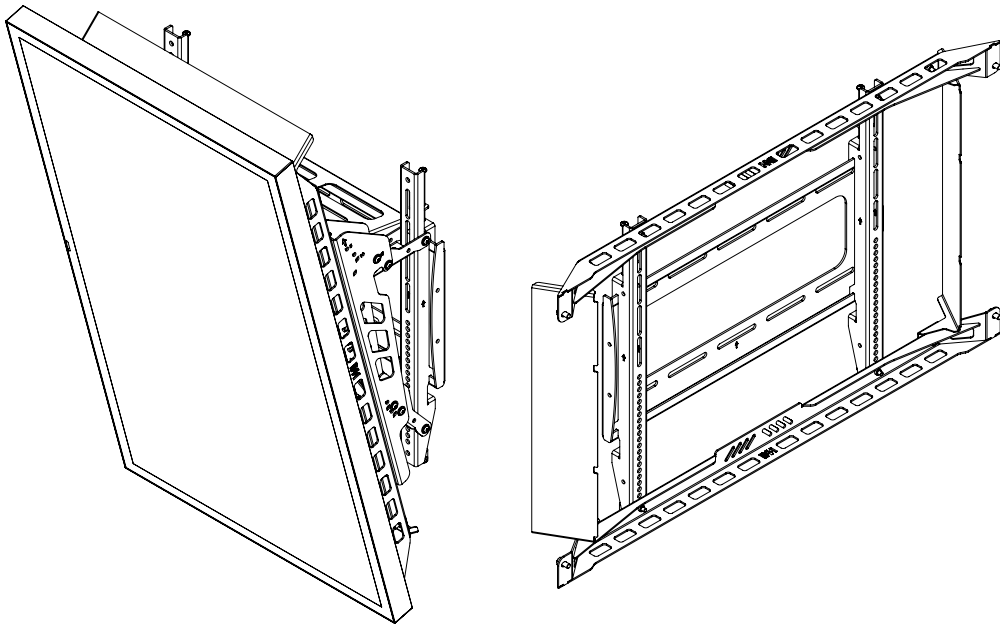


7170-1101

Installation Guide

Outdoor Flat/Tilt Wall Mount For Samsung OH46



INST-1228 REV A



BASIC INFORMATION

Wall mount model	7170-1101-00 (flat) 7170-1101-01 (Tilt)
Display Model	Samsung OH46
Installation Configuration	Landscape Portrait
Tilt feature	Available by model Manual Tilt at 0 deg (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

INSTALLATION ENVIRONMENT

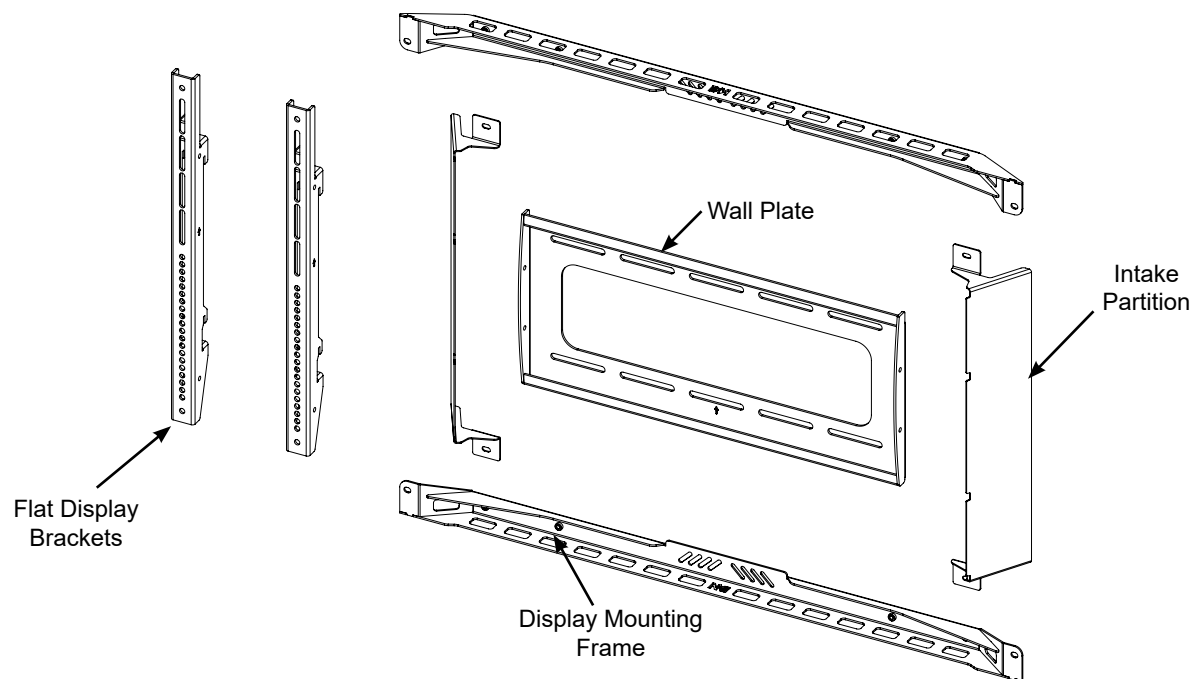
Coastal	Must not be placed in areas where seawater is accessible
Wind	Must not be placed in areas with strong winds caused by storms or other natural phenomenon
Snow	Awning or cover is needed to avoid snow piling directly onto inlet
Iron Dust	Suitable, (e.g. train or subway station)

ENCLOSED OR RECESS AREA

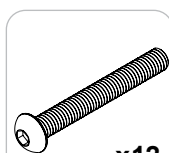
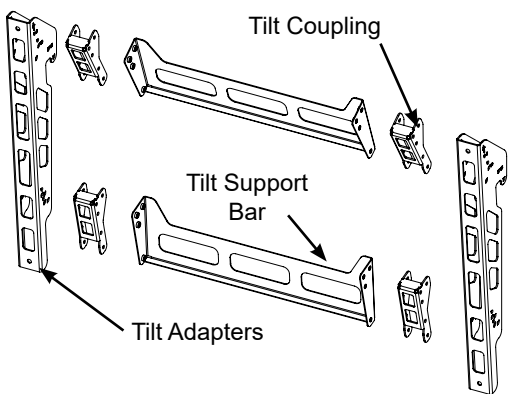
Clearance	50mm (1.97") minimum all around
Additional front glass	Prohibited in any enclosed area



CORE COMPONENTS:



TILT ADAPTER (OPTION):

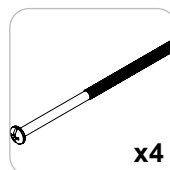


1/4-20" x 2-1/2"
Button Head

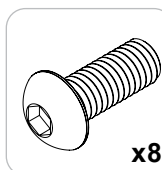


1/4" Flat Washer

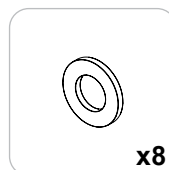
HARDWARE:



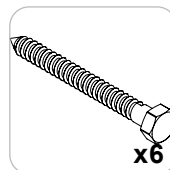
1/4-20 x 5" Pan
Head



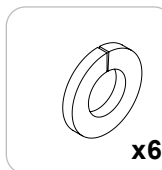
1/4-20" x 3/4"
Button Head



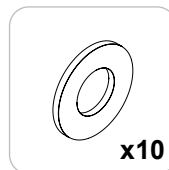
1/4" Flat Washer



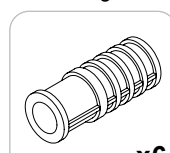
5/16" x 3" Hex
Lag



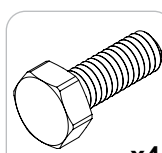
5/16" Split Lock
Washer



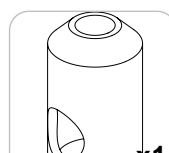
5/16" Flat
Washer



Shell Expansion
Anchor



M8 x 16mm Hex
Bolt



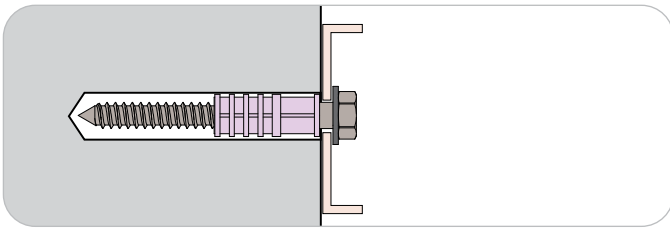
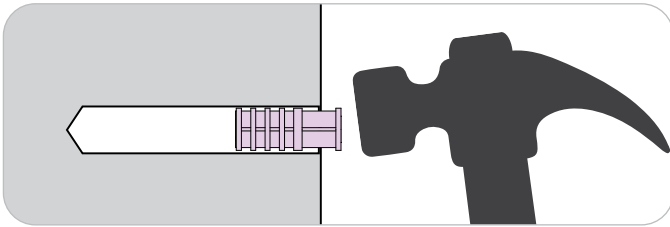
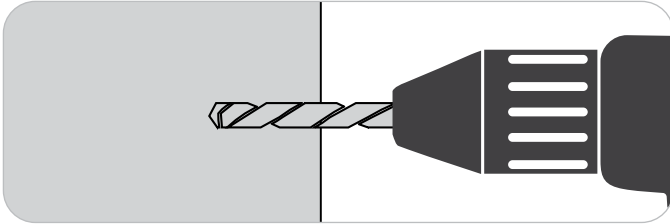
Lock-it
Security Barrel





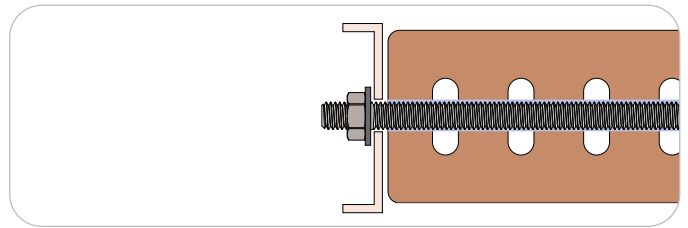
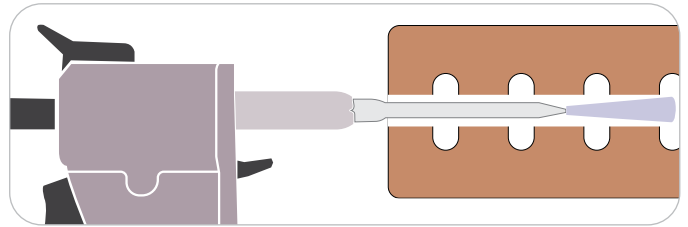
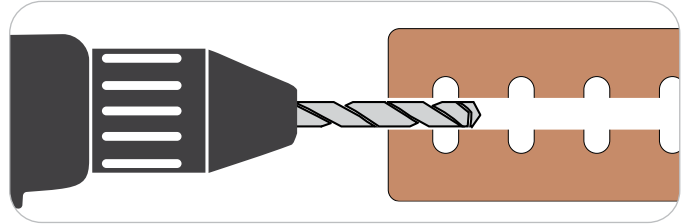
Solid Concrete/Brick

Use proper mounting guideline per state code.



Brick (Alternative)

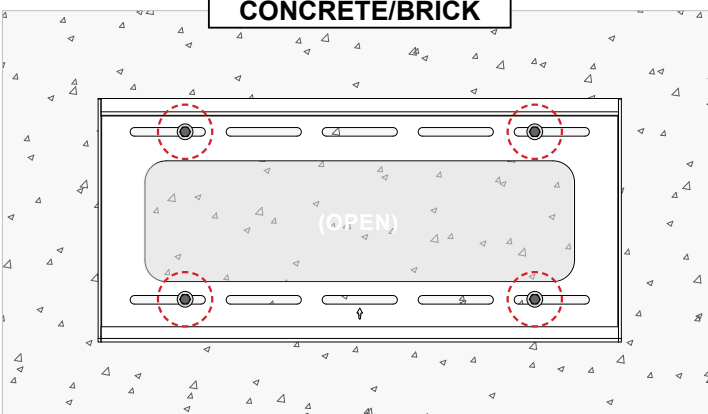
All hardware, threaded rod, epoxy, and other mounting hardware are not supplied. Shown for reference only.



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

1a

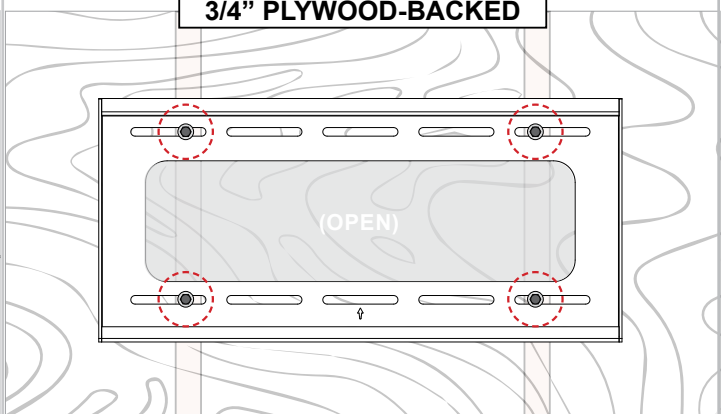
CONCRETE/BRICK



Requires a minimum of 4 mounting screws. Shell expansion anchors are suitable for both concrete and brick.

1b

3/4" PLYWOOD-BACKED

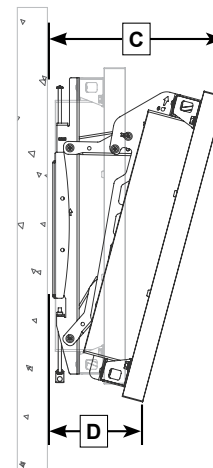
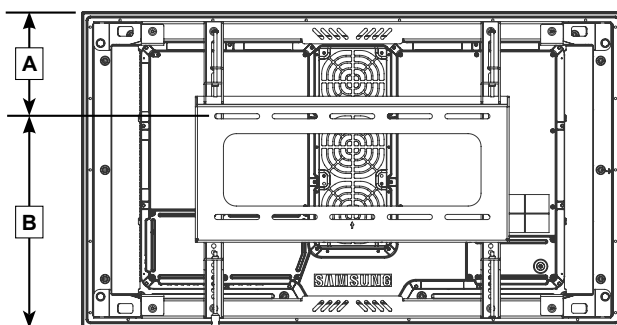


Requires at least 4 mounting screws into wood studs. Shell expansion anchors are not used for this application.



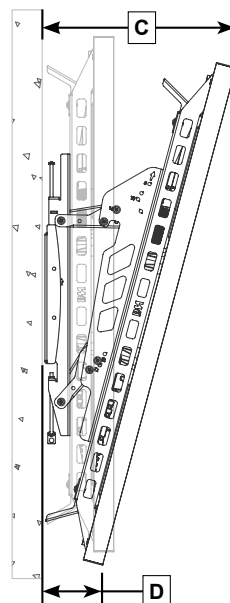
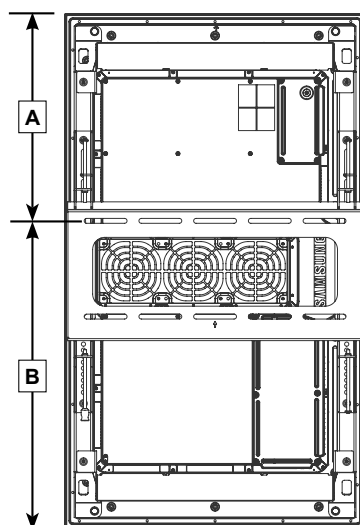
LANDSCAPE

Letter	0 °	5 °	10 °	15 °
A	8.11 [206]	7.70 [196]	7.26 [184]	6.30 [160]
B	16.44 [417.8]	16.90 [429.2]	17.19 [436.8]	17.83 [452.9]
C	5.67 [144.1]	8.23 [209]	10.84 [275]	13.37 [340]
D	5.67 [144.1]	6.09 [155]	6.58 [167]	7.02 [178]



PORTRAIT

Letter	0 °	5 °	10 °	15 °
A	16.93 [430]	16.49 [419]	15.94 [405]	14.84 [376]
B	25.16 [639.0]	25.58 [649.8]	25.78 [654.8]	26.25 [666.8]
C	5.67 [144.1]	8.99 [228]	12.37 [314]	15.65 [398]
D	5.67 [144.1]	5.33 [135]	5.07 [129]	4.77 [121]

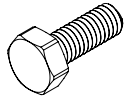


1

Torque:

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

4 Places



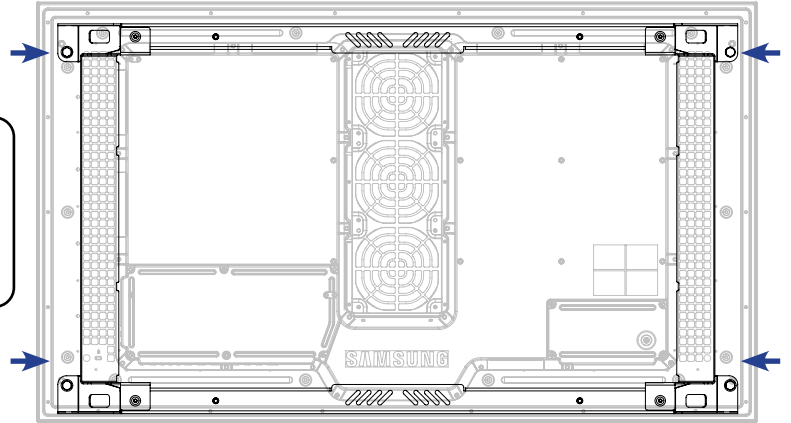
M8 x 16mm
Hex Bolt



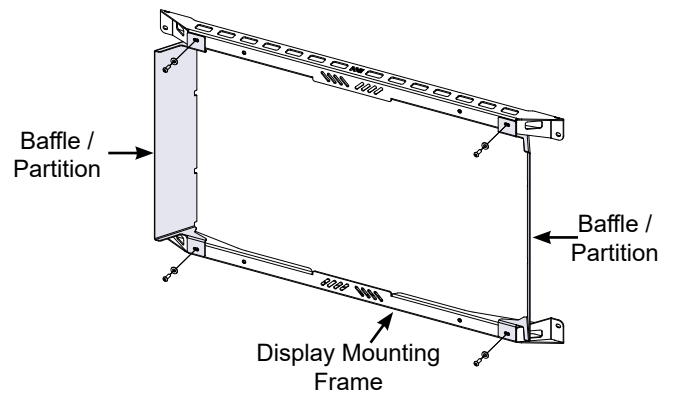
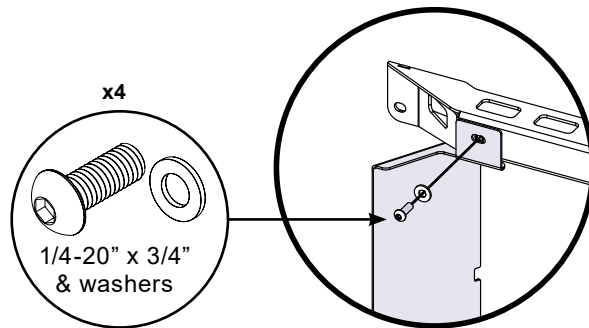
5/16" Split
Lock Washer



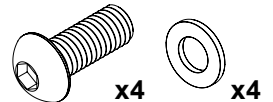
5/16" Flat
Washer



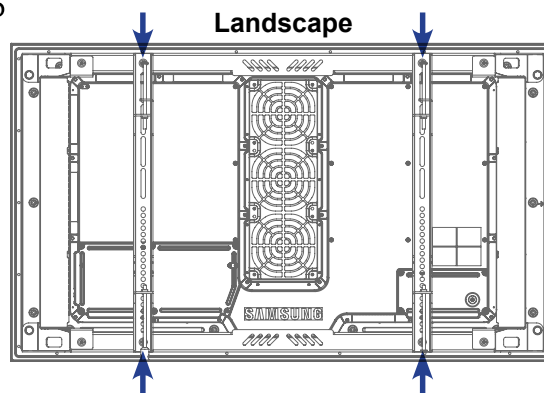
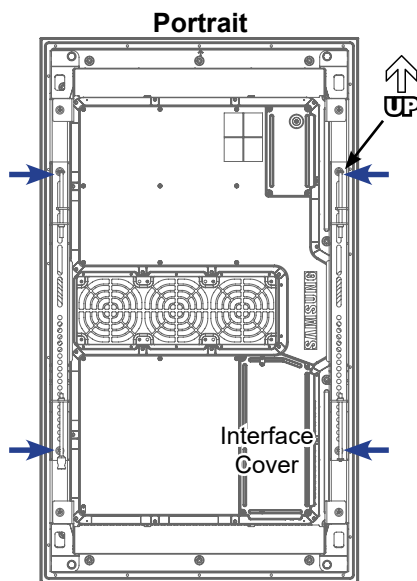
2



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

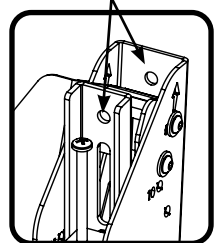


3



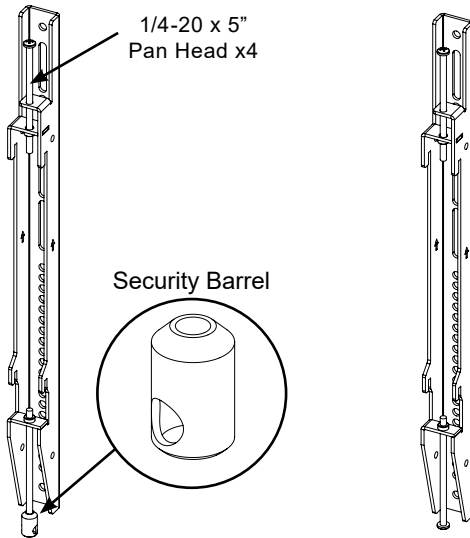
Tilt Bracket B

Both flat and tilt brackets have the same mounting pattern.



FLAT BRACKETS

4a

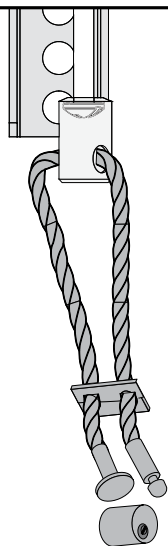


Security Barrel

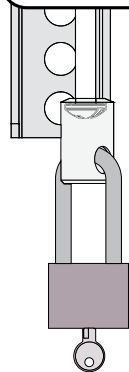
SECURITY OPTION

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

Cable & lock

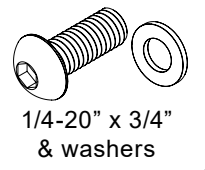
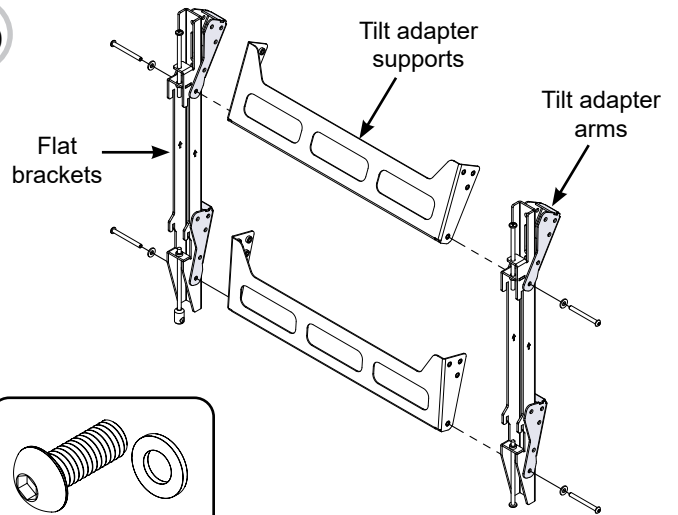


Padlock

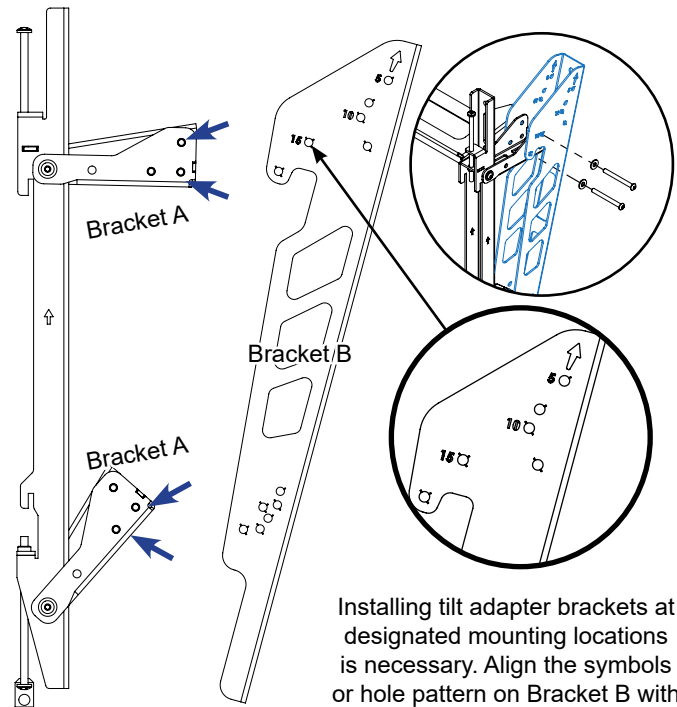


TILT BRACKETS

4b



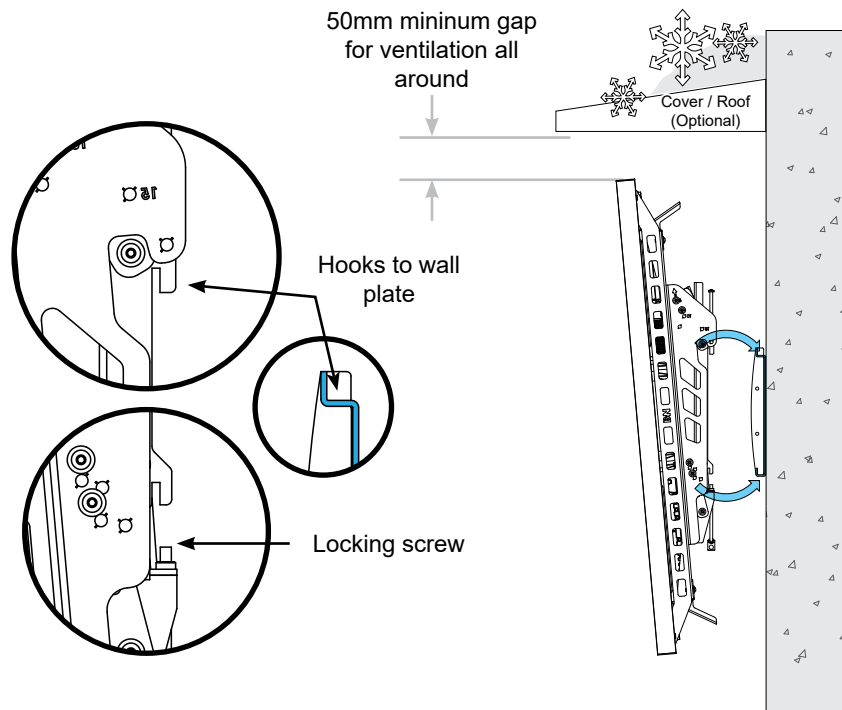
1/4-20" x 3/4"
& washers



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.

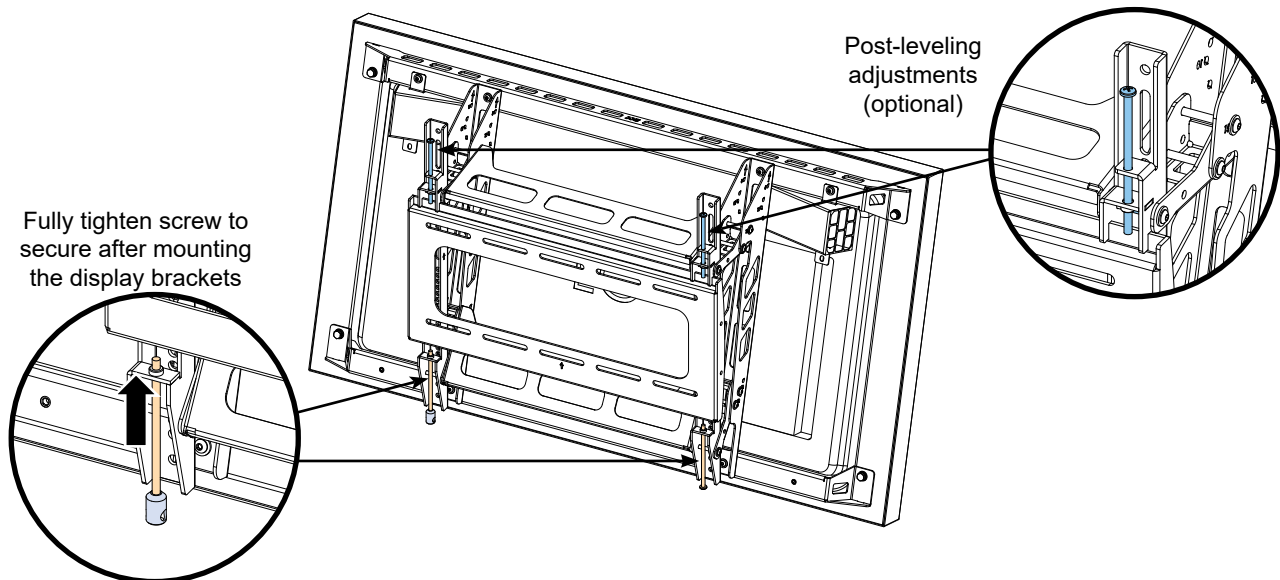
Degree(s)	Symbols
0°	N/A
5°	1 notch
10°	2 notches
15°	3 notches

5



Shown: Portrait at 5 deg tilt

6



Shown: Landscape at 15 deg tilt