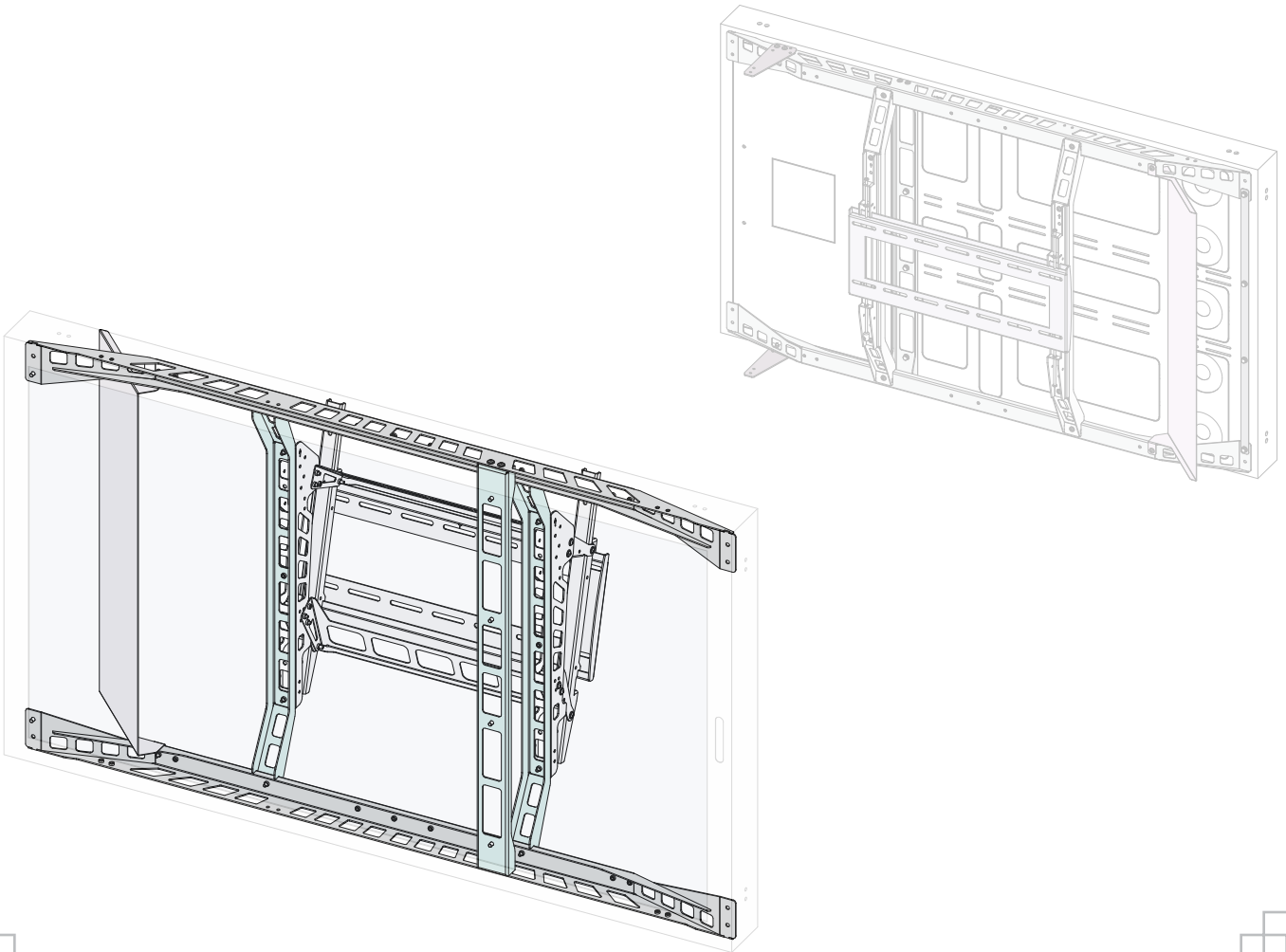


7170-0978

Installation Guide

**Outdoor Wall Mount for Samsung
OH75 in Landscape/Portrait, Flat/Tilt**



INST-1101 REV B



BASIC INFORMATION

Wall mount model	7170-0978-00 (Flat) 7170-0978-01 (Tilt)
Display Model	OH75
Installation Configuration	Landscape Portrait*
Tilt feature	Available by model Fixed at flat, 5 deg, 10 deg , 15 deg
Environment Temperature	Negative 30 Celsius to 50 Celsius, 24/7 operation
Wall application	Solid concrete, Hollow Brick, or 3/4" plywood-backed wall
Product Weight	53.3 lbs [20.6kg] for flat model 72.3 lbs [32.8kg] for tilt model
OA Weight (Mount & Flat-Panel)	366.4 lbs [166.2 kg] (flat) 385.4 lbs [174.8 kg] (Tilt)



***DISCLAIMER:** The mount supports both landscape and portrait orientations. Samsung certification applies all configuration in landscape and only flat portrait installation at 0°. Tilted **portrait** installations at 5°, 10°, or 15° are not certified by Samsung.

INSTALLATION ENVIRONMENT

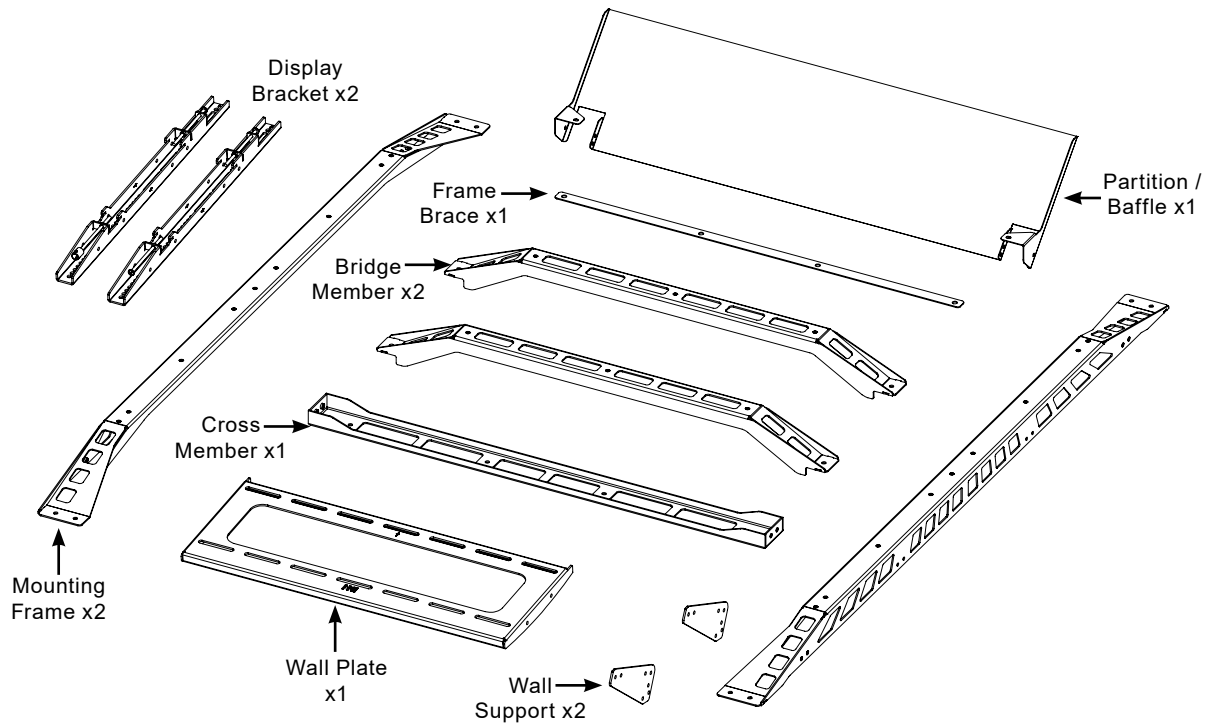
Beach	Must not be placed in areas where seawater is accessible
Wind	Must not be placed in areas with strong winds caused by storms or other natural phenomenon
Snow	Awning or cover is needed to avoid snow piling directly onto inlet
Iron Dust	Suitable, (e.g. train or subway station)

ENCLOSED OR RECESS AREA

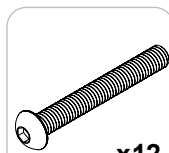
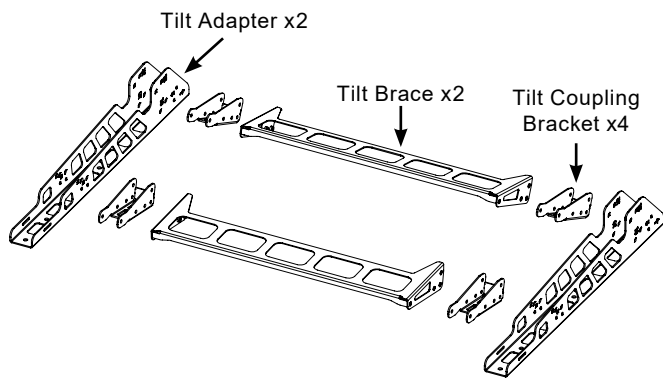
Clearance	200mm (7.88") minimum all around
Additional front glass	Prohibited in any enclosed area



CORE COMPONENTS:



TILT ADAPTER (OPTION):

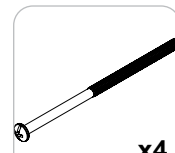


1/4-20" x 2-1/2"
Button Head



1/4" Flat Washer

HARDWARE:



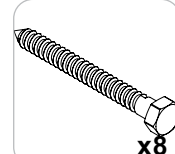
1/4-20 x 5" Pan
Head



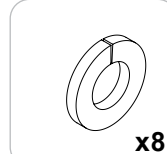
1/4-20" x 3/4"
Button Head



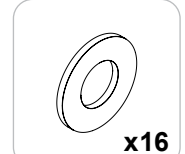
1/4" Flat Washer



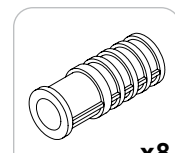
5/16" x 3" Hex
Lag



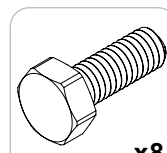
5/16" Split Lock
Washer



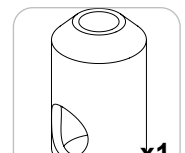
5/16" Flat
Washer



Shell Expansion
Anchor



M8 x 16mm Hex
Bolt



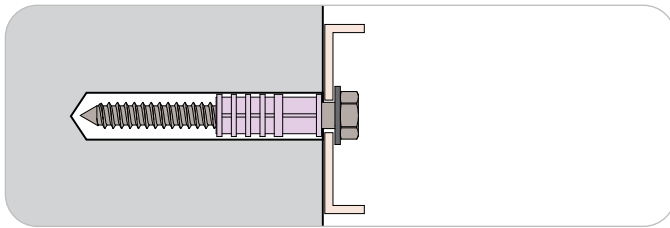
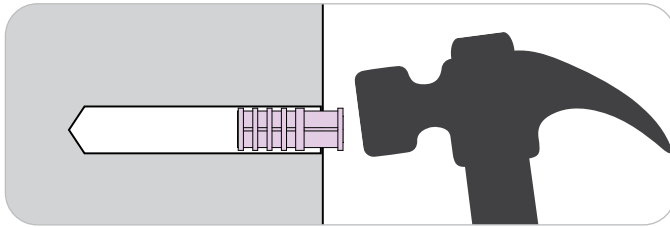
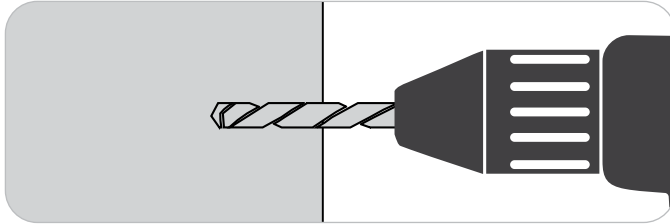
Lock-it
Security Barrel





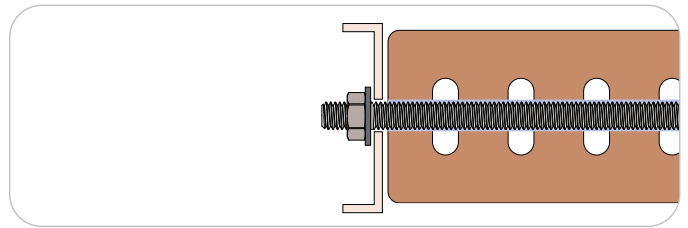
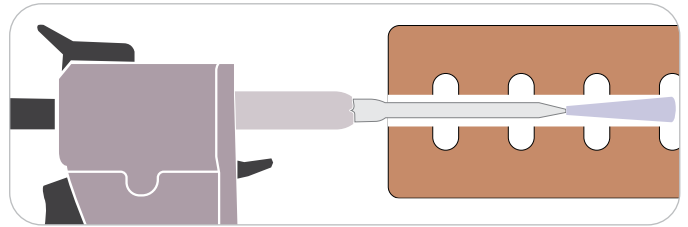
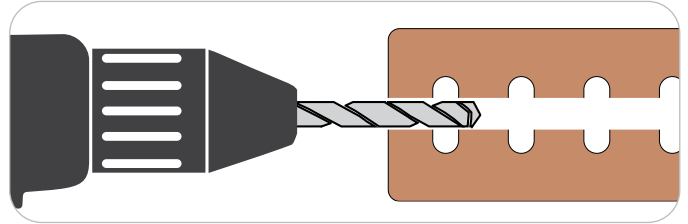
Solid Concrete/Brick

Use proper mounting guideline per state code.



Brick (Alternative)

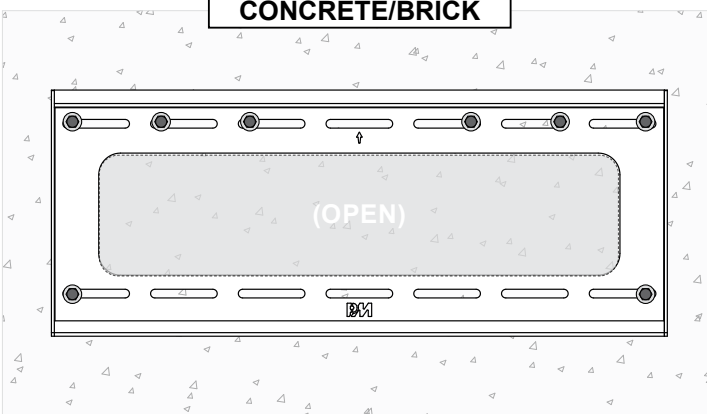
All hardware, threaded rod, epoxy, and other mounting hardware are not supplied. Shown for reference only.



Use diagram shown in next page for positioning the wall plate.

1a

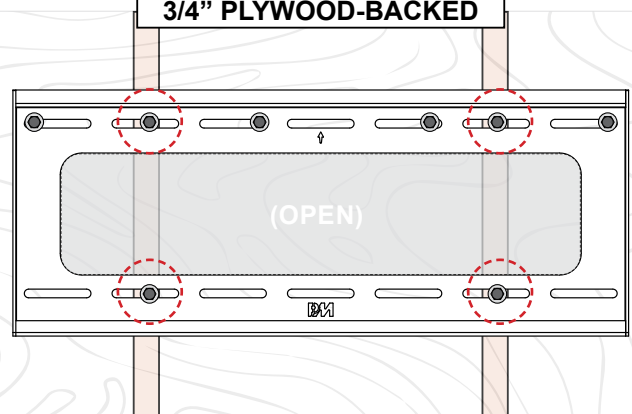
CONCRETE/BRICK



Requires a minimum of 6 mounting screws on upper slots and 2 on bottom slots. Shell expansion anchors are suitable for both concrete and brick.

1b

3/4" PLYWOOD-BACKED

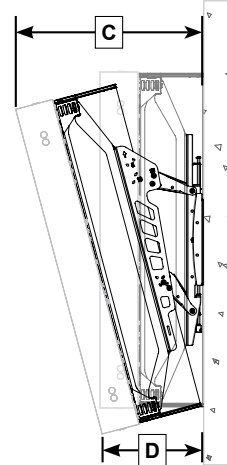
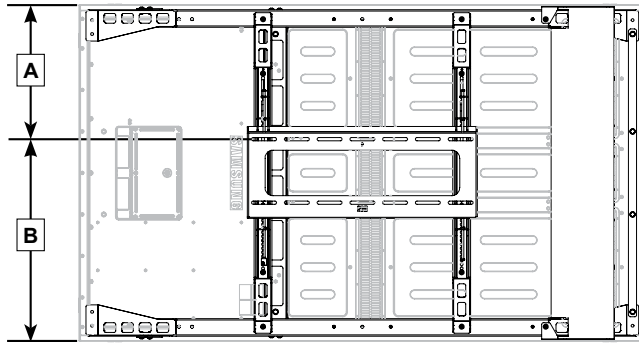


Requires at least 6 mounting screws into wood stud and 4 mounting screws on the upper slots. Shell expansion anchors are not used for this application.



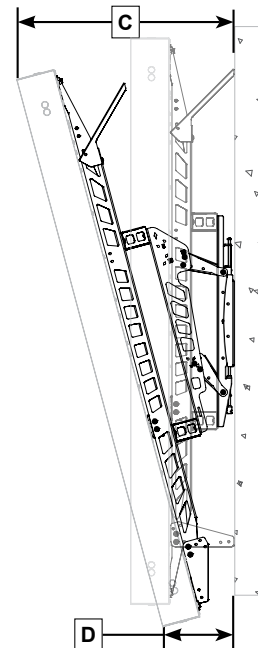
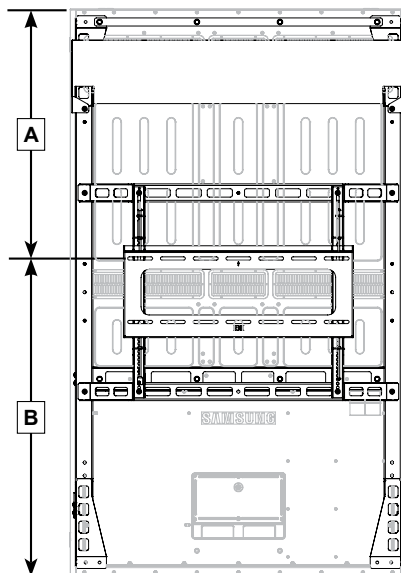
LANDSCAPE

Letter	0 °	5 °	10 °	15 °
A	16.6 [421]	15.8 [401]	14.6 [371]	13.2 [334]
B	24.9 [633]	25.9 [659]	27.0 [687]	28.1 [714]
C	12.7 [323]	16.3 [414]	19.8 [503]	23.2 [589]
D	12.7 [323]	12.7 [323]	12.6 [320]	12.5 [318]



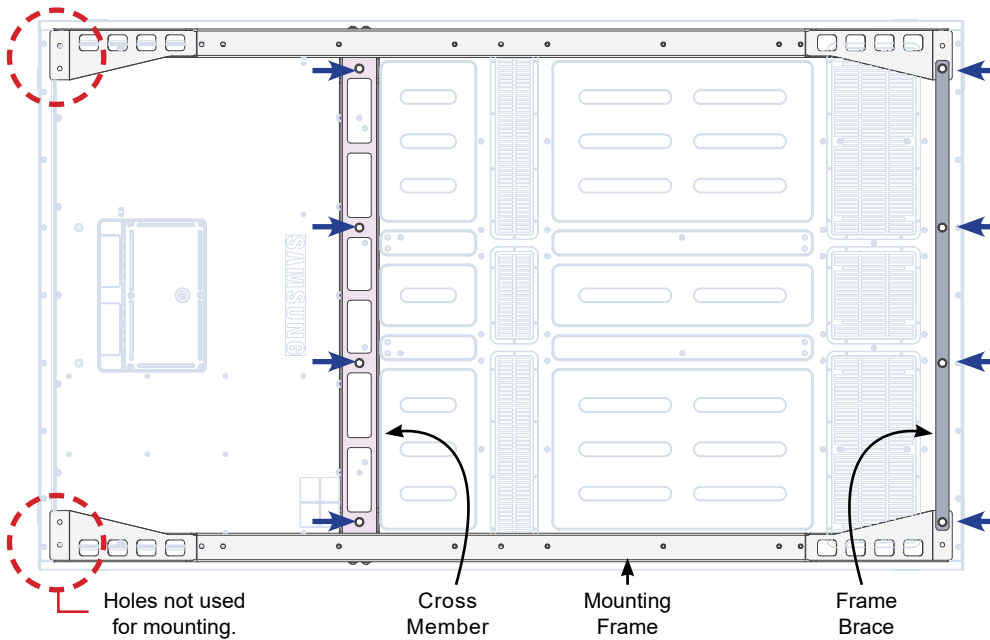
PORTRAIT

Letter	0 °	5 °	10 °	15 °
A	30.8 [782]	29.9 [760]	28.6 [726]	26.9 [683]
B	39.1 [993]	40.1 [1018]	41.0 [1041]	41.9 [1063]
C	12.7 [323]	17.5 [445]	22.3 [566]	26.8 [681]
D	12.7 [323]	11.5 [291]	10.2 [258]	8.8 [224]



DISCLAIMER: The mount supports both landscape and portrait orientations. Samsung certification applies only to a flat portrait installation at 0°. Tilted installations at 5°, 10°, or 15° are not certified by Samsung.

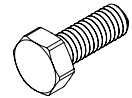
2



Torque:

12 to 15 kgf/cm
67 to 84 lbf/in

8 Places



M8 x 16mm
Hex Bolt



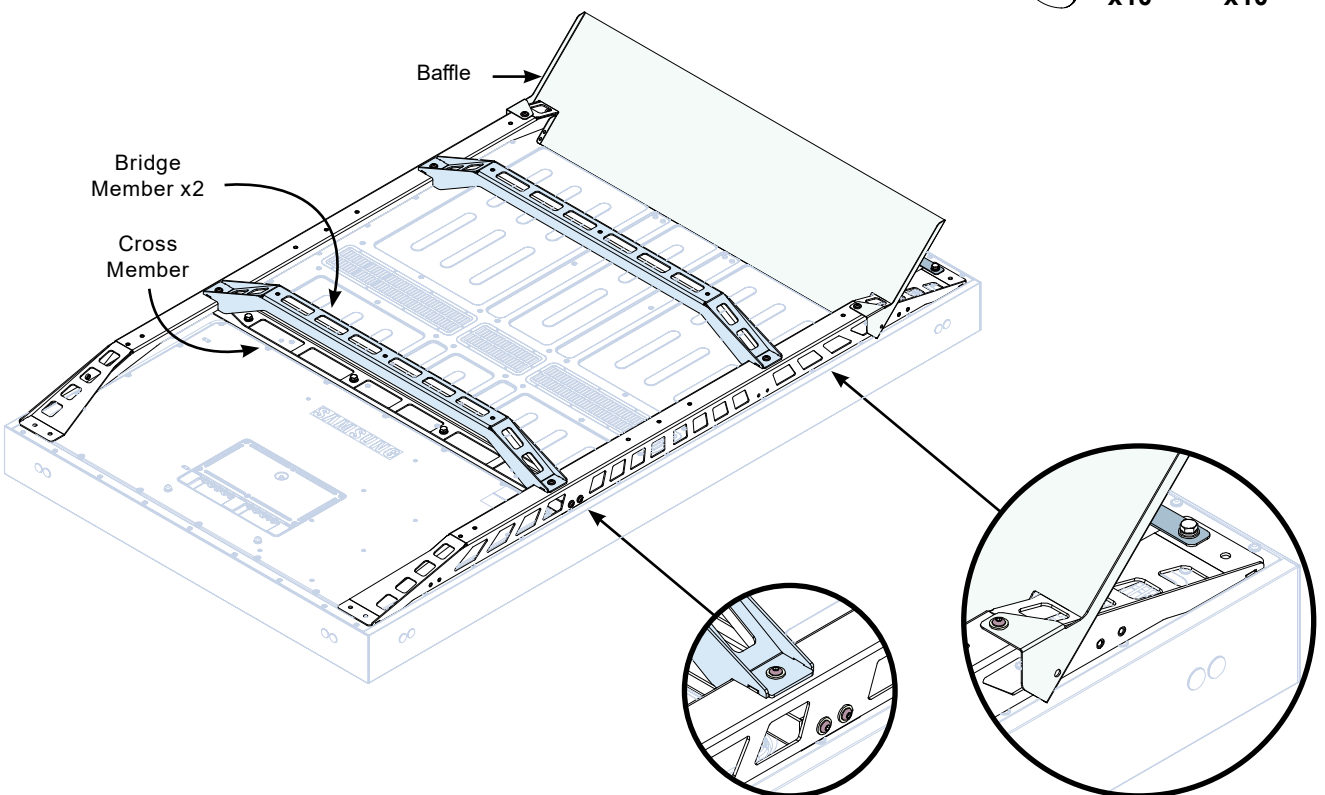
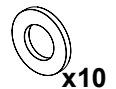
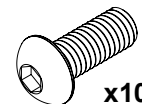
5/16" Split
Lock Washer



5/16" Flat
Washer

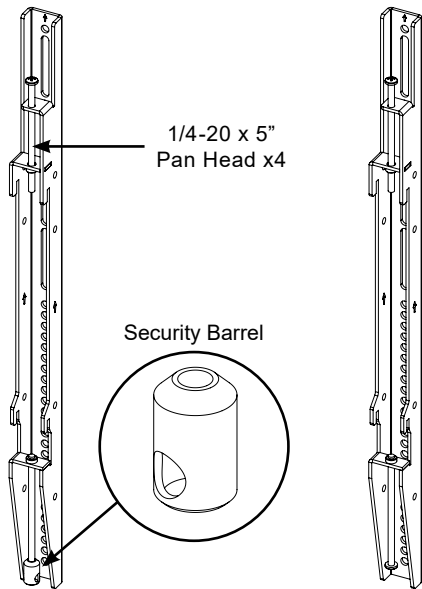
3

Install the Cross Member connecting the two Mounting Frame together using 1/2-20 screws and washers. Then install the two Bridge Member right above the Mounting Frame and Baffle.



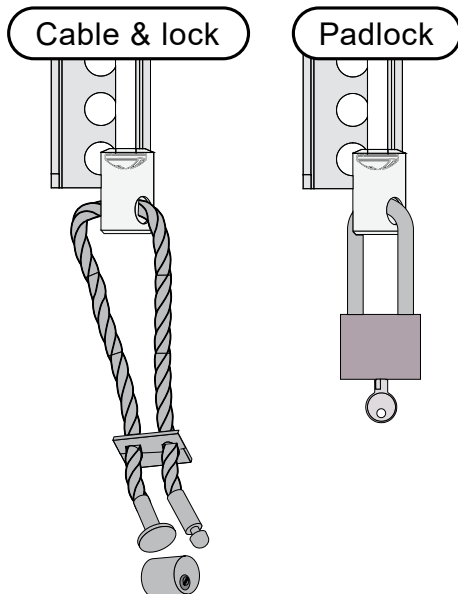
FLAT BRACKETS

4a



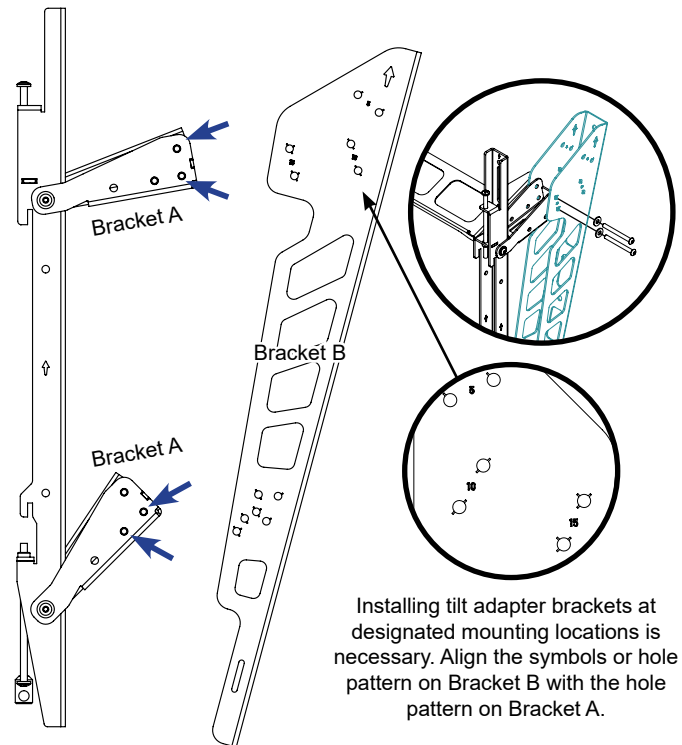
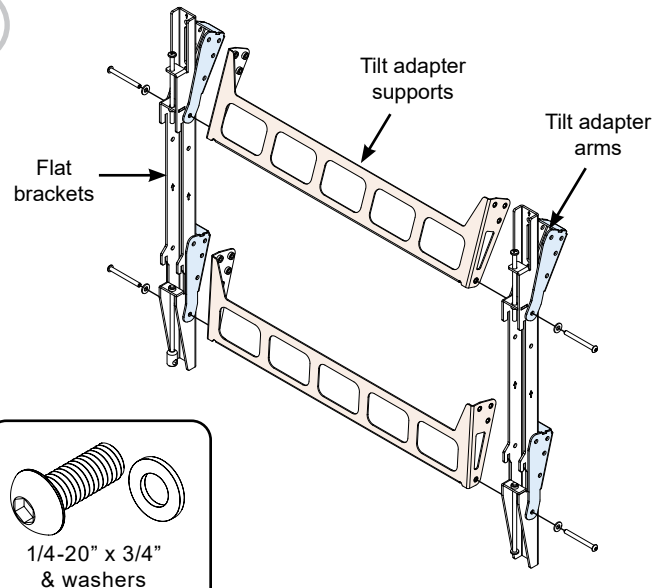
SECURITY OPTION

Place a lock through the security barrel to block access to the locking screws, preventing the mount from being tampered with or disengaged.



TILT BRACKETS

4b

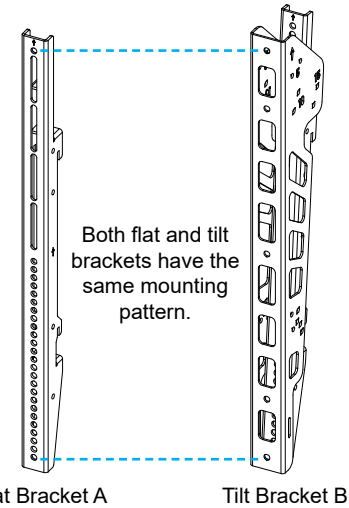
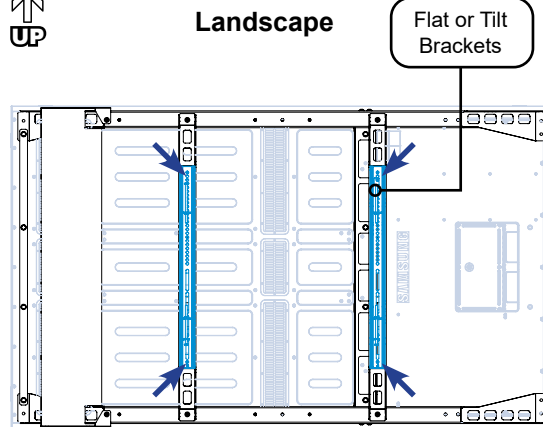
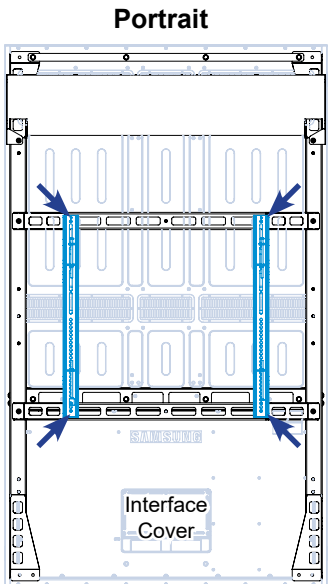
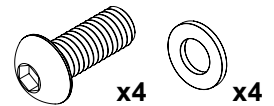


Installing tilt adapter brackets at designated mounting locations is necessary. Align the symbols or hole pattern on Bracket B with the hole pattern on Bracket A.

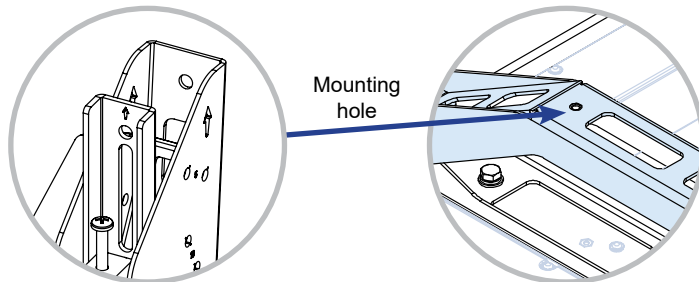
Degree(s)	Symbols
0°	N/A
5°	1 notch
10°	2 notches
15°	3 notches

5

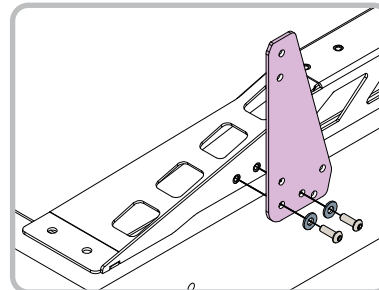
Install flat or tilt brackets (Bracket B only, see next page for detail) directly to the mounting bar. The brackets must face the same direction (as indicated by the up arrow) as the display panel. Shown using flat brackets for visual clarity.



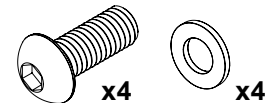
DETAILED VIEW



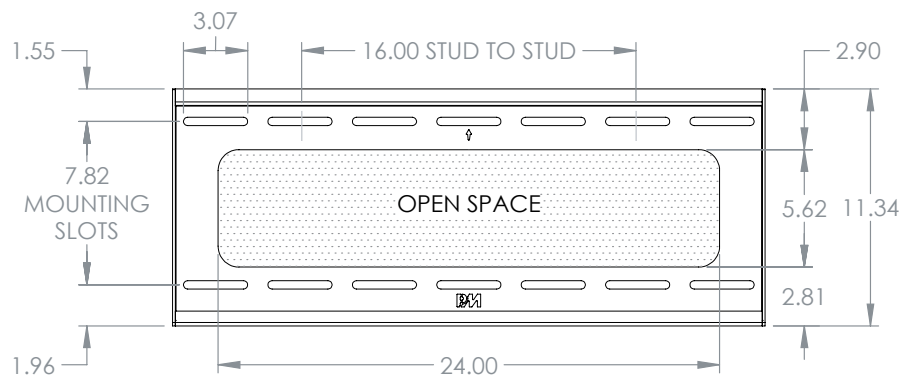
WALL SUPPORT BRACKETS



Install the wall support brackets in the positions closest to the wall, or as shown.

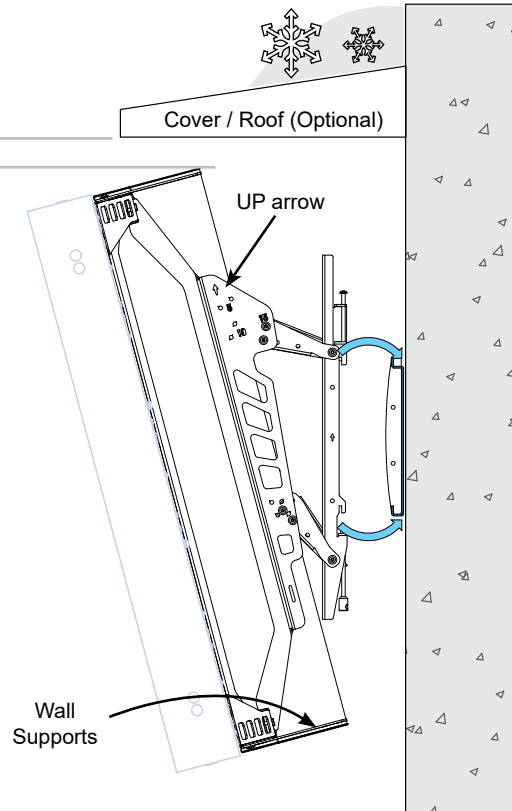
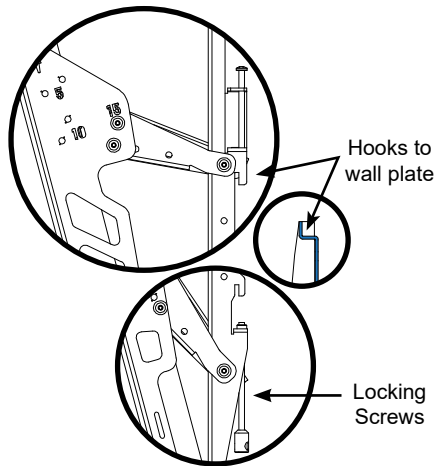


WALL PLATE DIMENSIONS



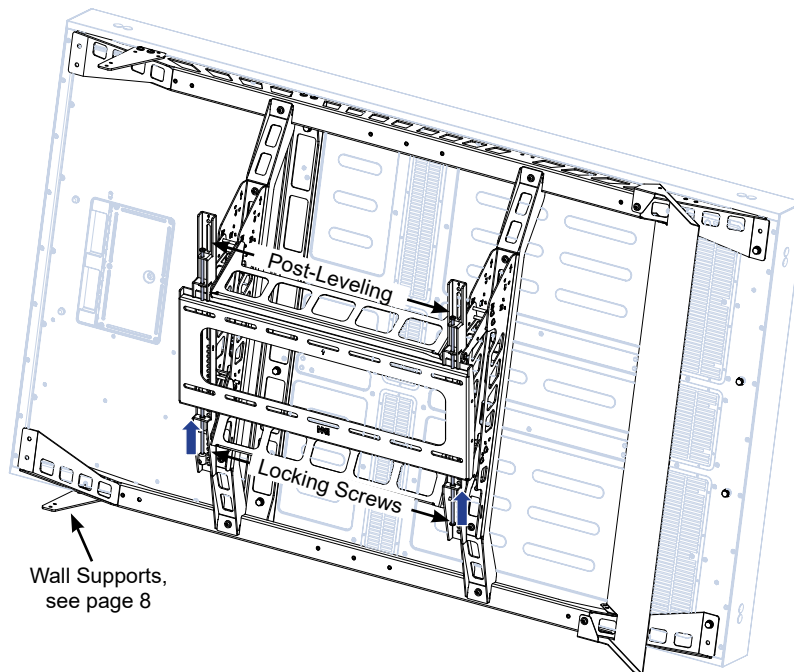
6b

200mm minimum gap for ventilation all around.

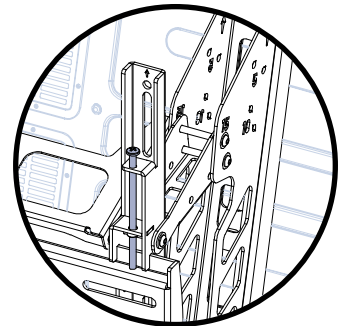


Shown: Landscape at 15 deg tilt

7

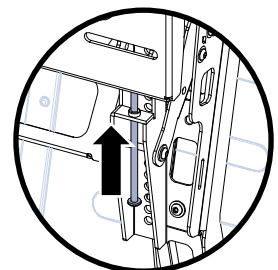


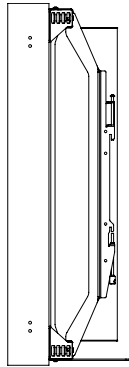
POST-LEVEL ADJUSTMENT



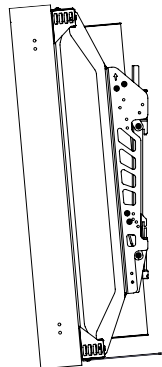
LOCKING SCREWS

Fully tighten the locking screws to secure after mounting the display brackets

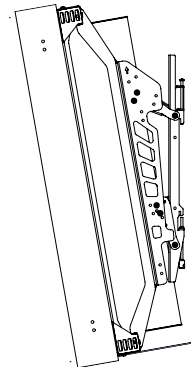




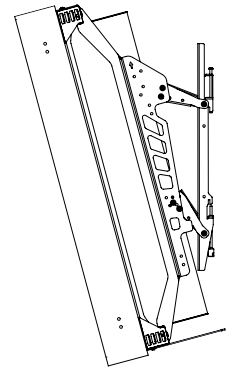
Flat



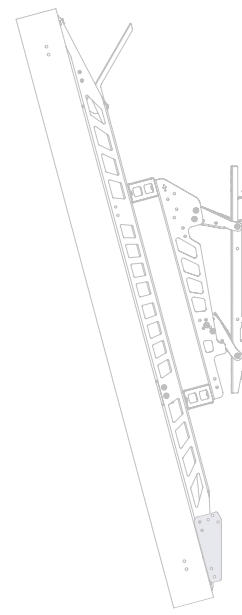
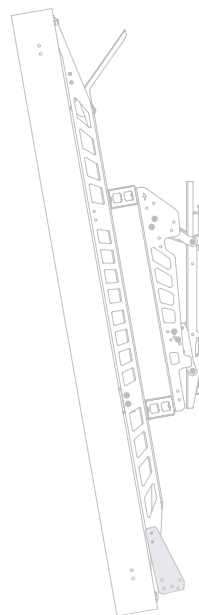
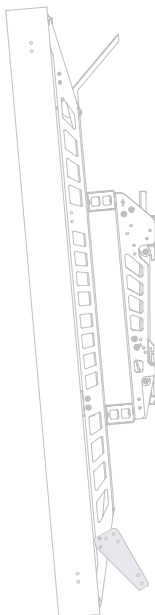
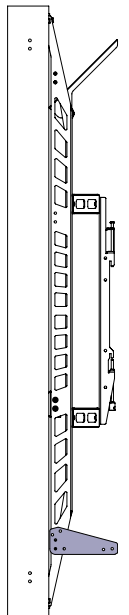
5 Deg



10 Deg



15 Deg



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