leveling the arm assembly

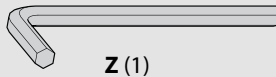
- 1 Loosen the two screws on the arm assembly using the 5/32" hex key (**Y**), then using a level, adjust the arm assembly  $\pm 6^\circ$  either clockwise or counter-clockwise to level it.
- 2 Using a 3/16" hex key (**Z**), or your hand, loosen the knob on the right side of the arm assembly, then adjust the tilt  $\pm 11^\circ$ .
- 3 Using a 5/32" hex key (**Y**) loosen the screw on the bottom front of the arm assembly and adjust the swivel by grasping the TV on both edges and moving it.
- 4 Using a 5/32" hex key (**Y**) loosen the screw on the bottom rear of the arm assembly and adjust the extend/retract by grasping the TV on both edges and pushing back or pulling forward.
- 5 Retighten all adjustment points (screws and knobs). Do not overtighten.



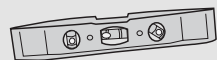
### You'll need



Y (1)



Z (1)



Level

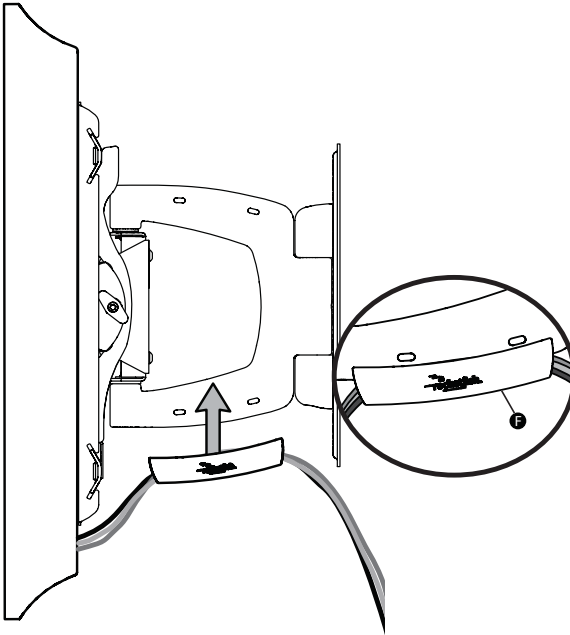
## Step 9 - Managing the cables

- Use the cable cover (F) to bundle the cables together, then attach to the arm assembly (A).

OR

- Use cable ties (X) to secure the cables to the arm assembly (A).

**Note:** You may have to readjust the forward or backward tilt after you bundle the cables.



### You'll need



X (5)



F (1)

**For customer service, call: 1-800-620-2790 (U.S. or Canada)**





Part # 6907-002074 00

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(800) 620-2790 (U.S. or Canada)

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