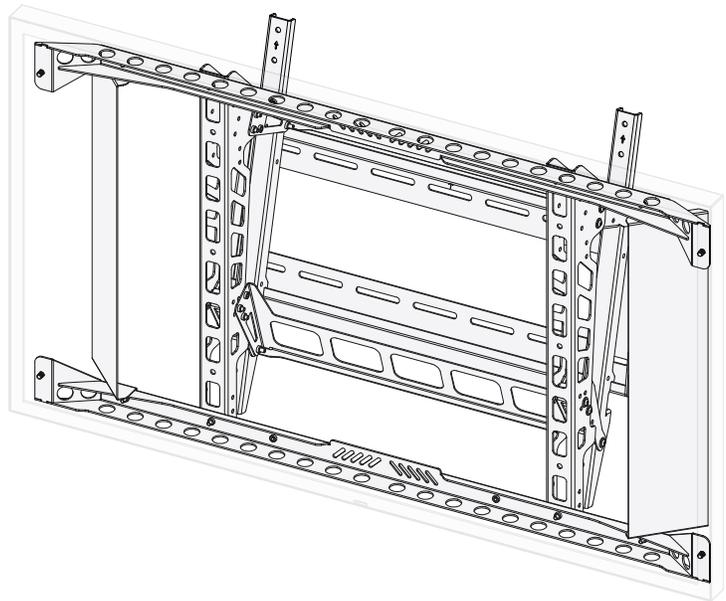
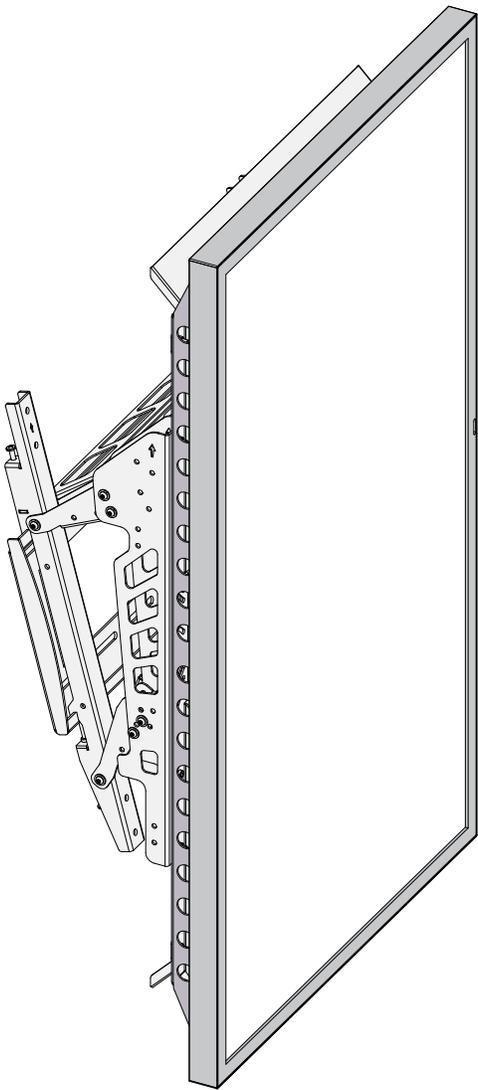


7170-0977 Series
Installation Guide

Outdoor Flat/Tilt Wall Mount
For Samsung OH55





7170-0977 Series

Installation Guide

BASIC INFORMATION

Wall mount model	7170-0977-00 (flat) 7170-0977-01 (Tilt)
Display Model	OH55
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	31.5 lbs [14.4 kg] for flat model 45.5 lbs [20.6 kg] for tilt model
OA Weight (Mount & Flat-Panel)	147.5 lbs [66.9 kg] (flat) 161.5 lbs [73.26 kg] (Tilt)
OA Width x Depth x Height (Portrait)	28.8" x (5.55" flat to 17.33" tilt) x 50.87"
OA Width x Depth x Height (Landscape)	49.63" x (5.55" flat to 14.62" tilt) x 30.38"

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)

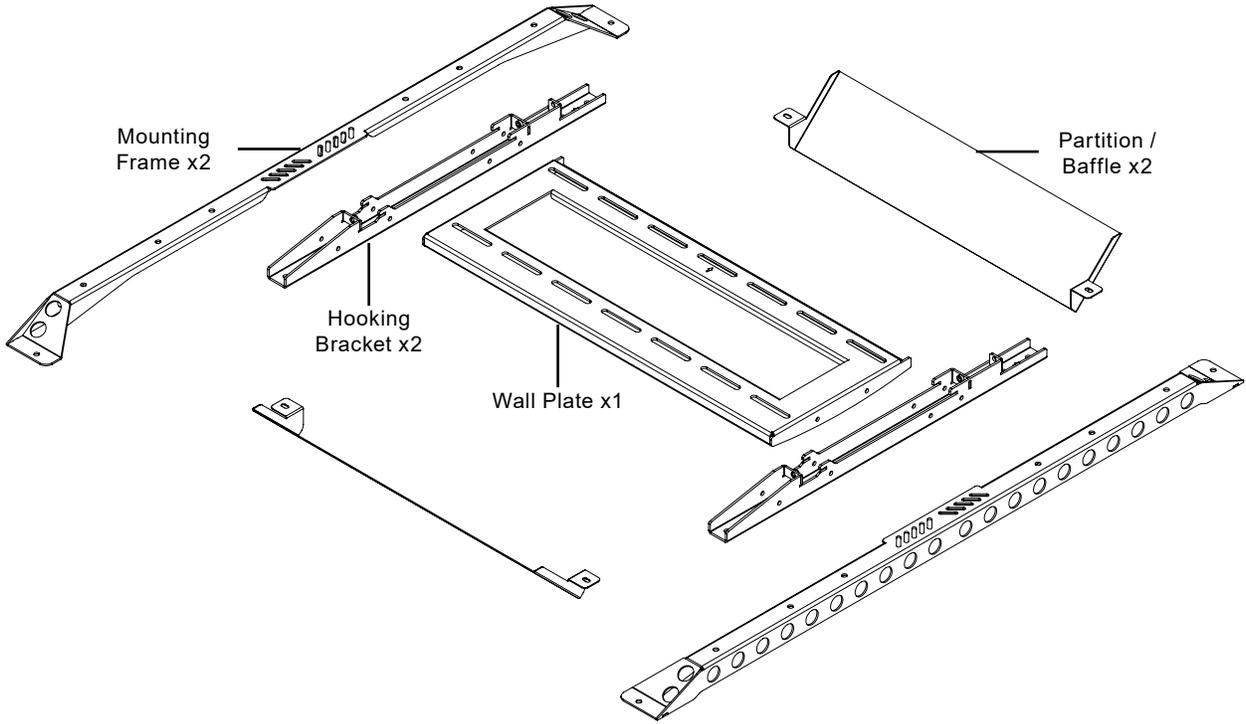
ENCLOSED OR RECESS AREA

Clearance	52mm (2.05") minimum all around
Additional front glass	Prohibited in any enclosed area

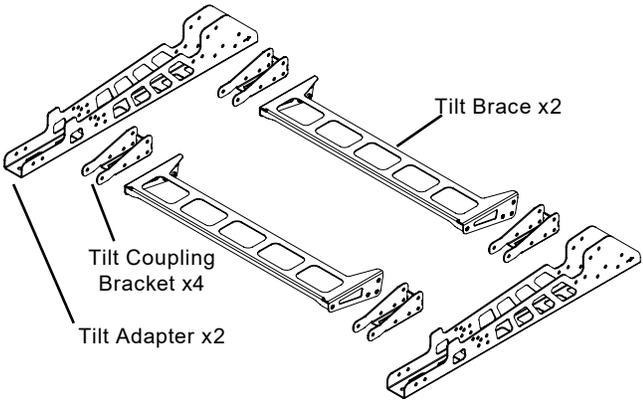




CORE COMPONENTS:



TILT ADAPTER (OPTION):



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



1/4" Flat Washer

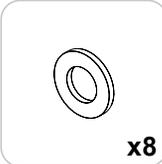
HARDWARE:



1/4-20" x 5" Pan
Head



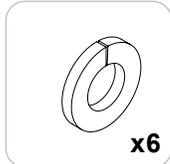
1/4-20" x 3/4"
Button Head



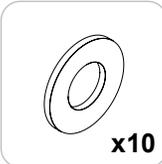
1/4" Flat Washer



5/16" x 3" Hex
Lag



5/16" Split Lock
Washer



5/16" Flat
Washer



Shell Expansion
Anchor



M8 x 16mm Hex
Bolt



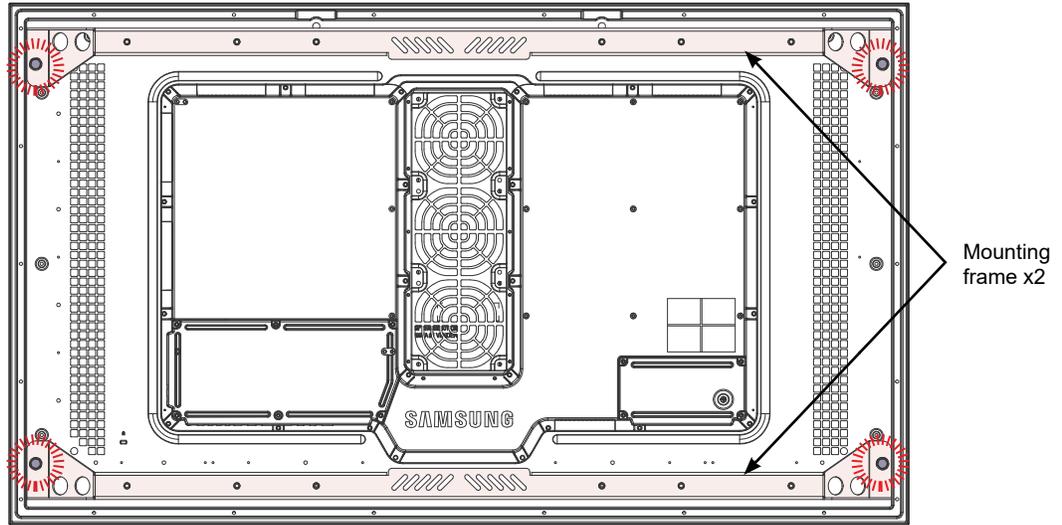
Lock-it
Security Barrel





7170-0977 Series Installation Guide

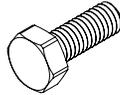
1



Torque:

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

4 Places



M8 x 16mm
Hex Bolt

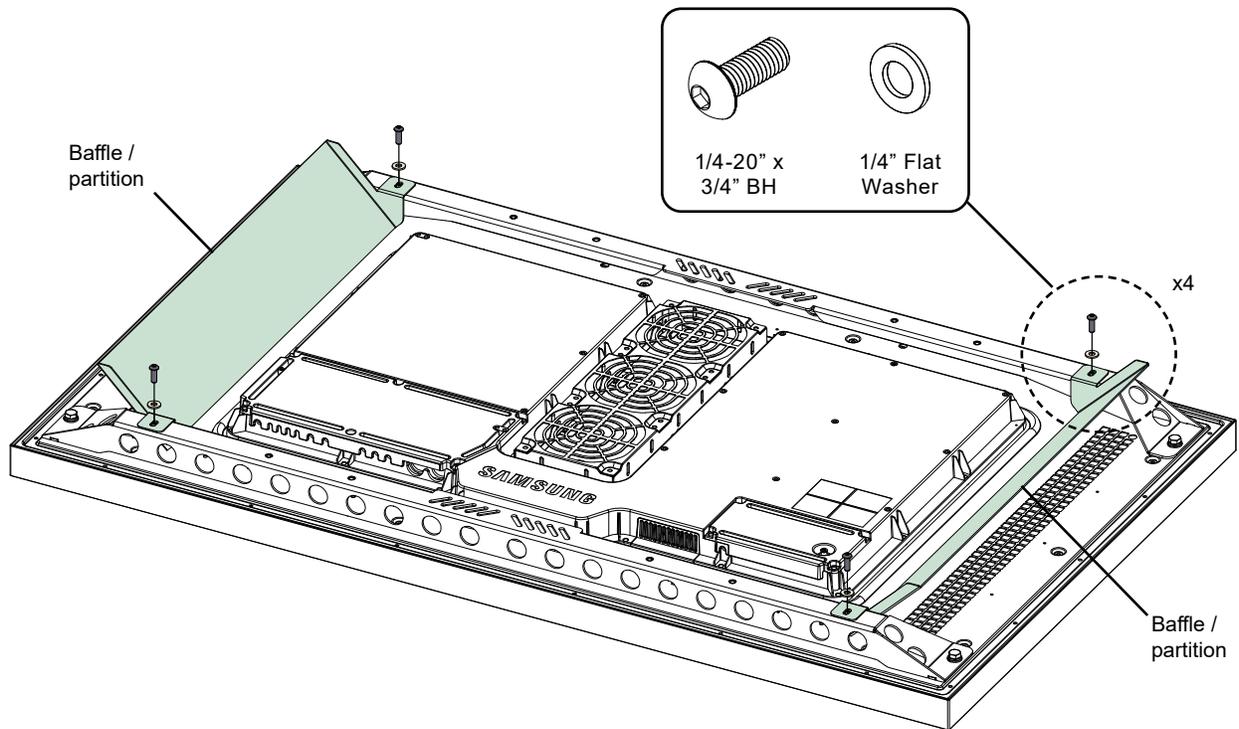


5/16" Split
Lock Washer



5/16" Flat
Washer

2



3

Install flat or tilt brackets, landscape or portrait.

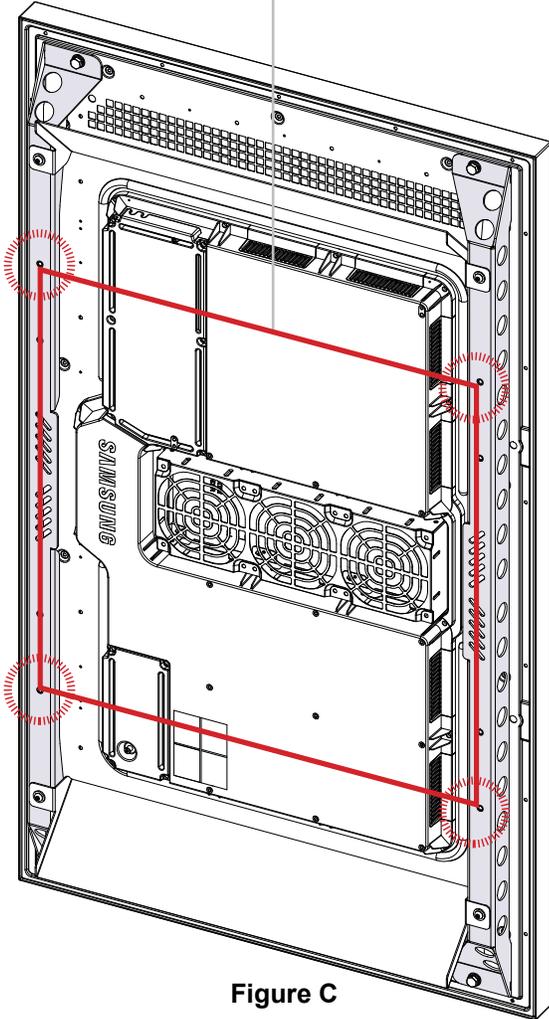
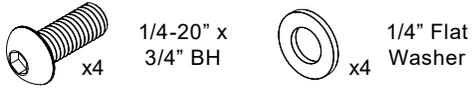
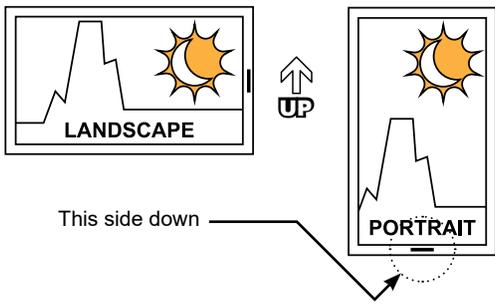
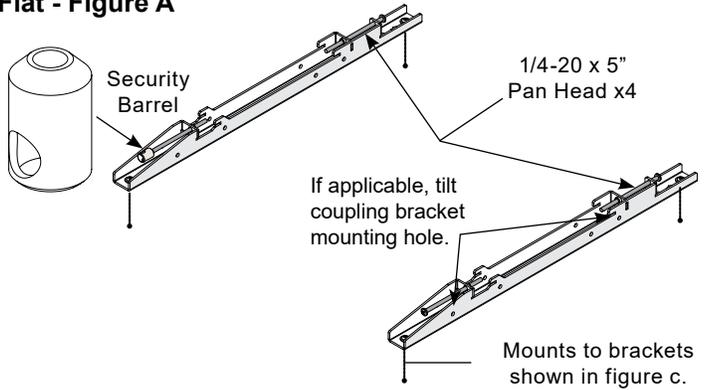


Figure C

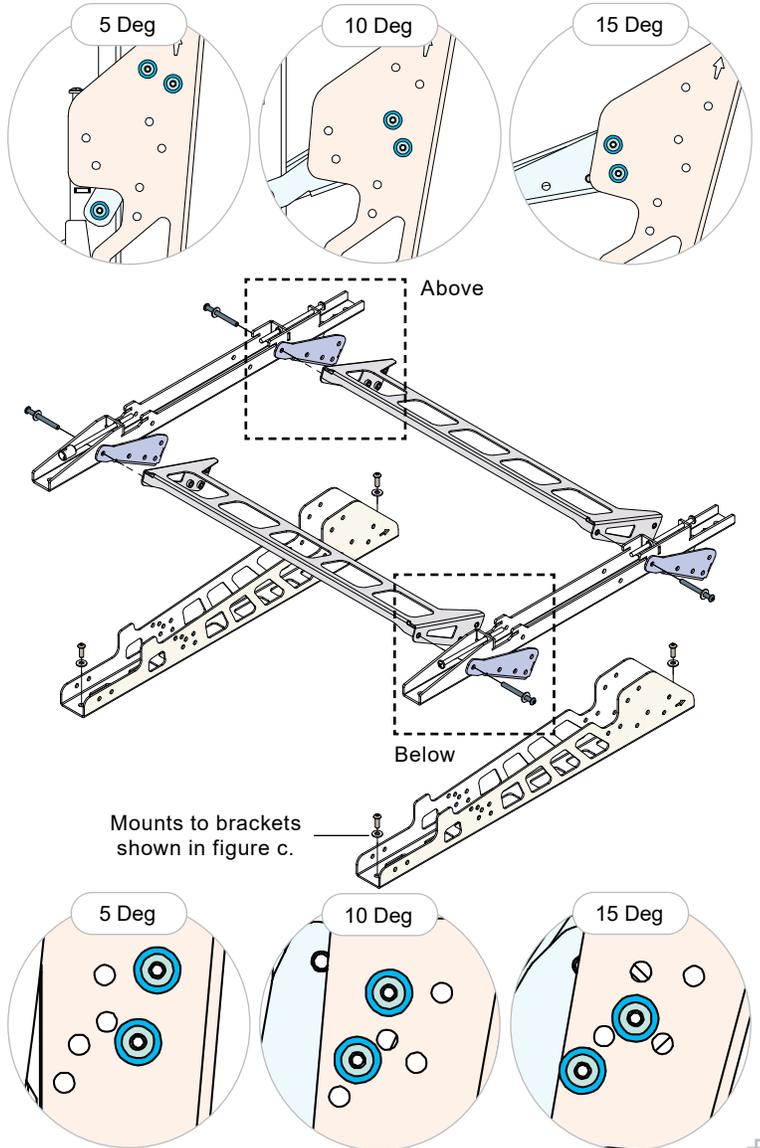


Flat - Figure A



Tilt - Figure B

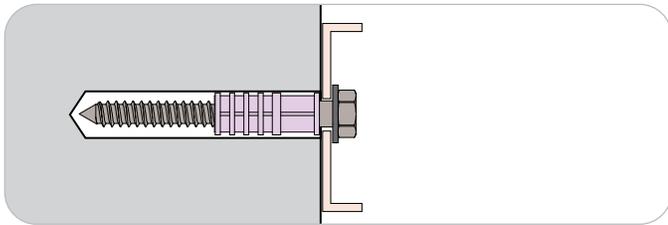
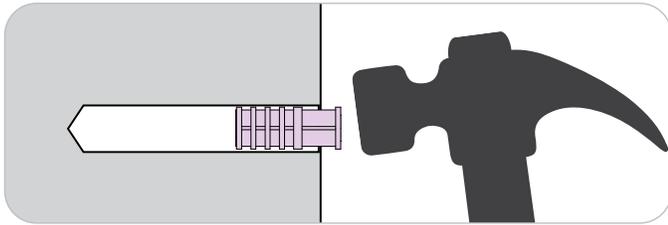
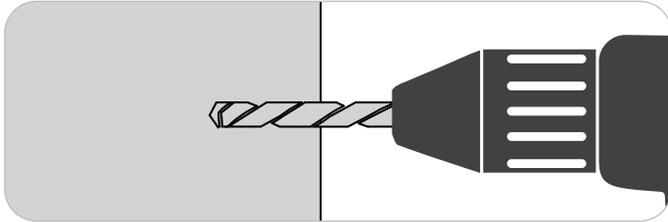
All hardware shown are 1/4-20" x 3/4" BH screw w/ washer.





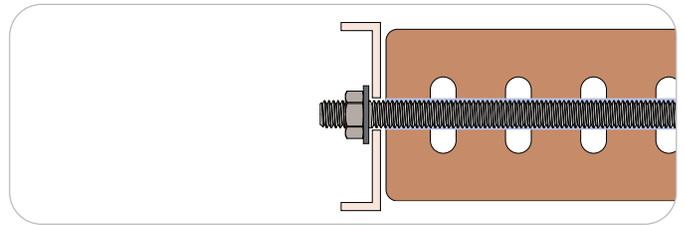
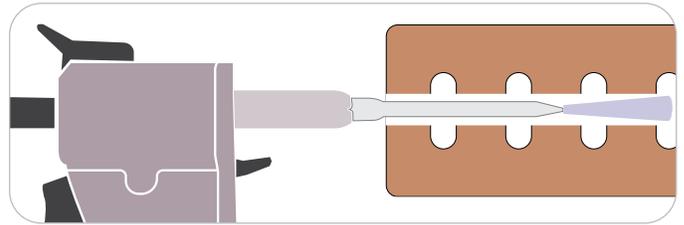
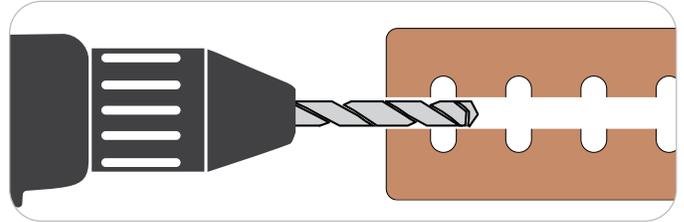
Solid Concrete/Brick

Use proper mounting guideline per state code.



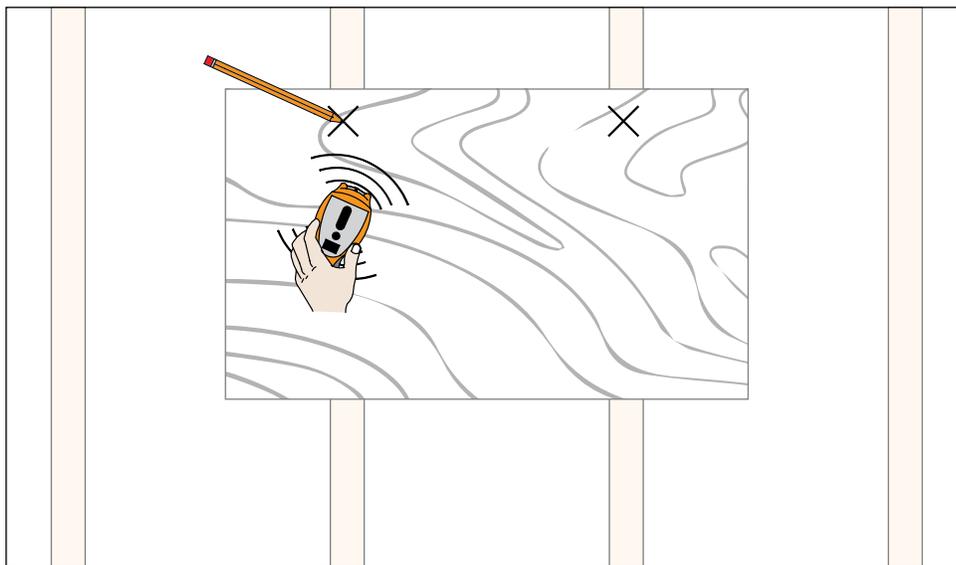
Brick (Alternative)

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



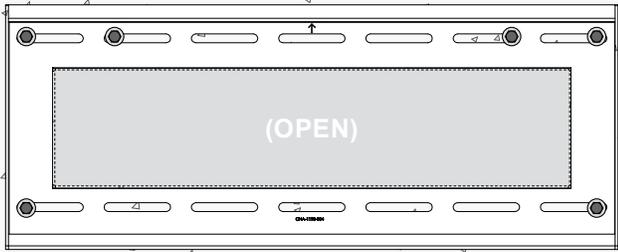
Wood Application

Use a stud finder to determine the center of the wall studs in the vicinity of the mount and mark the wall. Drywood wall must be backed with at least **3/4" plywall** to support the weight of the mount and flat-panel.



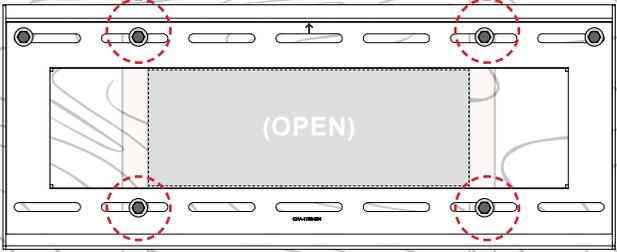
4

CONCRETE/BRICK



Requires a minimum of 4 mounting screws on upper slots and 2 on bottom slots. Shell expansion anchors are suitable for both concrete and brick.

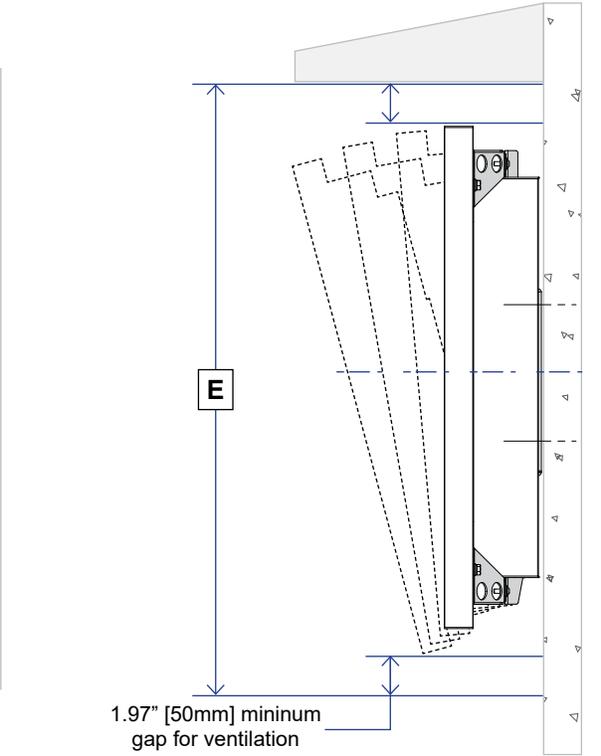
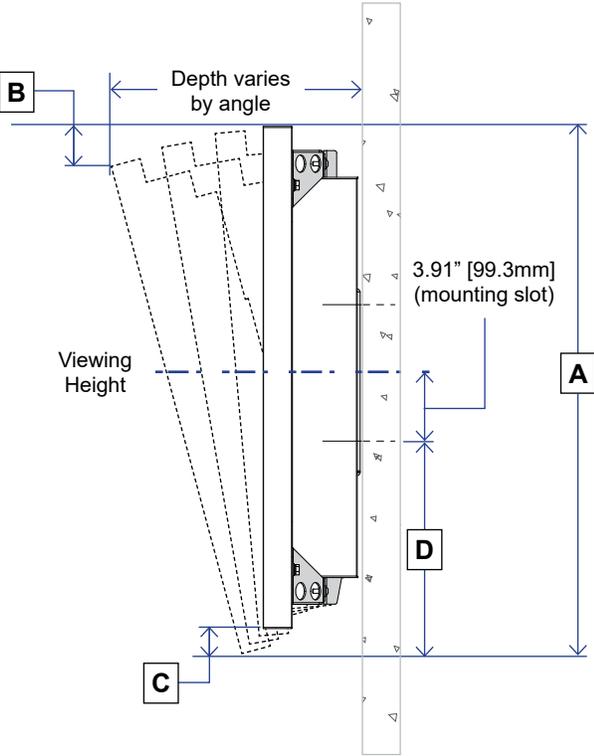
3/4" PLYWOOD-BACKED



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

MOUNTING DIMENSIONS

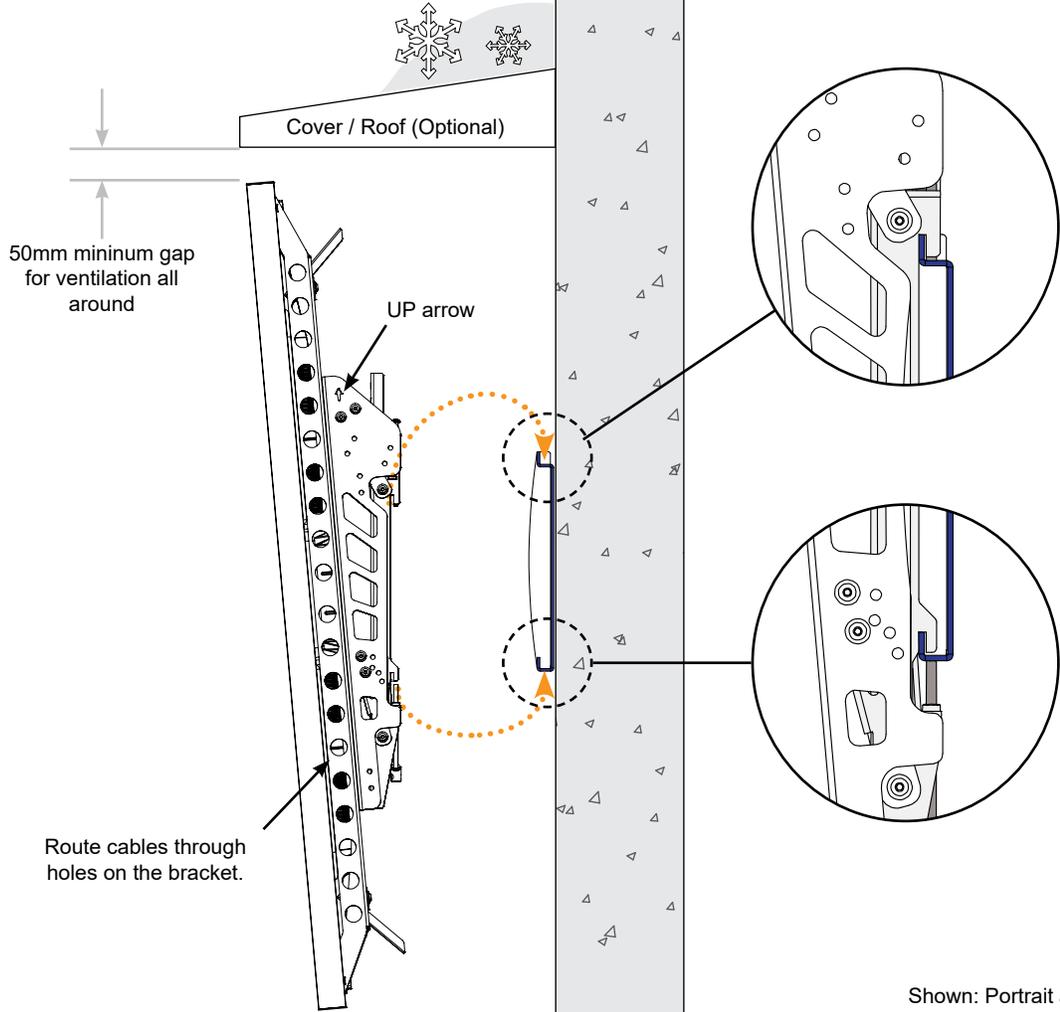
5



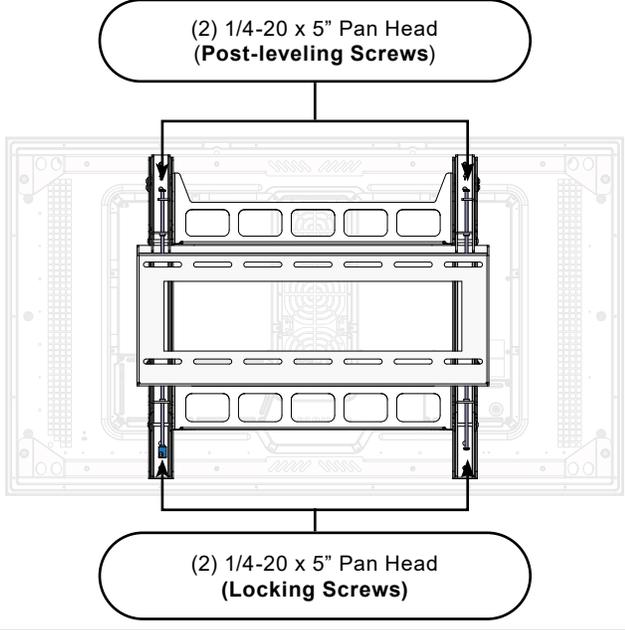
Letter	Description	Portrait	Landscape
A	Net Height	50.87" [1292.1mm]	30.38" [771.7mm]
B	Tilt offset (Top)	2.50" [63.5mm]	2.14" [54.4mm]
C	Tilt offset (Bottom)	1.24" [31.5mm]	1.59" [40.4mm]
D	Bottom to mounting slot of the wall plate	22.30" [22.3mm]	12.33" [313.2mm]
E	Minimum clearance of recess area	54.85" [1393.2mm]	34.36" [872.8mm]



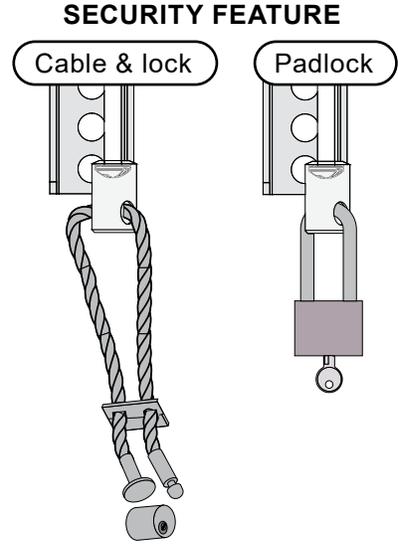
6



7



8



Lock the security barrel to prevent the mount from being tampered or disengaged.



