

PRODUCT SPECIFICATIONS

Clamber™ Tiered Seating

May 2025

TECHNICAL SPECIFICATIONS

Base Frames

Seat base frames are constructed of 18 mm laminated hardwood plywood, CNC-cut. All frame joints are nailed and glued in addition to the application of interlocking joinery at all stress points. Base frame surfaces have foam and upholstery applied.

Removable & Replaceable Tops

All Clamber units have either upholstered tops or laminate tops, which are replaceable. With the exception of the wave-shaped tops (upholstered tops only), both options may be specified. These removable tops attach to the base frames with the use of compression dowels.



Upholstered Tops

Upholstery over foam covers a 12 mm laminated hardwood, CNC cut. The finished top is approximately 1 1/4" thick.

Laminate Tops

Tabletops are nominally 1 1/4" overall thickness with a .030" thick high-pressure laminate top surface and a .028" phenolic backer bottom surface. The density of the particleboard core for standard tops is 45 lb/cu ft. Laminate tops are available with 74P edge. Grade 1 laminates are offered for durability. See Product Color Options page in the Clamber Pricelist for color options offered.

Walls

Non-structural upholstered walls may be specified to attach to select Clamber two-tiered units. Walls are installed on-site to the rear of a unit with mounting hardware supplied with the wall. The frame of a straight wall is constructed of 12 mm laminated hardwood plywood. The frame of a curved wall is constructed of 18 mm laminated hardwood plywood. All frame joints are nailed and glued in addition to the application of interlocking joinery at all stress points. Frames are covered in foam and upholstered. Each finished upholstered wall is 3" thick, 45" high, and has adjustable glides at the base.

Wall with Worksurface Mount

Clamber wall with worksurface mount must be specified to accompany Clamber wall laminate worksurface, which is installed on-site, to the rear of the wall, 42" from the floor. Two steel brackets support the narrowest worksurface, and three brackets support the worksurface on wider walls. Each mounting bracket is powder-coat painted in Warm Grey only. Worksurfaces are ordered and shipped separately. Walls with worksurface mount ship with all hardware required for worksurface installation. Worksurfaces are 12" deep and width is determined by wall length. Worksurfaces are nominally 1 1/4" overall thickness with a .030" thick high-pressure laminate top surface and a .028" phenolic backer bottom surface. The density of the particleboard core for standard tops is 45 lb/cu ft. Laminate tops are available with 74P edge. Grades 1-3 laminates are offered on worksurfaces to enhance the specifications options. See Product Color Options page in the Clamber Pricelist for color options offered.

Wall Worksurface Leg Kit

Wall worksurface leg kits are available and ordered separately as desired. Leg kits can be specified to better accommodate the visually impaired, or based on customer preference. Each kit contains one post leg, one L-bracket and connection hardware. The L-bracket is an optional replacement for the standard cantilever bracket to maintain a clean aesthetic. L-bracket is available in Warm Grey only. See Product Color Options in the Clamber Tiered Seating pricelist for post-leg color options.

Foam

All Clamber units have foam on all four sides of bases and frames, under the fabric. Foam is 1/4" thick, rated at 2.5 lb density, 40 lb compression. The removable upholstered seat panel has 3/4" thick foam rated at 2.6 lb density, 80 lb compression.



Furnishing Knowledge®

TECHNICAL SPECIFICATIONS

Dimensional Tolerance

Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}$ " (width & depth) when fitting together or into spaces. The tolerance is compounded as more units are added into a configuration. For example: two 48" units side-to-side should factor in a possible overall width of $96\frac{1}{2}$ " ($+\frac{1}{4}$ " per unit).

Sewing

All clamber units are sewn with double-needle stitching at all seams for lasting durability. Stitching is available in contrasting or coordinating color choices per the KI thread finish card.

Concealed Glides

Height-adjustable concealed glides are made of steel, with a 1" diameter white nylon bottom. Glide stem is $\frac{1}{4}$ -20 thread and is fitted with a $\frac{1}{4}$ " thick white nylon spacer at the top of the glide body. The glides give Clamber frames a minimum $\frac{3}{4}$ " clearance from the floor and allow for an additional $\frac{1}{2}$ " adjustment for uneven floors. A minimum of four or five glides are used on each unit, depending on the model.

Ganging Kits

Clamber is offered with optional (but recommended) ganging plates which are installed on-site and secure units together to achieve numerous module-inspired configurations. Ganging kits are optional and ordered separately, however three specific tiered-seating ganging configurations require the use of gangers. When required, ganging kits will be provided. See Clamber Tiered Seating - Planning Guide (KI-PG-000046) for ganging requirements and recommendations.

Tiered Seating Ganging Kit

Tiered-seating ganging plates are made from 14-gauge cold-rolled steel and are powder-coat painted Black. Each ganging kit includes two plates and eight #10 x 1" Phillips flat head wood screws. Plates mount to the top of the base frame of two units to be joined and are concealed under the removable tops. See Clamber Tiered Seating - Planning Guide (KI-PG-000046) for ganging requirements and recommendations.

Wall with Worksurface Ganging Kit

Wall with worksurface ganging plates are made from 11-gauge cold-rolled steel and are powder-coat painted Black. Each ganging kit includes one plate and four #12 x $\frac{3}{4}$ " Phillips pan head wood screws. Plates mount to the underside of the worksurface of two units to be joined. See Clamber Tiered Seating - Planning Guide (KI-PG-000046) for configurations and recommended ganging locations.

Power Modules

Axil Z® Power Module with 3-Prong Plug

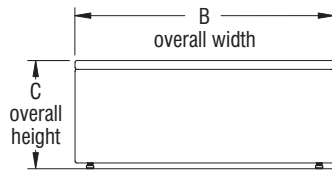
Most of Clamber can be configured with optional Axil Z power modules with 3-prong plug. The USB/AC power module houses one AC simplex receptacle (rated at 15 amps/125 volts), one DC USB-A port, and one USB-C port (rated at 2.1-amps/5-volts) (2.0 & 3.0 compatible, no data). All circuitry is contained in an extruded aluminum housing and the entire electrical power module assembly is UL listed, having a UL spill test rating for protection against liquids. Modules come with a 10' power cord with a 3-prong grounded plug, specified 14AWG, 15-amp NEMA rated 3-conductor SJT. The power cord is strain relief mounted to the rear of the housing. Module colors available are Warm Grey, Cool Grey, White, and Black in matte finishes. The cord is in black color only.

One-tier units are available with one Axil Z power module, while two-tiered units are available with up to two modules. See Clamber Tiered Seating - Planning Guide (KI-PG-000046) for configurable power locations.

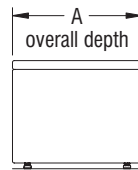
DIMENSIONS

Clamber One-Tier Seating - Straight - (model CLIR3 shown below)

Model Number	A Overall Depth	B Overall Width	C Overall Height
CLIR2	18"	24"	15"
CLIR3	18"	36"	15"
CLIR4	18"	48"	15"



(front view)

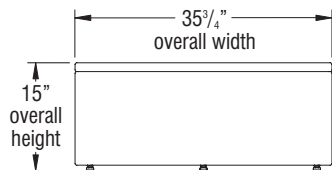


(side view)

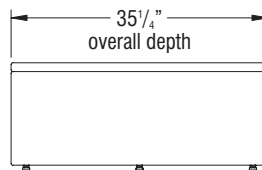


(top view)

Clamber One-Tier Seating - Square - (model CLISQ shown below)



(front view)

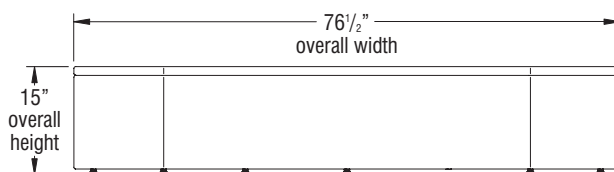


(side view)

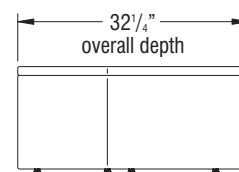


(top view)

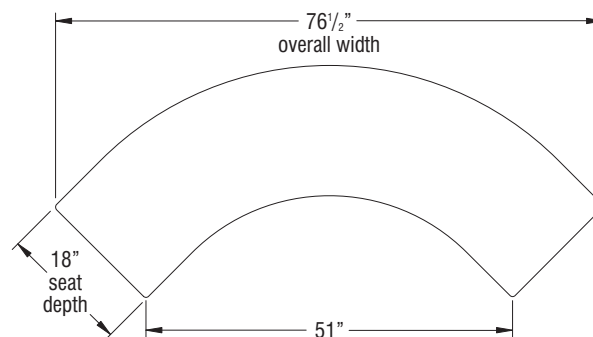
Clamber One-Tier Seating - Inside Corner - (model CLICN shown below)



(front view)



(side view)



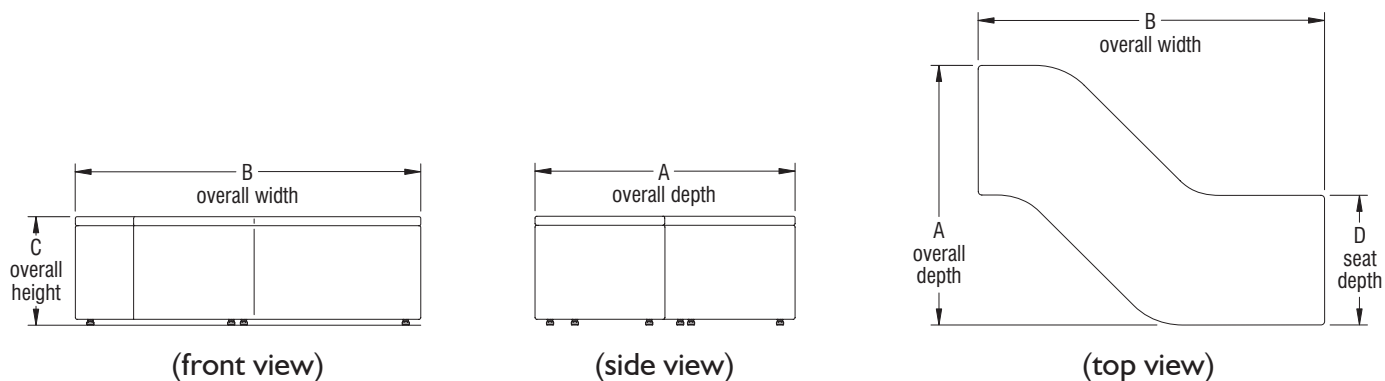
(top view)

Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+1/4$ " (width & depth) when fitting together or into spaces.

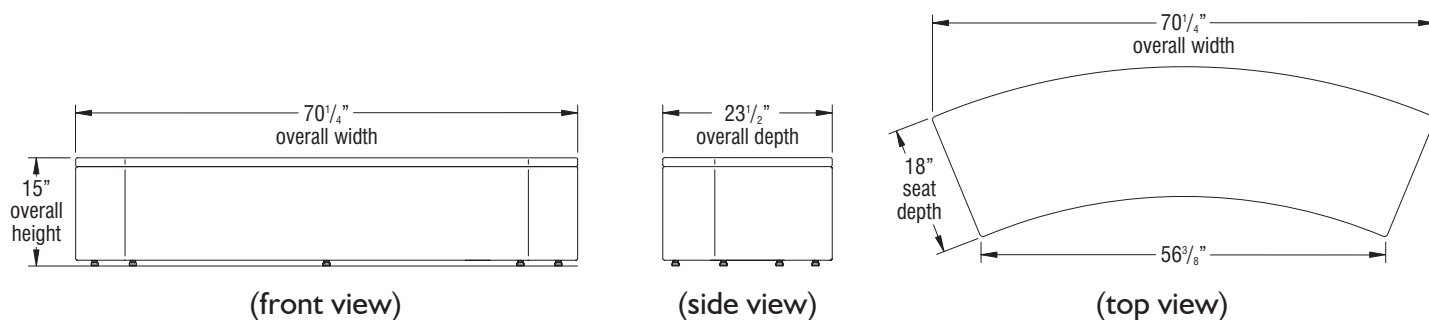
DIMENSIONS

Clamber One-Tier Seating - S-Curve - (model CLISL shown below)

Model Number	A Overall Depth	B Overall Width	C Overall Height	D Seat Depth
CLISL	36"	48"	15"	18"
CLISR	36"	48"	15"	18"

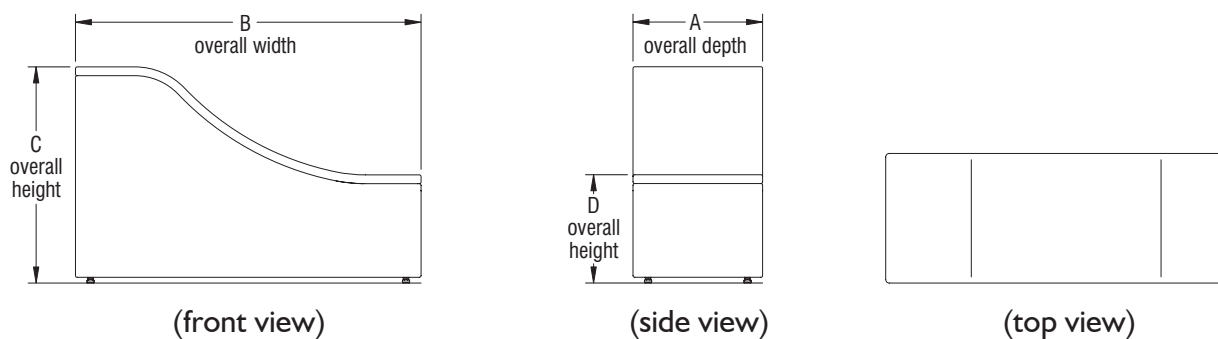


Clamber One-Tier Seating - Inside Curve - 45 Degree - (model CLIVN shown below)



Clamber One-Tier Seating - Wave - (model CLIWL shown below)

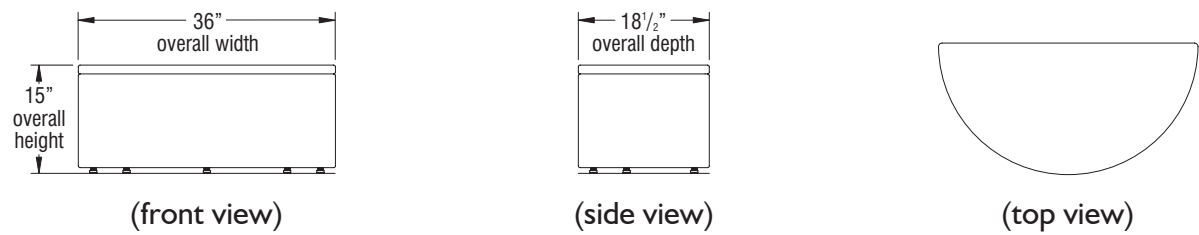
Model Number	A Overall Depth	B Overall Width	C Overall Height	D Lower Tier Seat Height
CLIWL	18"	48"	30"	15"
CLIWR	18"	48"	30"	15"



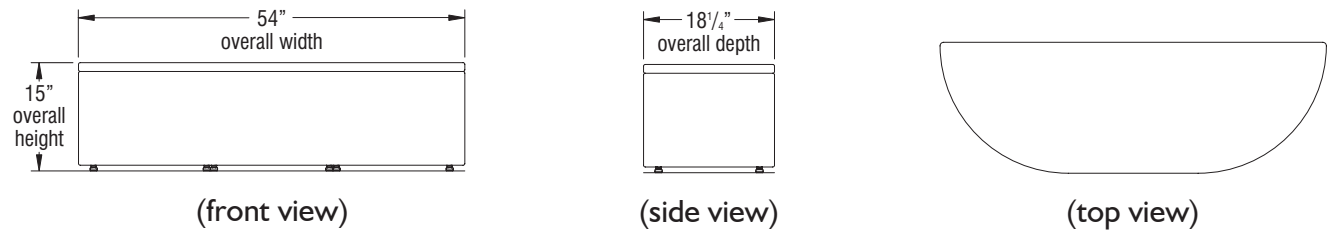
Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}"$ (width & depth) when fitting together or into spaces.

DIMENSIONS

Clamber One-Tier Seating - Half-Round - (model CL1HR shown below)

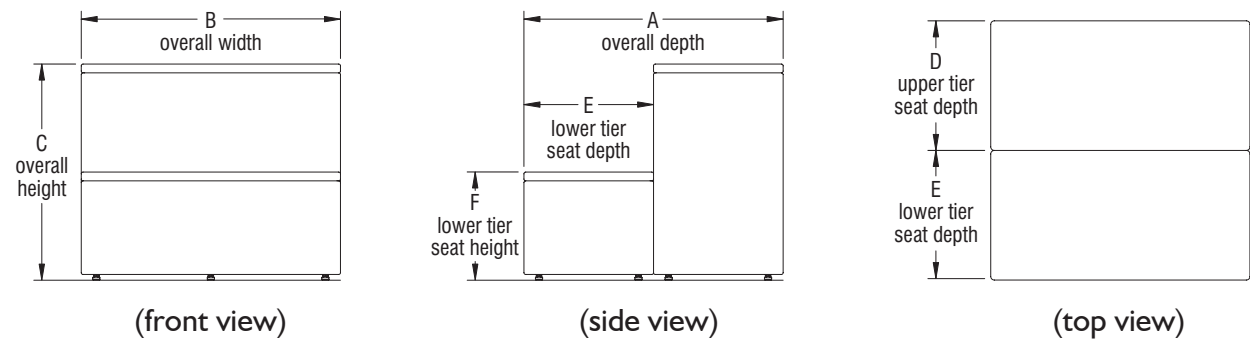


Clamber One-Tier Seating - Half Oval - (model CL1HV shown below)



Clamber Two-Tiered Seating - Straight - (model CL2R3 shown below)

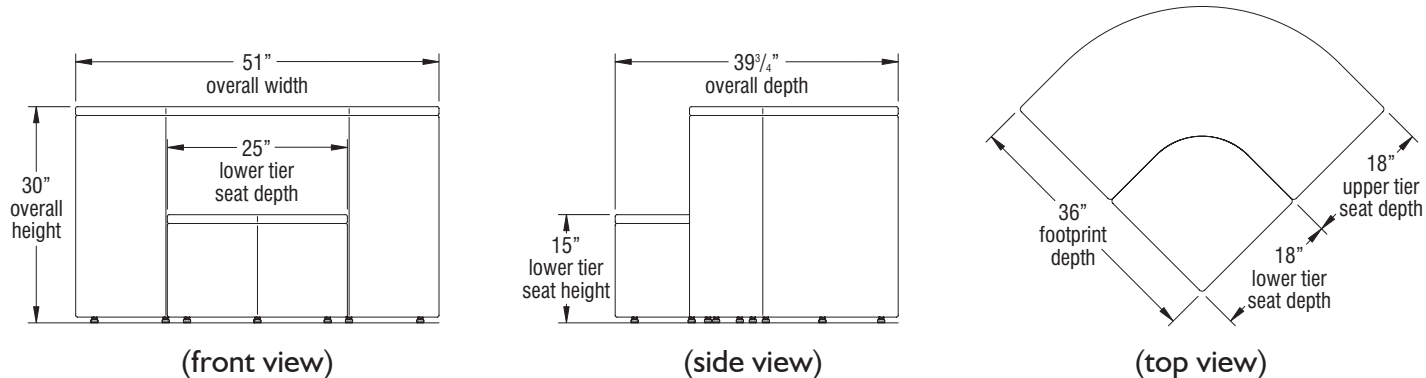
Model Number	A Overall Depth	B Overall Width	C Overall Height	D Upper Tier Seat Depth	E Lower Tier Seat Depth	F Lower Tier Seat Height
CL2R2	36"	24"	30"	18"	18"	15"
CL2R3	36"	36"	30"	18"	18"	15"
CL2R4	36"	48"	30"	18"	18"	15"



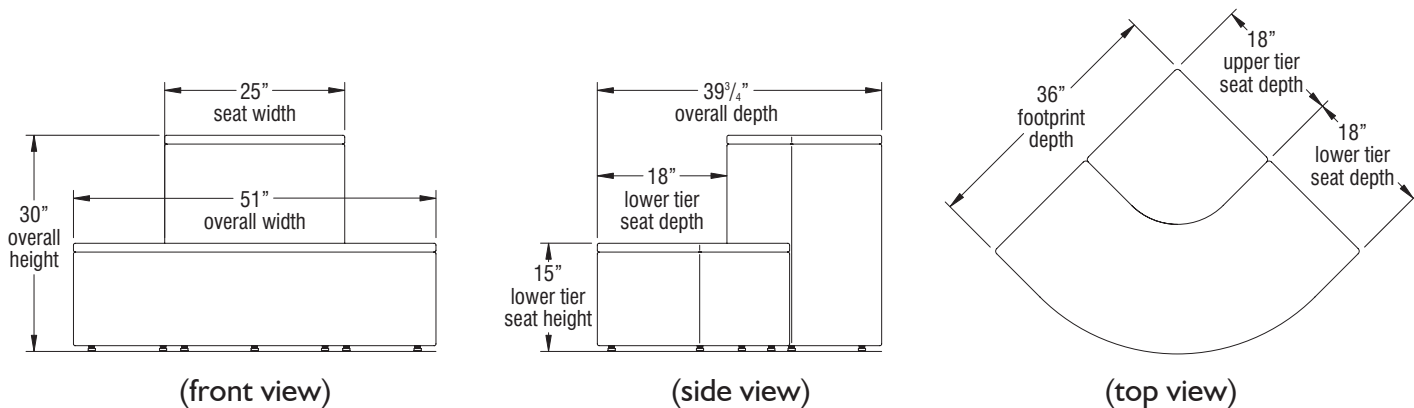
Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to +1/4" (width & depth) when fitting together or into spaces.

DIMENSIONS

Clamber Two-Tiered Seating - Inside Corner - (model CL2CN shown below)

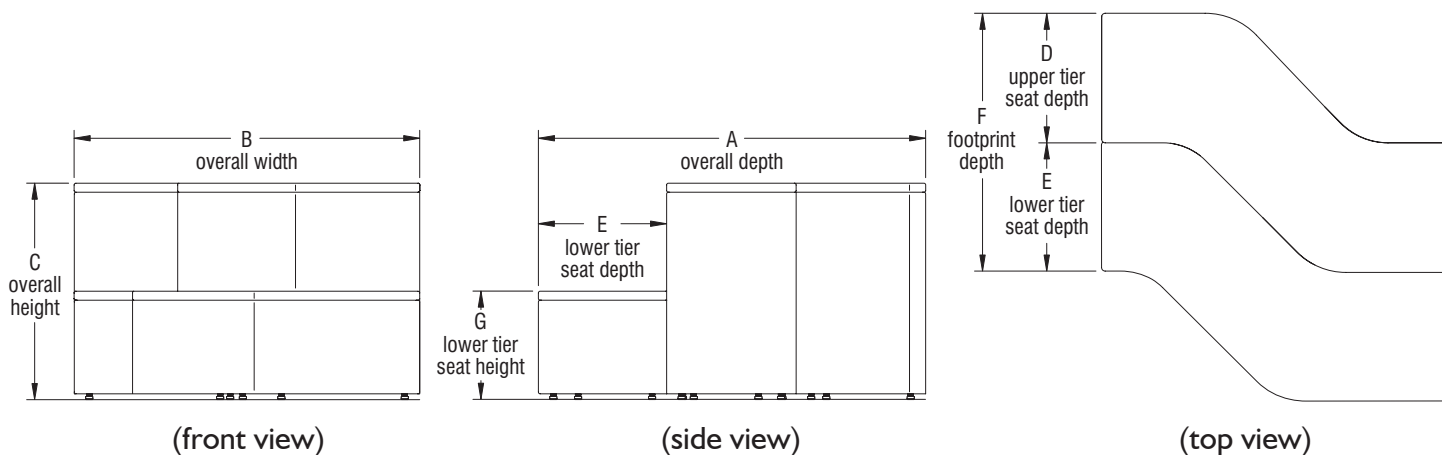


Clamber Two-Tiered Seating - Outside Corner - (model CL2CT shown below)



Clamber Two-Tiered Seating - S-Curve - (model CL2SL shown below)

Model Number	A Overall Depth	B Overall Width	C Overall Height	D Upper Tier Seat Depth	E Lower Tier Seat Depth	F Footprint Depth	G Lower Tier Seat Height
CL2SL	54"	48"	30"	18"	18"	36"	15"
CL2SR	54"	48"	30"	18"	18"	36"	15"

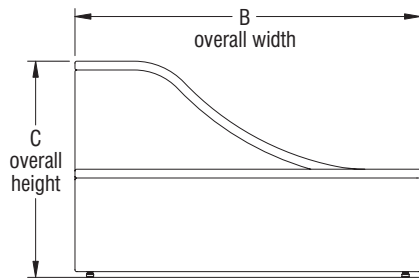


Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to +1/4" (width & depth) when fitting together or into spaces.

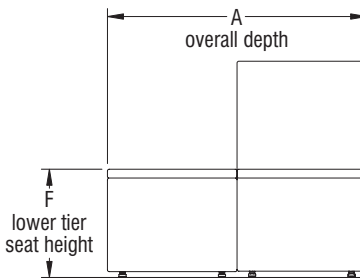
DIMENSIONS

Clamber Two-Tiered Seating - Wave - (model CL2WL shown below)

Model Number	A Overall Depth	B Overall Width	C Overall Height	D Upper Tier Seat Depth	E Lower Tier Seat Depth	F Lower Tier Seat Height
CL2WL	36"	48"	30"	18"	18"	15"
CL2WR	36"	48"	30"	18"	18"	15"



(front view)

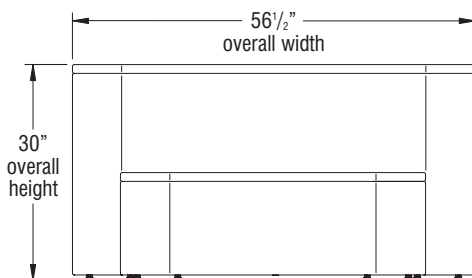


(side view)

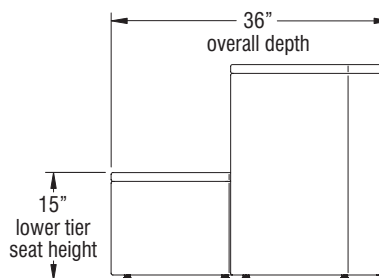


(top view)

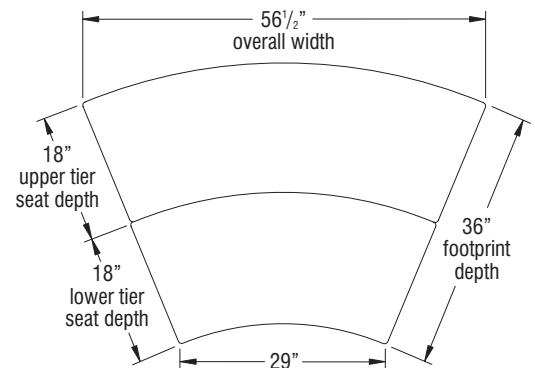
Clamber Two-Tiered Seating - Inside Curve - 45 Degree - (model CL2VN shown below)



(front view)

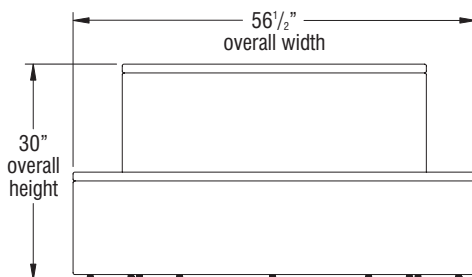


(side view)

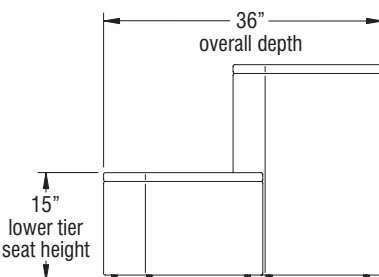


(top view)

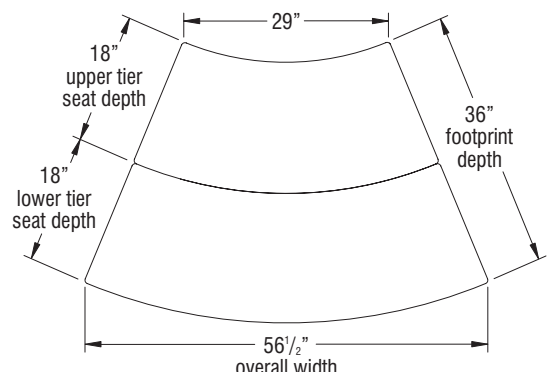
Clamber Two-Tiered Seating - Outside Curve - 45 Degree - (model CL2VT shown below)



(front view)



(side view)



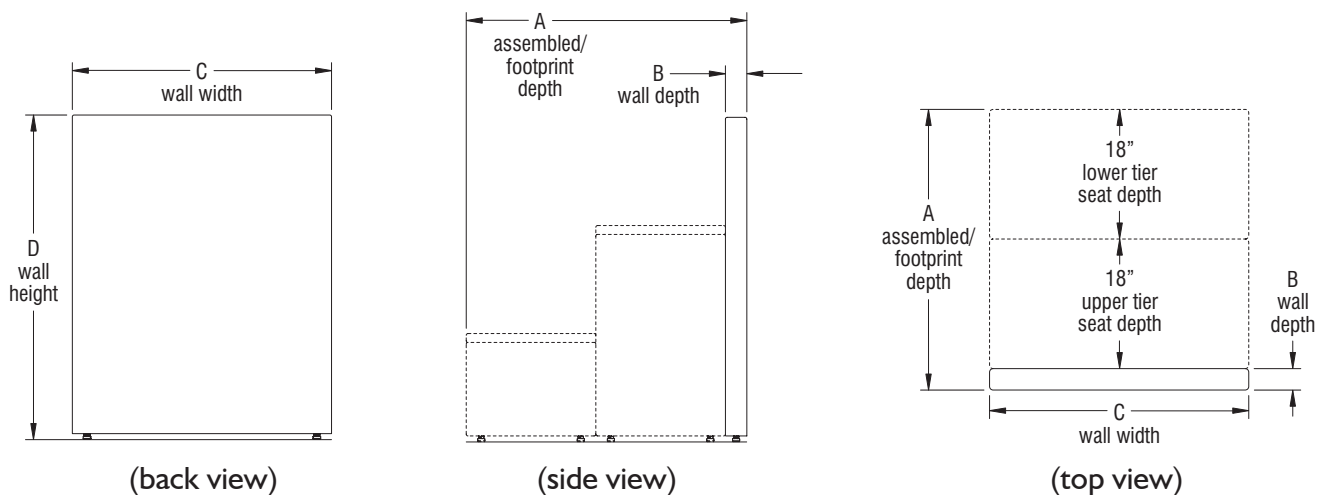
(top view)

Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+1/4$ " (width & depth) when fitting together or into spaces.

DIMENSIONS

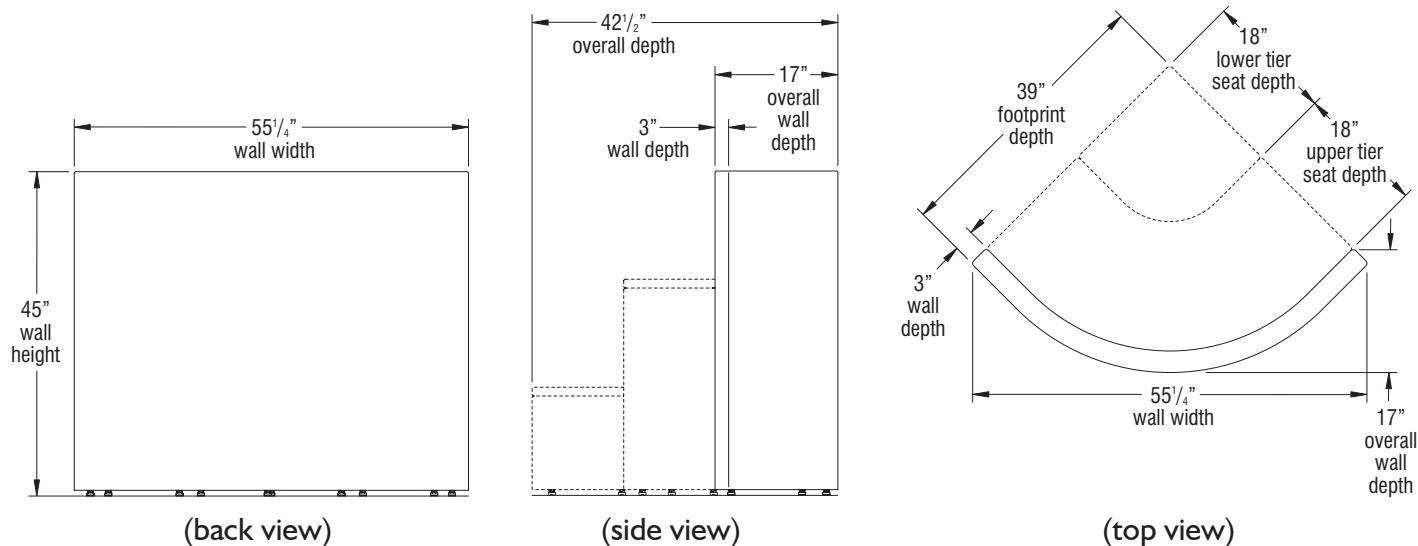
Clamber Wall - Straight - (model CLWR3N shown below)

Model Number	A Assembled/ Footprint Depth	B Wall Depth	C Wall Width	D Wall Height
CLWR2N	39"	3"	24"	45"
CLWR3N	39"	3"	36"	45"
CLWR4N	39"	3"	48"	45"



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}$ " (width & depth) when fitting together or into spaces.

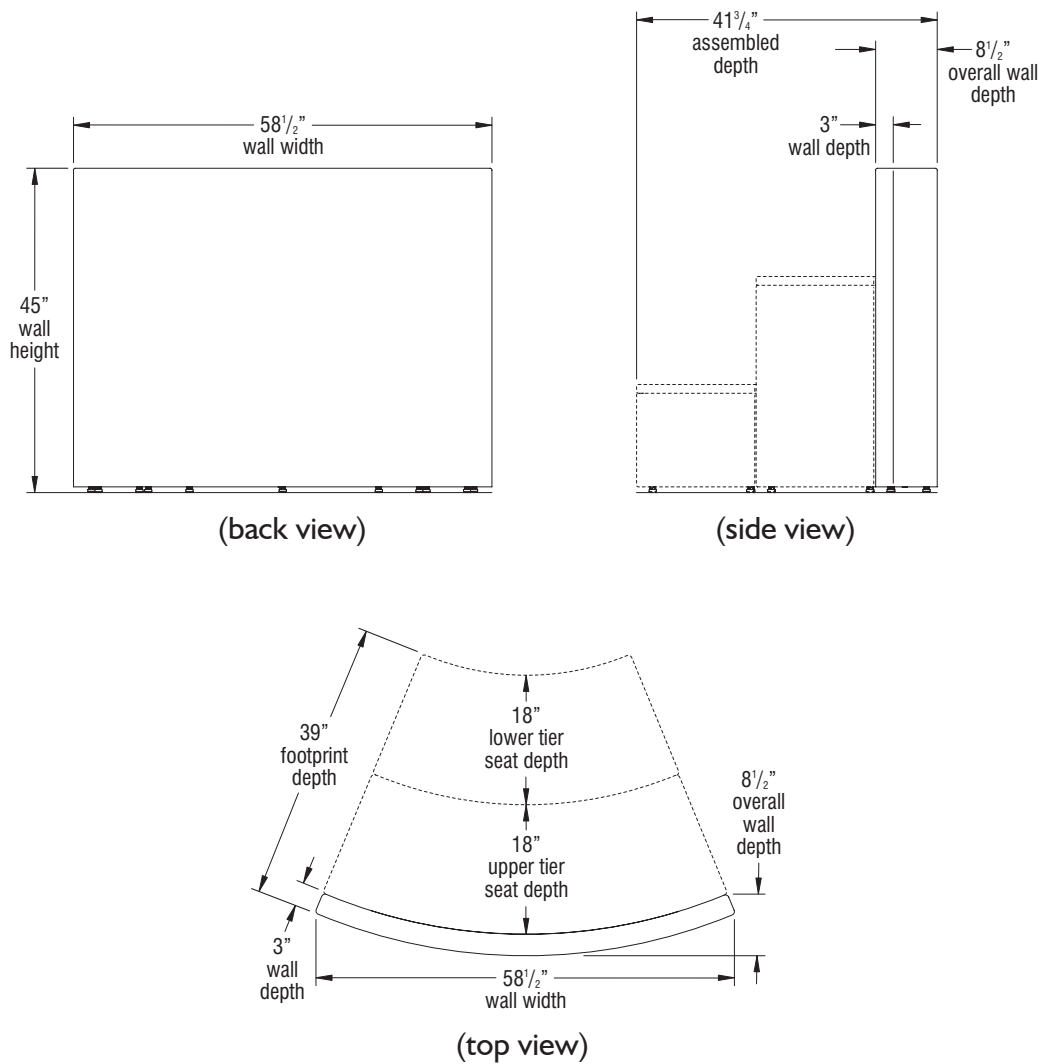
Clamber Wall - Inside Corner - (model CLWCN shown below)



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}$ " (width & depth) when fitting together or into spaces.

DIMENSIONS

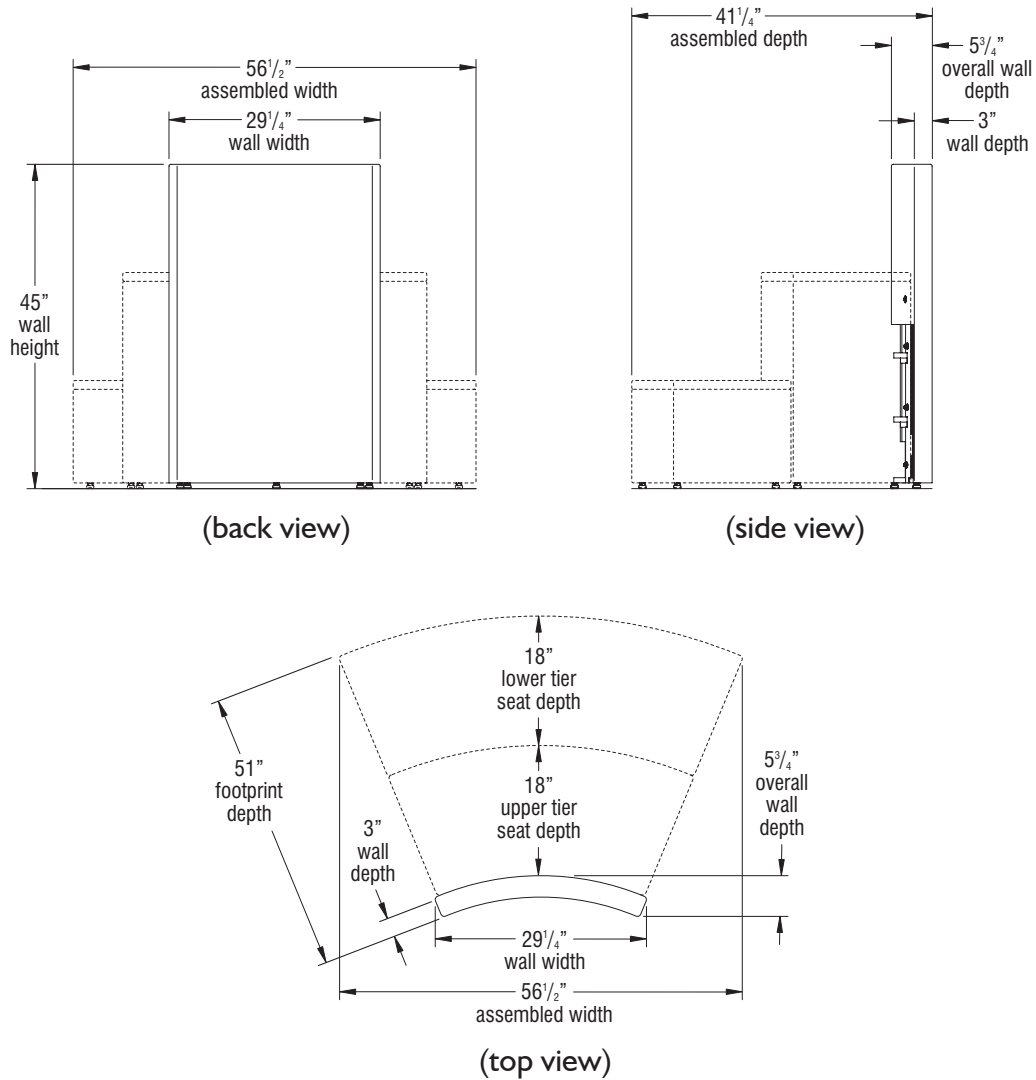
Clamber Wall - Inside Curve - 45 Degree - (model CLWVN shown below)



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}$ " (width & depth) when fitting together or into spaces.

DIMENSIONS

Clamber Wall - Outside Curve - 45 Degree - (model CLWVTN shown below)

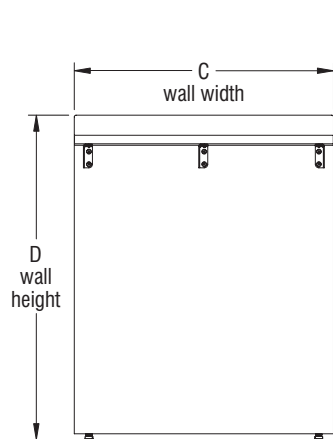


Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to + 1/4" (width & depth) when fitting together or into spaces.

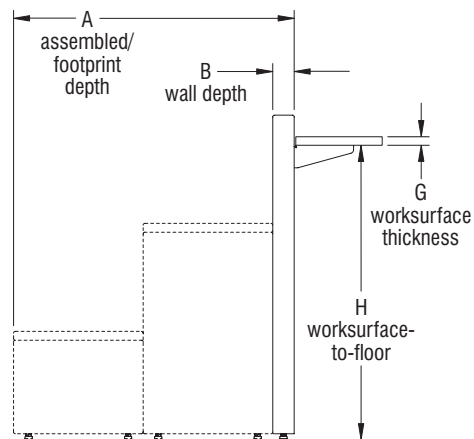
DIMENSIONS

Clamber Wall - Straight - (model CLSR3N & CALSRT3-74P shown below)

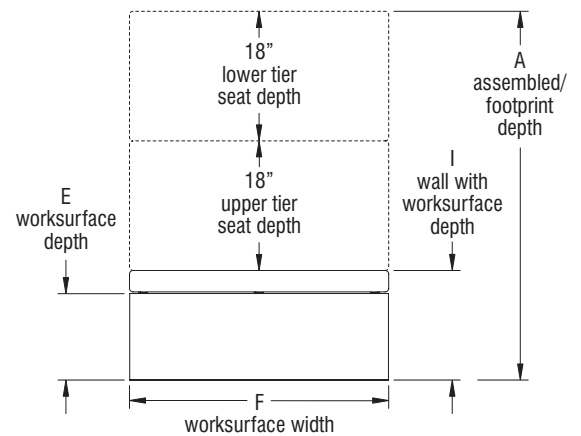
Model Number	A Assembled/ Footprint Depth	B Wall Depth	C Wall Width	D Wall Height	E Worksurface Depth	F Worksurface Width	G Worksurface Thickness	H Worksurface- to-Floor	I Wall with Worksurface Depth
CLSR2N & CLAWSRT24-74P	51"	3"	24"	45"	12"	24"	1 1/4"	41"	15"
CLSR3N & CLAWSRT36-74P	51"	3"	36"	45"	12"	36"	1 1/4"	41"	15"
CLSR4N & CLAWSRT48-74P	51"	3"	48"	45"	12"	48"	1 1/4"	41"	15"



(back view)



(side view)

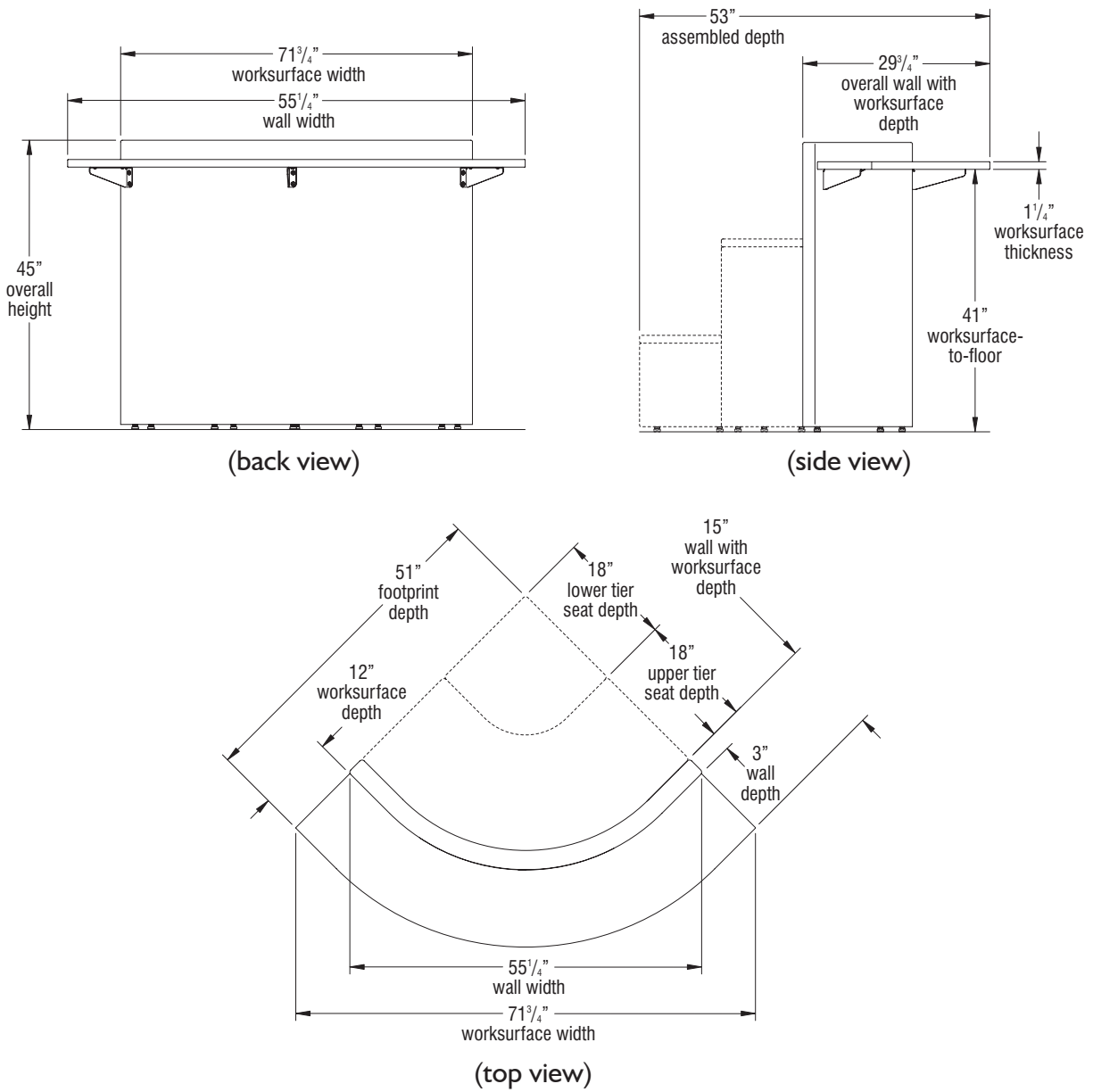


(top view)

Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+1/4"$ (width & depth) when fitting together or into spaces.

DIMENSIONS

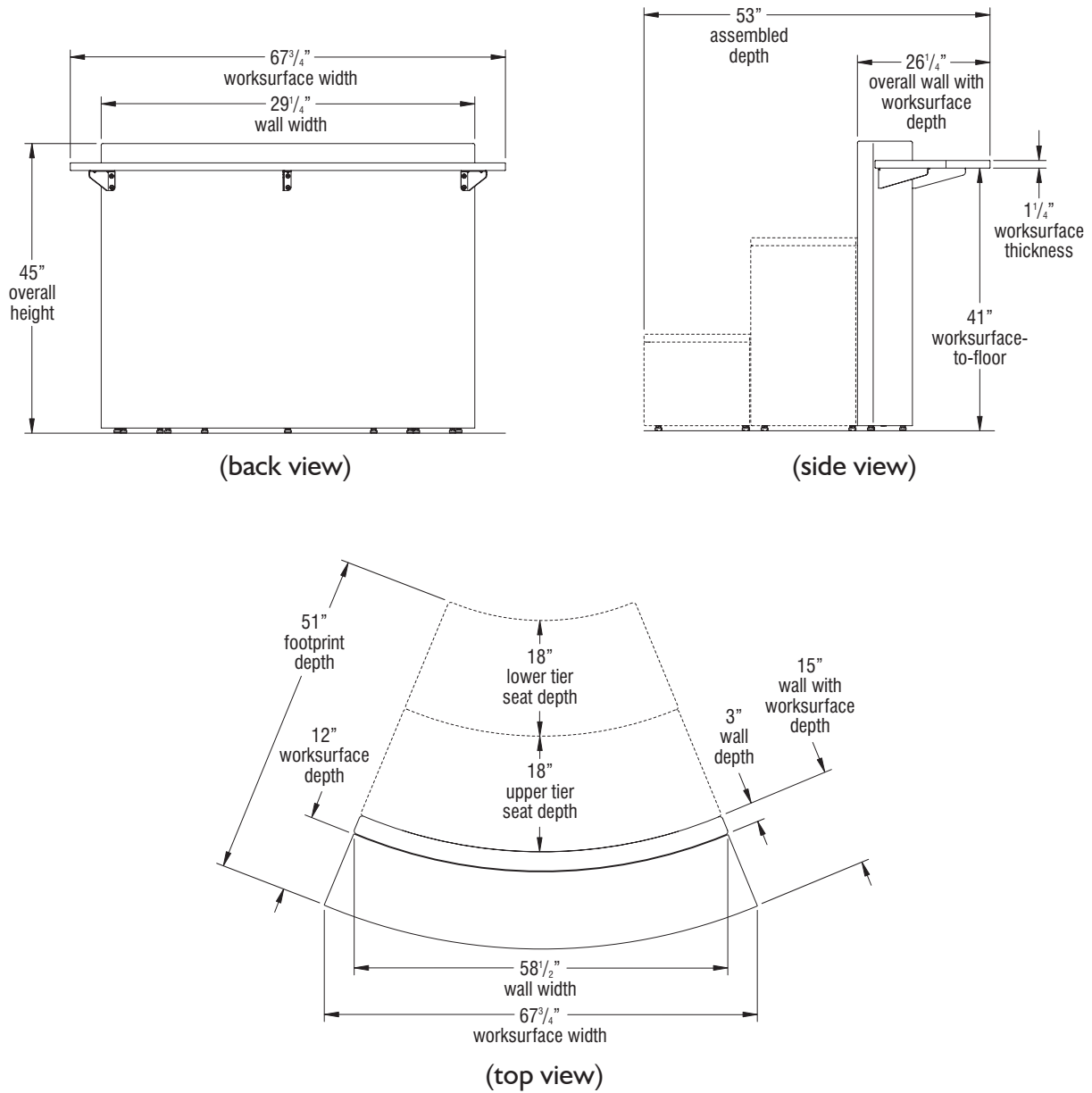
Clamber Wall - Inside Corner - (model CLSCNN & CLAWSCN-74P shown below)



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to +1/4" (width & depth) when fitting together or into spaces.

DIMENSIONS

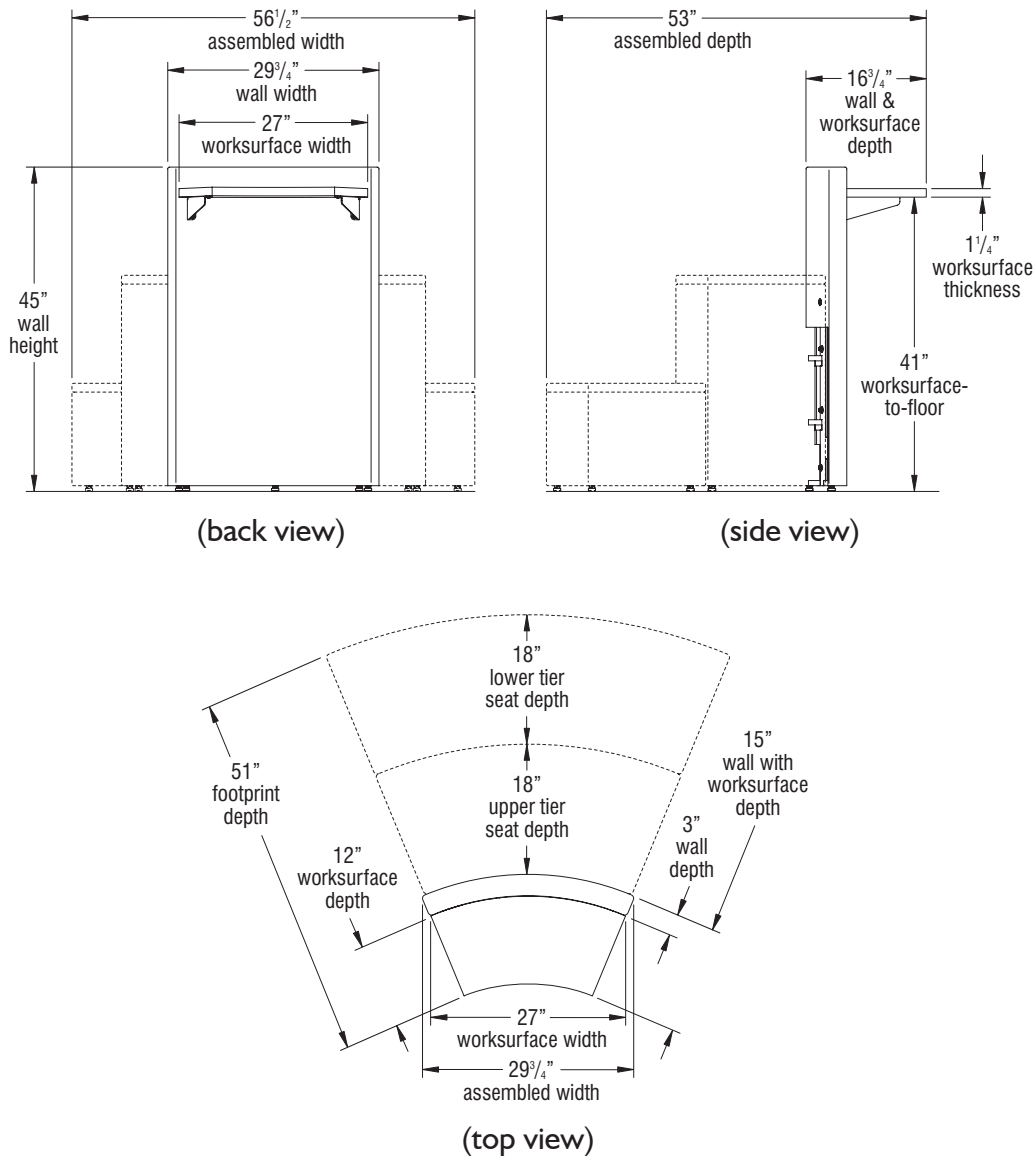
Clamber Wall - Inside Curve - 45 Degree - (model CLSVN & CLAWSVN-74P shown below)



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to $+\frac{1}{4}"$ (width & depth) when fitting together or into spaces.

DIMENSIONS

Clamber Wall - Outside Curve - 45 Degree



Note: Due to variations in foam and upholstery in the manufacturing process, all units have a dimensional tolerance of up to + 1/4" (width & depth) when fitting together or into spaces.