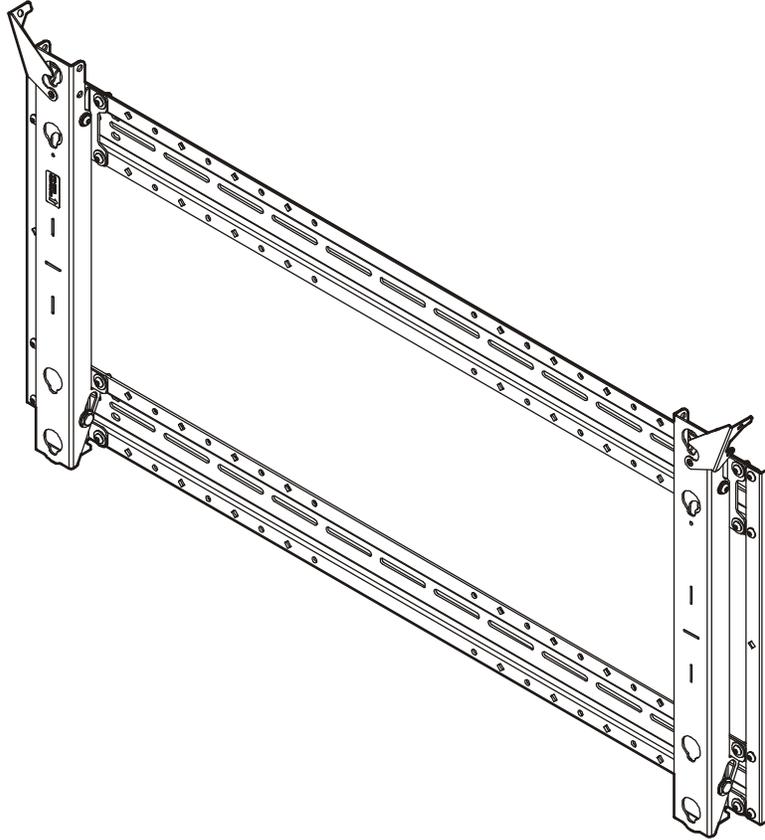


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# INSTALLATION INSTRUCTIONS

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## Large Flat Panel Static Wall Mount

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## DISCLAIMER

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## DEFINITIONS

**MOUNTING SYSTEM:** A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

**ACCESSORY:** AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

**COMPONENT:** A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.



**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



## IMPORTANT SAFETY INSTRUCTIONS



**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure the mounting system is properly assembled and installed using the instructions provided.



**WARNING:** Failure to provide adequate structural strength for this mounting system can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this mounting system is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the mounting system.



**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the weight of the screen does not exceed 350 lbs (158.8 kg).



**WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.



**WARNING:** Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.



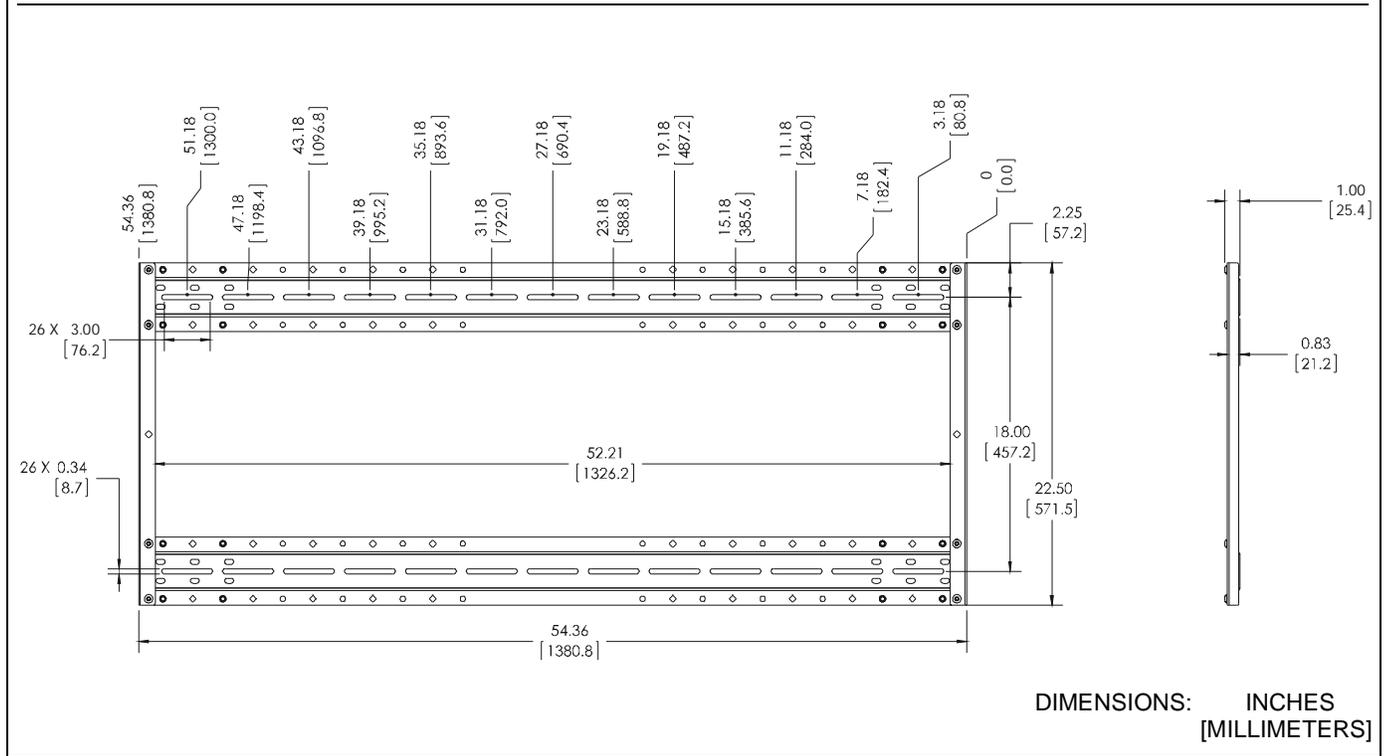
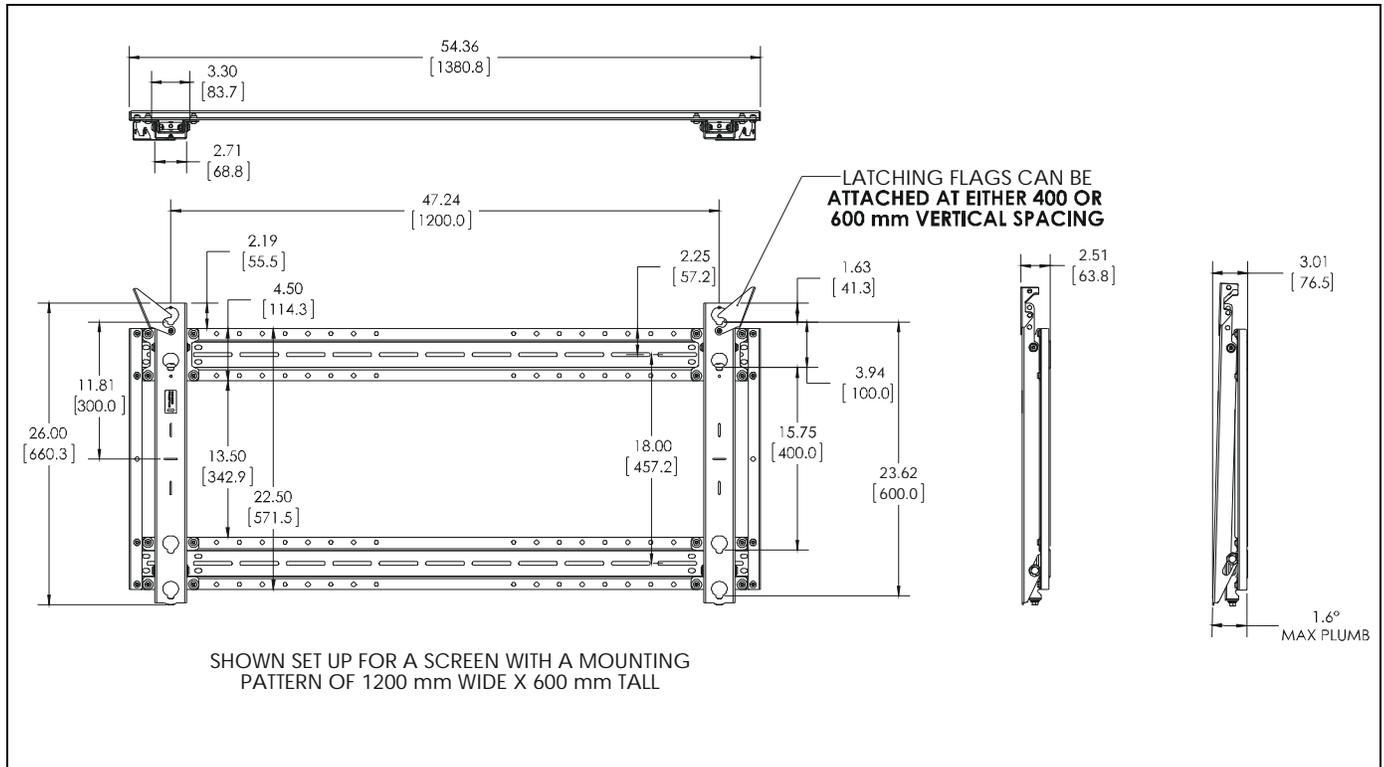
**WARNING:** Do not use this product outdoors.

**IMPORTANT ! :** The PSMH2079 mounts are designed to be attached to:

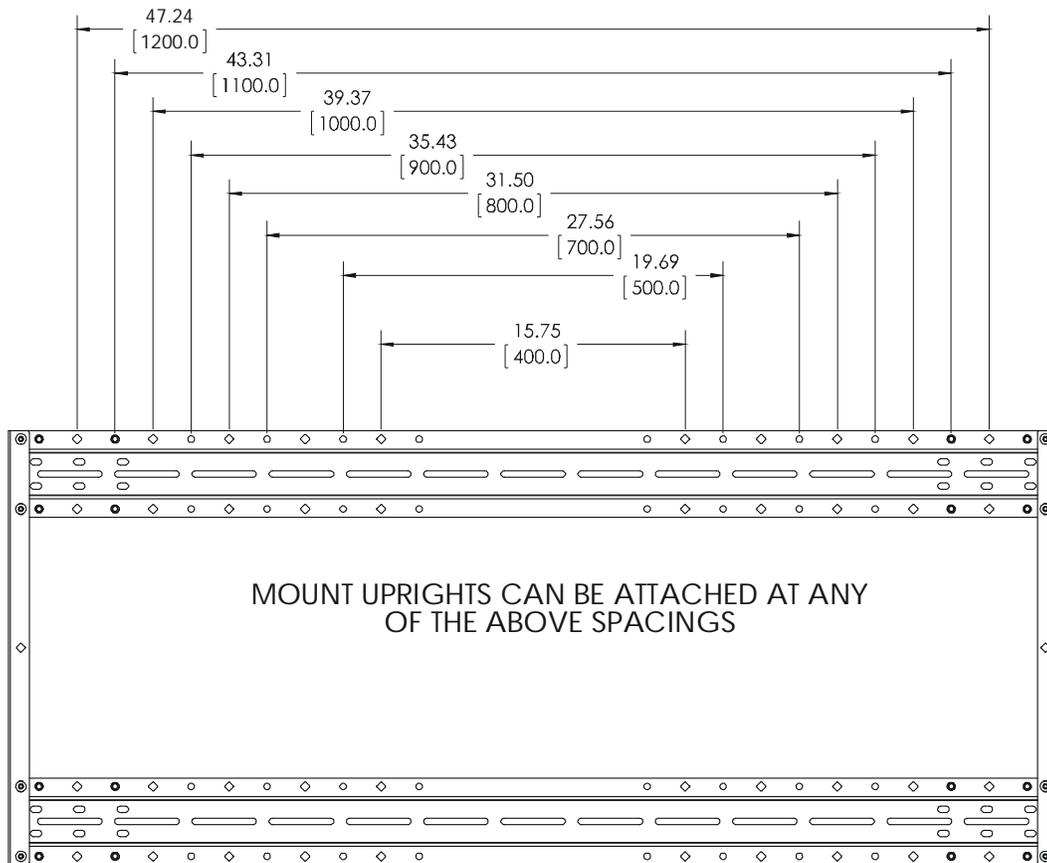
- a bare 8" concrete or 8"x8"x16" concrete block wall, or
- a 2" x 4" wood studs wall covered by drywall with maximum thickness of 5/8". Wood studs may be 16" or 24" on center.

**--SAVE THESE INSTRUCTIONS--**

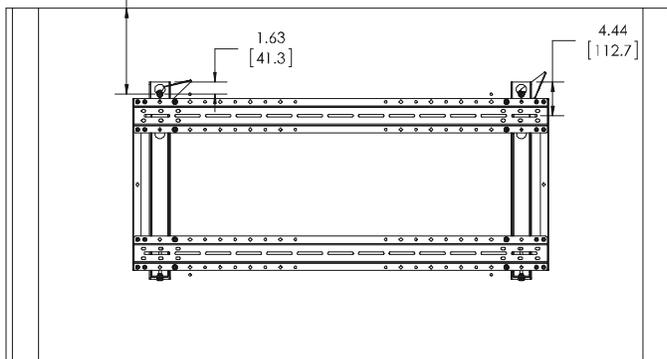
**DIMENSIONS**



**DIMENSIONS -- continued**

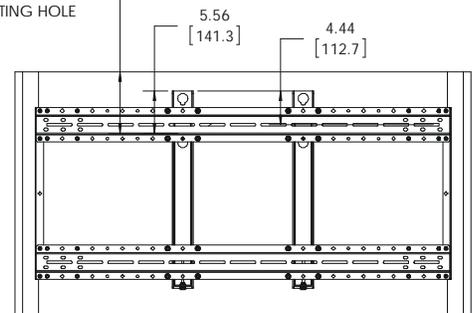


DISTANCE FROM TOP OF SCREEN TO FIRST MOUNTING HOLE



SHOWN WITH MICROSOFT SURFACE HUB 84

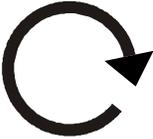
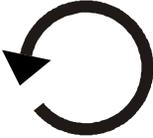
DISTANCE FROM TOP OF SCREEN TO FIRST MOUNTING HOLE



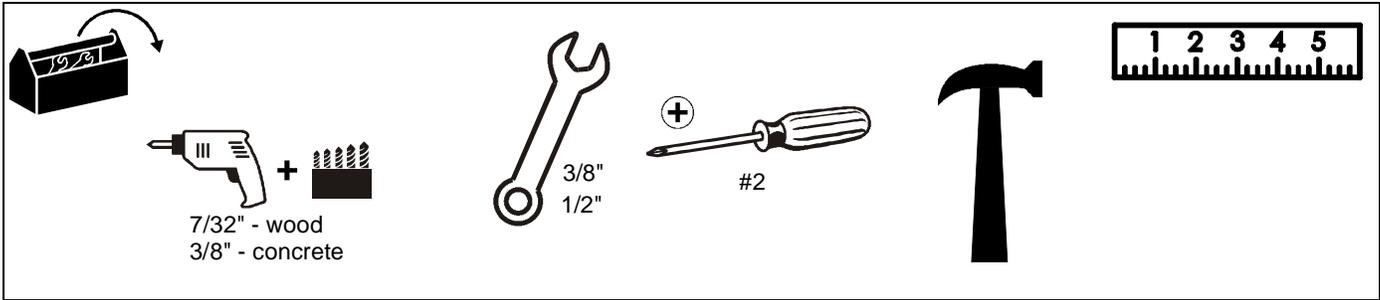
SHOWN WITH MICROSOFT SURFACE HUB 55

DIMENSIONS: INCHES [MILLIMETERS]

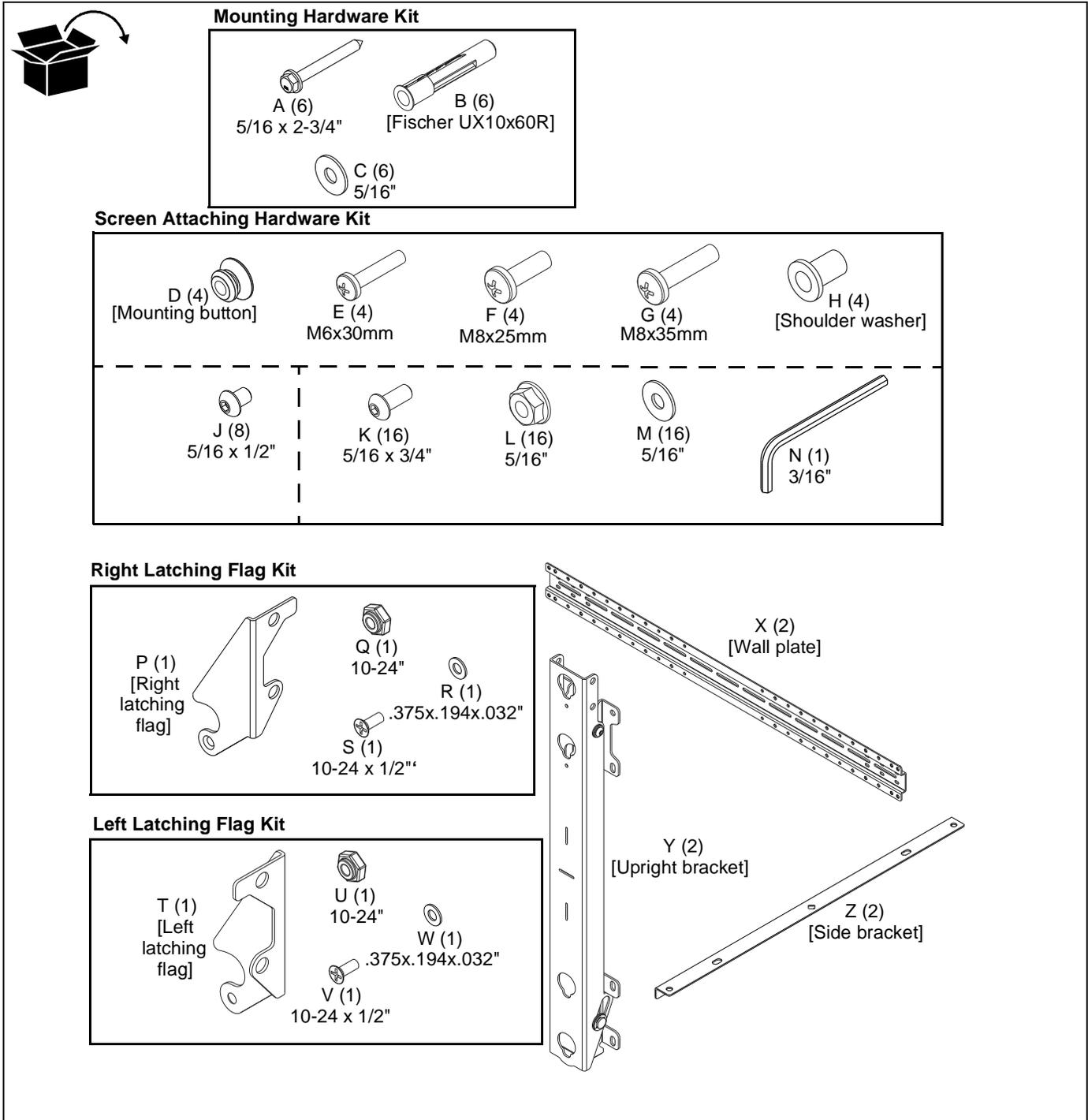
**LEGEND**

	<p><b>Tighten Fastener</b></p> <p>Apretar elemento de fijación</p> <p>Befestigungsteil festziehen</p> <p>Apertar fixador</p> <p>Serrare il fissaggio</p> <p>Bevestiging vastdraaien</p> <p>Serrez les fixations</p>		<p><b>Pencil Mark</b></p> <p>Marcar con lápiz</p> <p>Stiftmarkierung</p> <p>Marcar com lápis</p> <p>Segno a matita</p> <p>Potloodmerkten</p> <p>Marquage au crayon</p>
	<p><b>Loosen Fastener</b></p> <p>Aflojar elemento de fijación</p> <p>Befestigungsteil lösen</p> <p>Desapertar fixador</p> <p>Allentare il fissaggio</p> <p>Bevestiging losdraaien</p> <p>Desserrez les fixations</p>		<p><b>Drill Hole</b></p> <p>Perforar</p> <p>Bohrloch</p> <p>Fazer furo</p> <p>Praticare un foro</p> <p>Gat boren</p> <p>Percez un trou</p>
	<p><b>Phillips Screwdriver</b></p> <p>Destornillador Phillips</p> <p>Kreuzschlitzschraubendreher</p> <p>Chave de fendas Phillips</p> <p>Cacciavite a stella</p> <p>Kruiskopschroevendraaier</p> <p>Tournevis à pointe cruciforme</p>		<p><b>Adjust</b></p> <p>Ajustar</p> <p>Einstellen</p> <p>Ajustar</p> <p>Regolare</p> <p>Afstellen</p> <p>Ajuster</p>
	<p><b>Open-Ended Wrench</b></p> <p>Llave de boca</p> <p>Gabelschlüssel</p> <p>Chave de bocas</p> <p>Chiave a punte aperte</p> <p>Steeksleutel</p> <p>Clé à fourche</p>		<p><b>Remove</b></p> <p>Quitar</p> <p>Entfernen</p> <p>Remover</p> <p>Rimuovere</p> <p>Verwijderen</p> <p>Retirez</p>
	<p><b>By Hand</b></p> <p>A mano</p> <p>Von Hand</p> <p>Com a mão</p> <p>A mano</p> <p>Met de hand</p> <p>À la main</p>		<p><b>Optional</b></p> <p>Opcional</p> <p>Optional</p> <p>Opcional</p> <p>Opzionale</p> <p>Optie</p> <p>En option</p>
	<p><b>Hex-Head Wrench</b></p> <p>Llave de cabeza hexagonal</p> <p>Sechskantschlüssel</p> <p>Chave de cabeça sextavada</p> <p>Chiave esagonale</p> <p>Zeskantsleutel</p> <p>Clé à tête hexagonale</p>		<p><b>Security Wrench</b></p> <p>Llave de seguridad</p> <p>Sicherheitsschlüssel</p> <p>Chave de segurança</p> <p>Chiave di sicurezza</p> <p>Veiligheidsleutel</p> <p>Clé de sécurité</p>

**TOOLS REQUIRED FOR INSTALLATION**



**PARTS**



## ASSEMBLY AND INSTALLATION

### Attaching Latching Flags

**NOTE:** Determine if vertical mounting pattern on screen is 400mm or 600mm.

- **400mm** - Attach latching flag at **lower** mounting hole. (See Figure 1)
  - **600mm** - Attach latching flag at **upper** mounting hole. (See Figure 1)
1. Attach right latching flag (P) to upright bracket (Y) using one 10-24 x 1/2" Phillips undercut screw (S), one .375x.194x.032" spacer (R), and one 10-24 locknut (Q). (See Figure 1)
  2. Attach left latching flag (T) to upright bracket (Y) using one 10-24 x 1/2" Phillips undercut screw (V), one .375x.194x.032" spacer (W), and one 10-24 locknut (U). (See Figure 1)

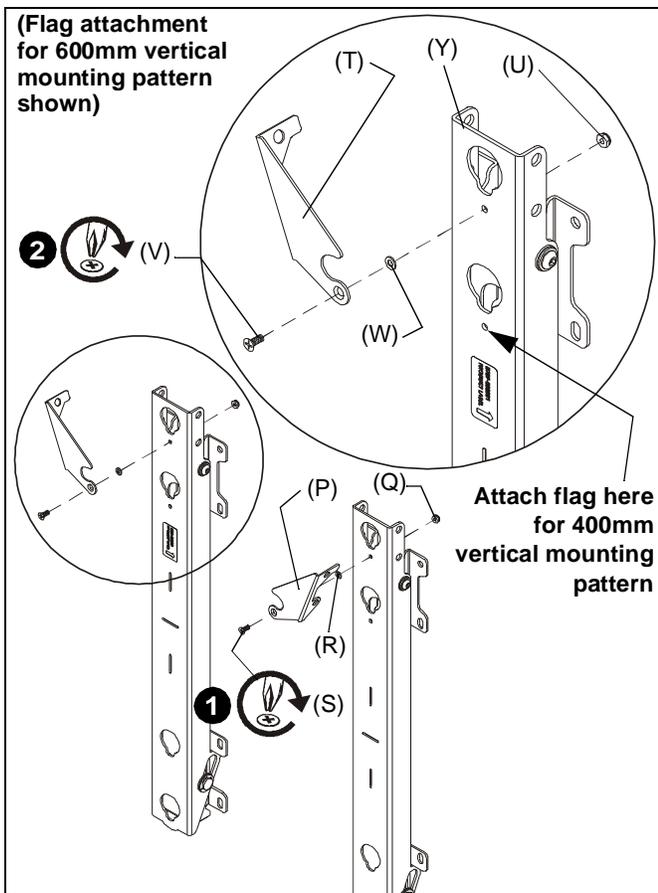


Figure 1

### Attaching Mount to Wall

1. Using the information included in the **Dimensions** drawings, determine where to center and attach the top wall plate of the PSMH2079.

**NOTE:** The wall plate mounting slots allow 3 inches of lateral shift.

2. **Wood stud only:** Make sure that mounting slots in wall plate (X) are placed over studs.
3. Mark three mounting locations through the wall plate mounting slots.

**IMPORTANT ! :** The minimum spacing between outside attachment points is 32 inches (81.3cm). The maximum spacing between outside attachment points is 48 inches (121.9cm).

4. **Wood stud:** Drill three 7/32" x 2-3/4" pilot holes at marked locations. **Concrete:** Drill three 3/8" x 3-1/2" pilot holes at marked locations. (See Figure 2)
5. **Concrete only:** Install an anchor (B) into each pilot hole using a hammer, making sure that the anchor is flush with the wall.
6. Secure upper wall plate (X) to wall using three 5/16 x 2-3/4" hex head lag screws (A) and three 5/16" washers (C). (See Figure 2)

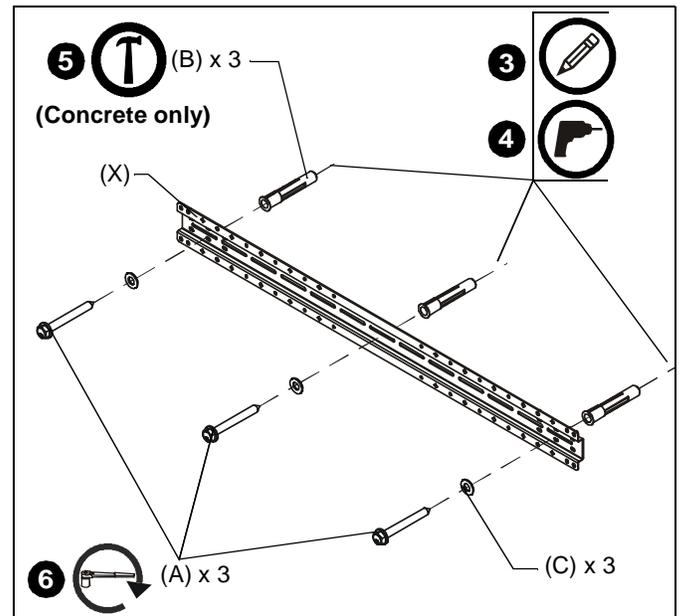


Figure 2

7. Loosely install two side brackets (Z) to upper wall plate (X) using four 5/16 x 1/2" button head cap screws (J). (See Figure 3)

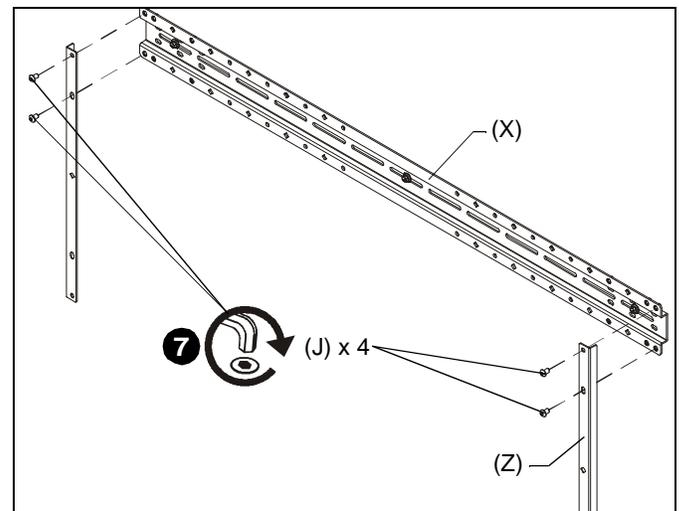


Figure 3

8. Slide wall plate (X) in between wall and lower end of side brackets (Z). (See Figure 4)
9. Loosely install two side brackets (Z) to lower wall plate (X) using four 5/16 x 1/2" button head cap screws (J). (See Figure 4)

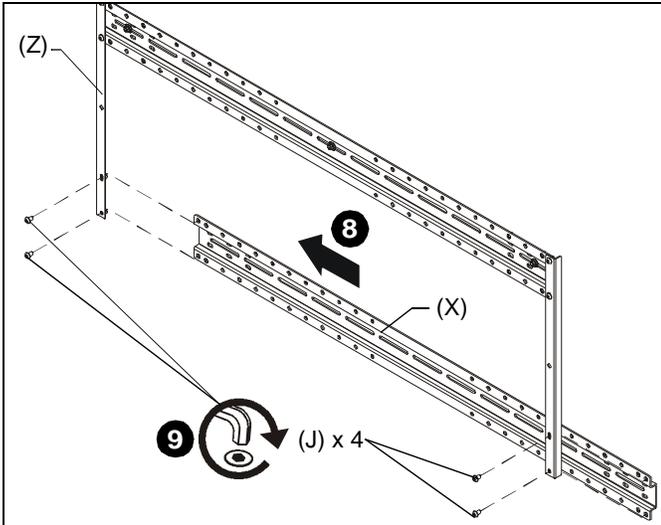


Figure 4

10. Level lower wall plate and tighten eight upper and lower button head cap screws in side brackets installed in Steps 7 and 9.
11. Mark three mounting locations through the lower wall plate mounting slots.
12. **Wood stud:** Drill three 7/32" x 2-3/4" pilot holes at marked locations. **Concrete:** Drill three 3/8" x 3-1/2" pilot holes at marked locations. (See Figure 5)
13. **Concrete only:** Install an anchor (B) into each pilot hole using a hammer, making sure that the anchor is flush with the wall.
14. Secure lower wall plate to wall using three 5/16 x 2-3/4" hex head lag screws (A) and three 5/16" washers (C). (See Figure 5)

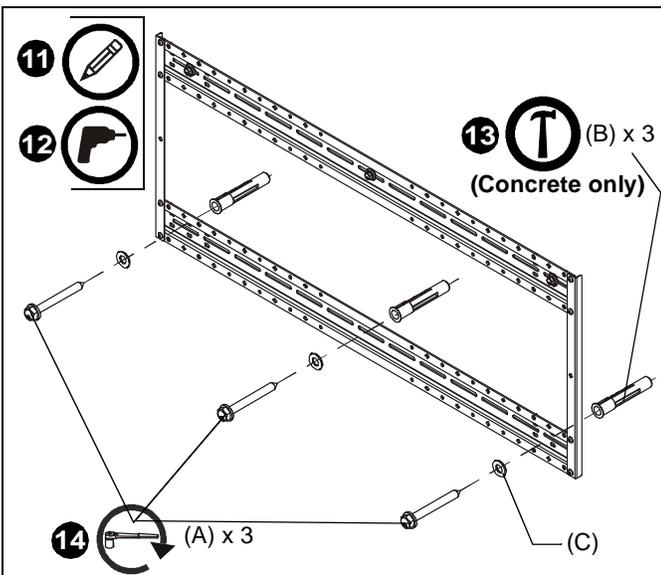


Figure 5

15. Reference **Dimensions** drawings for locating of upright brackets dependent on screen size.

**IMPORTANT !** : Upright brackets must be placed such that screen is centered on wall plate assembly.

16. Attach two upright brackets (Y) to wall plate assembly using eight 5/16 x 3/4" button head screws (K) and 5/16" washers (M) per upright bracket. (See Figure 6)

**IMPORTANT !** : If attaching upright brackets to a screen with a mounting pattern **OTHER THAN** 1200mm wide x 600mm tall, also use the 5/16" lock nut (L) in addition to the button head screws (K) and washers (M).

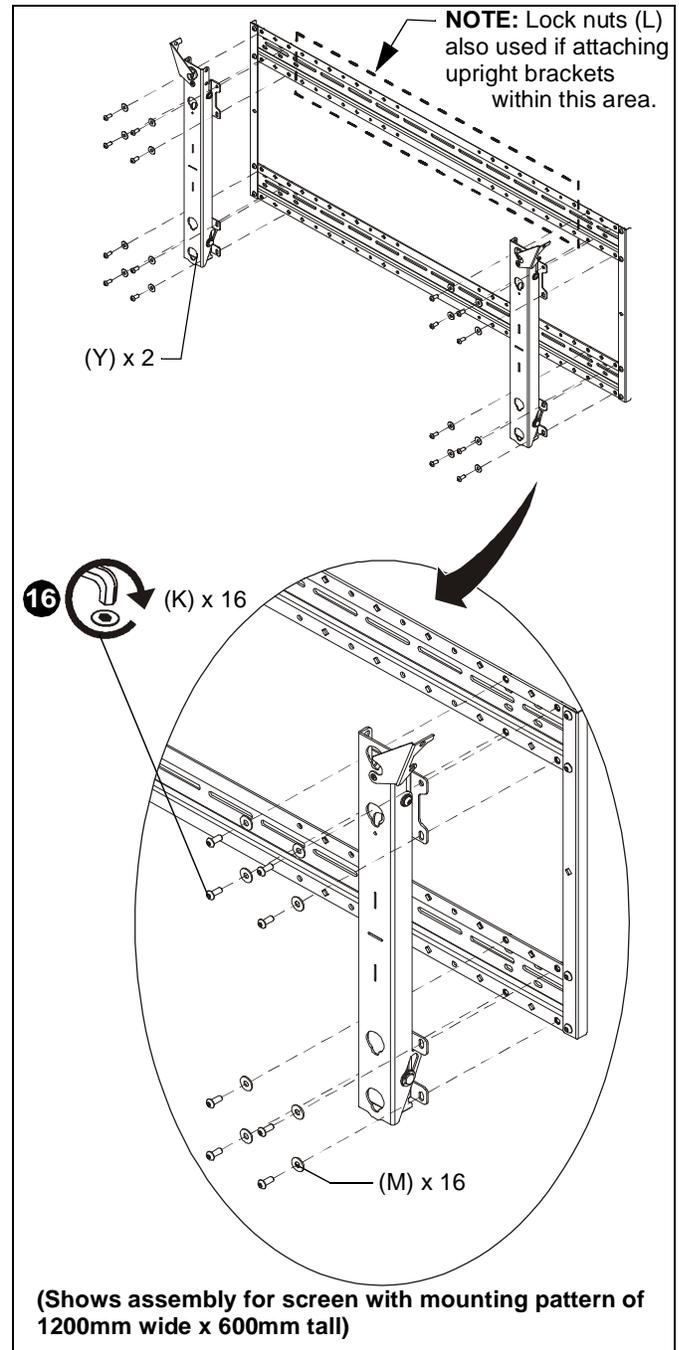


Figure 6

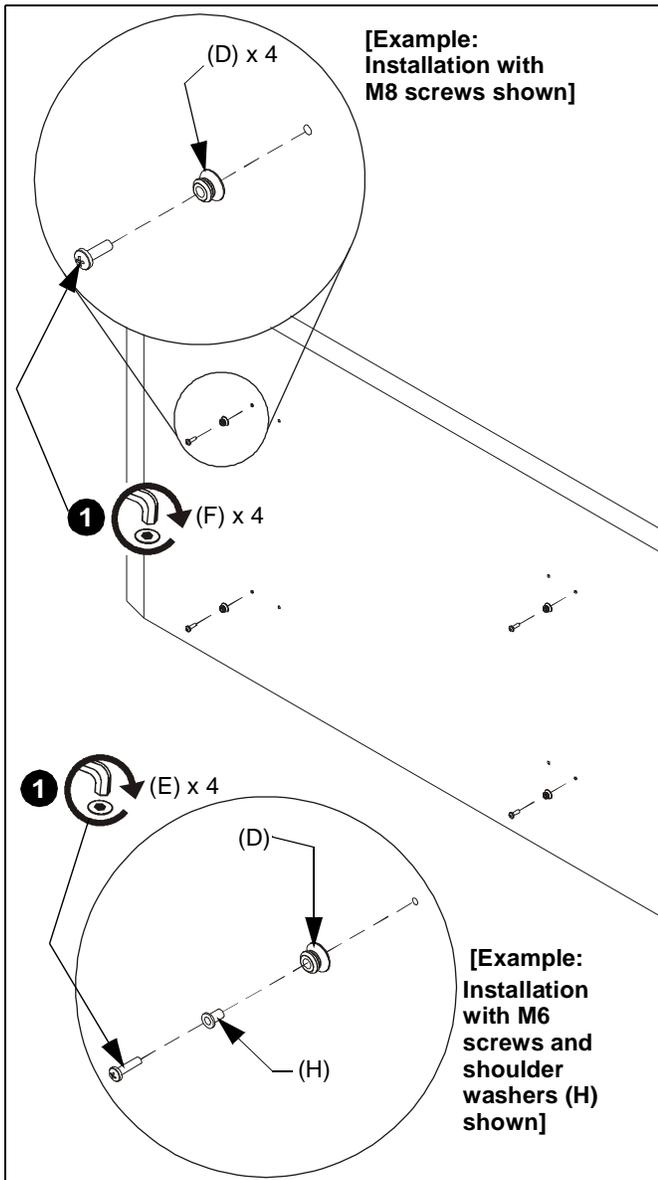
**Adding Screen to Mount**



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO SCREEN FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your screen. Properly sized screws will easily and completely thread into screen mounting holes.

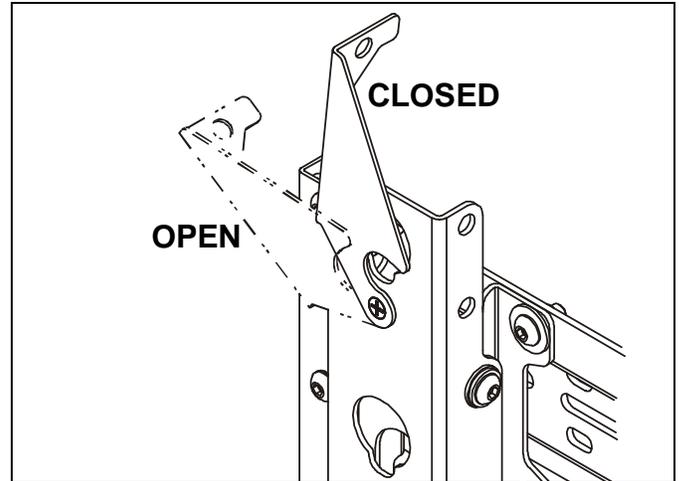
1. Select correct button head screws [M6 x 30mm (E), M8 x 25mm (F) or M8 x 35mm (G)] and attach mounting buttons (D) to back of screen. (See Figure 7)

**IMPORTANT ! :** If using M6 button head screws (E), also use the shoulder washers (H). (See Figure 7)



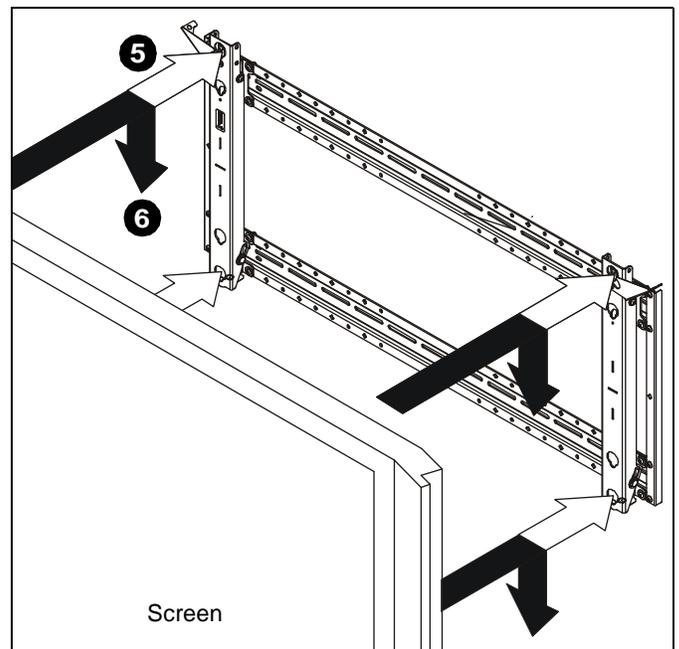
**Figure 7**

2. Move latching flags on mount to the OPEN position. (See Figure 8)



**Figure 8**

3. Lift screen following lifting instructions provided by screen manufacturer.
4. Align mounting buttons on screen with teardrop mounting holes in mount. (See Figure 9)



**Figure 9**

5. Move screen forward until recessed area of mounting buttons is positioned over lower area of teardrop mounting holes. (See Figure 9)
6. Lower screen until recess area of mounting buttons is seated in lower area of teardrop mounting holes. (See Figure 9)
7. Move locking flags to CLOSED position and lock. (See Figure 8)
8. Route wires and cables to screen.







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