### 2017 Installation Instructions

# <u>INFINITY **E**URO</u>"

ARCHITECTURAL HORIZONTAL FENCE SYSTEM



Estate Top Model in King Cedar shown



Lattice Top Model in Black Rose shown

- 1: Itemized materials list
- 2: Infill Infinity models & stacking orders
- 3: Tools needed
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- 25: Post & gate kits
- 26: Infill & framing kits

# Itemízed Materials List

	Post Location Image				
Questions? 800-955-2879  Jewwett-Cameron Company  Material List  A) Post  B) Post Channel  C) Channel Cover	Post Aerial View  A  G  B  B				
D) Channel Cover Slot	Itam Imaga				
E) Bracket Slot  F) Post Cap	Item Image				
G) Bracket					
H) Top Board Cap					
I) Bottom Support Frame	<b>₹</b>				
J) Composite Fence Board					
K) Aluminum Fence Board					
M) Lattice Top					
N) Acrylic Top					
O) Base Plate					
P) Hexagon Screw					
Q) Base Plate Screw					



# Infinity Euro Style - Infill

### Quantities per 6ft. Section & Stacking Order

1	nfinity Style	6 ft. Height	4 ft. Height
		Es	state
		> Top Board Cap	> Top Board Cap
_		> 3 Composite Boards	> 1 Black Aluminum Board
1	The second second	> 1 Black Aluminum Board	> 8 Composite Boards
		> 10 Composite Boards	> Bottom Support Bar
	King Cedar shown	> Bottom Support Bar	
		Blac	k Top
		> Top Board Cap	> Top Board Cap
П		> 3 Black Aluminum Board	> 1 Black Aluminum Board
Ш		> 10 Composite Boards	> 7 Composite Boards
		> 1 Black Aluminum Board	> 1 Black Aluminum Board
	Orderd Source shares	> Bottom Support Bar	> Bottom Support Bar
	Oxford Grey shown	Latti	се Тор
		> Top Board Cap (down)	> Top Board Cap
		> Lattice Top	> 1 Black Aluminum Board
тт	The second second	> Top Board Cap (up)	> 7 Composite Boards
Ш	The same of the sa	> Top Board Cap (down)	> 1 Black Aluminum Board
		> 10 Composite Boards	> Bottom Support Bar
		> 1 Black Aluminum Board	1 22 <b>1</b> 22
	Black Rose shown	> Bottom Support Bar	
	2. 72	Acryl	ic Top
		> Top Board Cap (down)	> Top Board Cap
	Total State of the Land	> Acrylic Top	> 1 Black Aluminum Board
IC		> Top Board Cap (up)	> 7 Composite Boards
LV		> Top Board Cap (down)	> 1 Black Aluminum Board
		> 10 Composite Boards	> Bottom Support Bar
		> 1 Black Aluminum Board	0
	King Cedar shown	> Bottom Support Bar	

- Apply all boards with the TONGUE SIDE UP and the GROOVE SIDE DOWN
- 6 ft high: In Ground use 8 ft post kit, Surface Mount use 6 ft post kit + Base Plate
- 4 ft high: In Ground use 6 ft post kit, Surface Mount use 4 ft post kit + Base Plate
- All sections are 72 in. post center to post center



Questions? 800-955-2879

#### Infinity Euro Style Composite Fencing Install Instructions

Tools Needed:





















Supplies:

















\*for Surface mounting to concrete or wood

#### Prior to installing fencing:

- Prior to digging, confirm location of underground utilities with local authorities.
- ✓ Apply for permits if required by local authorities and codes.
- ✓ Local zoning laws, neighborhood associations and/or historic districts may regulate size, type, placement and ability of fencing. Ensure compliance prior to installation.

#### 1. Planning:

- ✓ Determine total area to be fenced.
- ✓ Site-Built installation: Ensure the right amount of boards and components per section.
- ✓ Make adjustments for odd widths at the back corners or build partial sections equally. Example: if
  you have 8 feet left in a run, consider building two 4ft sections rather than a 6ft and a 2ft.
- ✓ Determine the number of posts including gate post & gate location (if applicable).

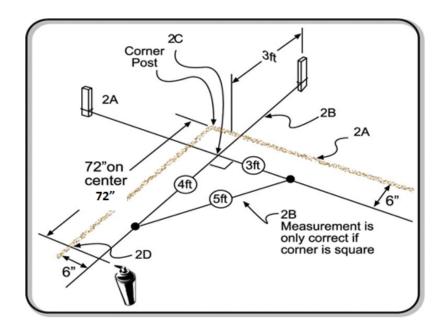
#### 2. Layout (See diagram below)

- 2A. Establish total area to be fenced. Insert stakes 6" inside of proposed area extending an additional 3' laterally so as not to disturb string lines when digging post holes.
- 2B. Attach string line to staked area. Verify corners are square using the 3' x 4' x 5' method.
- 2C. Fence corners are determined by where strings intersect.
- 2D. Mark locations for subsequent posts starting with the first location and measuring the appropriate distance determined by install method.

#### · 72" Post center to Post center

- ✓ Mark gate location and size.
- ✓ Place proper post at each location.

Tip: When marking measurements with spray paint, mark both the ground and string (see illustration).





Questions? 800-955-2879

Infinity Style In - Ground Install Instructions 6 ft. High



**Tools Needed:** 



Post Digger



Mallet

Level

Power Drill



> DIG HOLES

Refer to the IN GROUND illustration page for a closer look!



1) Dig first 2 holes: 72 inches apart (post center - post center)



2) Hole: 30 inches deep 8 inches wide



3) Add: 6 inches of gravel

#### > POST PREP



4) Remove post caps.



Remove <u>channel</u> covers from posts.



 Measure down to 71 inches, Mark a pencil line. Top of bracket will be here.



7) Slide <u>bracket</u> in post, use the inner slot. Short side down. Secure with a Hexagon screw.

#### POSTS IN GROUND & START FRAMING



8) Insert posts into both holes measured at 72 inches from ground - post top.



9) Insert the bottom support frame in post channels, resting on brackets.



10) Level posts frequently.



11) Add a minimum of 100 lbs of concrete per hole.

#### INFILL BOARDS & FINISH FRAMING



12) Infill the boards by following the Model Stacking Order on page 2.



13) Insert top board cap down through the post channels, tap down with mallet



Use the inner slot. short side down.



14) Slide bracket in post. 15) Fit short leg of bracket down behind the top board cap.

#### SECURE & FINISH POST INSTALL



16) Secure brackets with Hexagon screws.



17) Replace channel covers through any unused post channels. Use outer slot, hole side down, secure with Hexagon screw in hole.



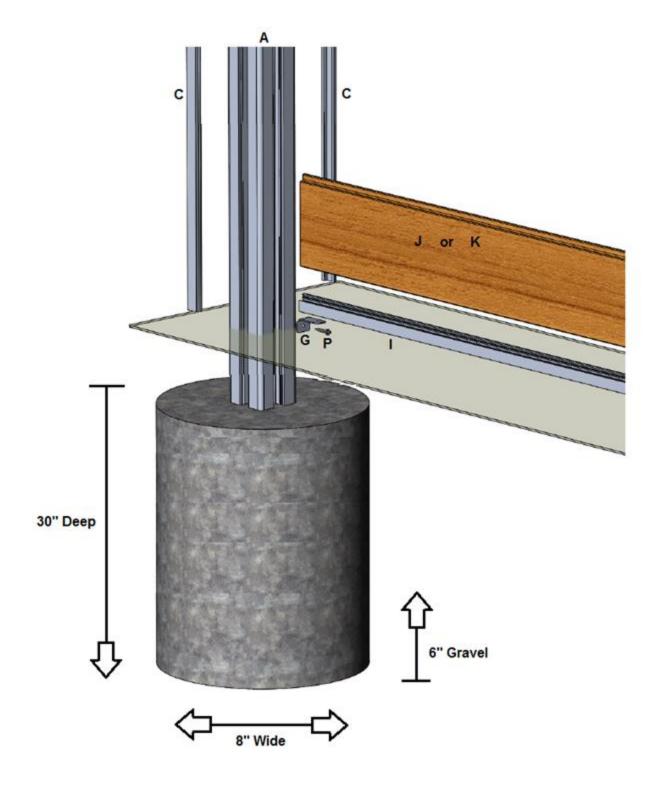
18) Replace pressure fit post caps. Tap down with mallet.

#### > **NEXT HOLE**

Dig next post hole 72 inches apart (post center - post center). Insert next post with brackets attached. Then put the bottom support frame on the brackets in the post channels as the exact measuring stick.



# IN GROUND





Questions? 800-955-2879

### Infinity Style In - Ground Install Instructions 4 ft. High



**Tools Needed:** 







Mallet







> DIG HOLES

#### Refer to the IN GROUND illustration page for a closer look!



 Dig first 2 holes: 72 inches apart (post center - post center)



2) Hole: 30 inches deep 8 inches wide



3) Add: 6 inches of gravel

#### > POST PREP



4) Remove post caps.



5) Remove <u>channel</u> covers from posts.



 Measure down to 46 inches.
 Mark a pencil line. Top of bracket will be here.



7) Slide <u>bracket</u> in post, use the inner slot. Short side down. Secure with a <u>Hexagon</u> screw.

#### > POSTS IN GROUND & START FRAMING



8) Insert posts into both holes measured at 48 inches from ground - post top.



9) Insert the <u>bottom</u> <u>support frame</u> in <u>post</u> <u>channels</u>, resting on brackets.



Level posts frequently.



11) Add a minimum of 100 lbs of concrete per hole.

#### INFILL BOARDS & FINISH FRAMING



12) Infill the boards by following the *Model Stacking Order* on page 2.



13) Insert top board cap down through the post channels, tap down with mallet.



14) Slide <u>bracket</u> in post. Use the inner slot, short side down.



15) Fit short leg of <u>bracket</u> down behind the <u>top</u> board cap.

#### > SECURE & FINISH POST INSTALL



Secure <u>brackets</u> with <u>Hexagon</u> screws.



17) Replace <u>channel covers</u> through any unused <u>post</u> <u>channels</u>. Use outer slot, hole side down, secure with <u>Hexagon screw</u> in hole.



18) Replace pressure fit post caps. Tap down with mallet.

#### > NEXT HOLE

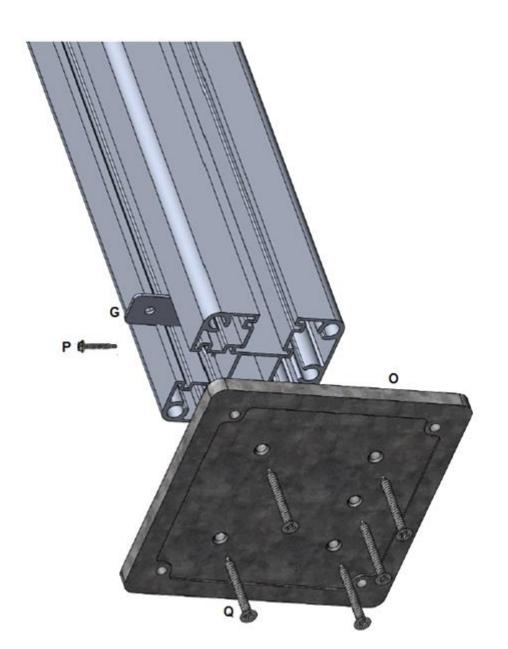
Dig next post hole 72 inches apart (post center - post center). Insert next post with <u>brackets</u> attached. Then put the bottom support frame on the brackets in the post channels as the exact measuring stick.



# BASE PLATE

### Mount to Post

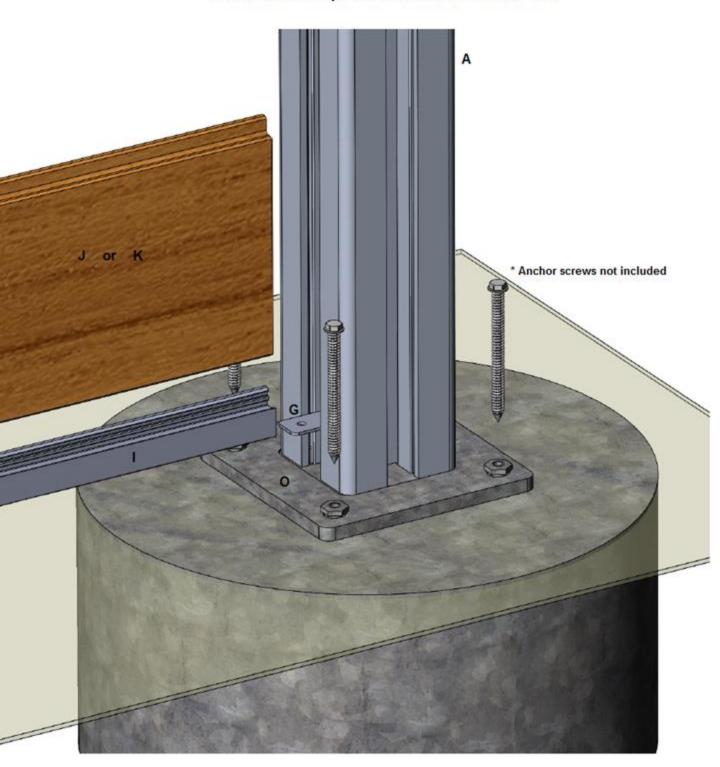
- \* When doing a Surface Mount install
- \* Refer to the Material List page for product identification
- \* If your patio pitches, adjust the leveling screws attached to the base plate





# Surface Mount to Patio

- \* Refer to the Material List page for product identification
- \* If your patio pitches, adjust the leveling screws attached to the base plate
- \* Anchor screws to patio illustrated below not included





Questions? 800-955-2879

Infinity Style Surface Mount - Patio Install Instructions 4 ft. or 6 ft. High



**Tools Needed:** 



**Tape Measure** 



Saw





Power Drill



> POST PREP

Refer to the SURFACE MOUNT illustration page for a closer look!



1) Remove post caps.



Remove <u>channel</u> covers from posts.



 Tap in <u>base plates</u> into the bottom of the posts.



Secure with the 5 included screws.

#### > ATTACH ALL BRACKETS AND SECURE FIRST POST



5) Slide <u>bracket</u> in post
 short side down
 thru the inner slot



 Slide bracket until it touches the base plate, secure with a hexagon screw.



 Predrill concrete with a 3/8 inch x 4 inch masonary bit.



Adjust leveling knobs.
 Secure a 4 inch concrete
 anchor screw in each corner
 of the base plate.

#### START FRAMING & SECURE SECOND POST



9) Insert the bottom support frame in the post channels, resting on brackets, as the measuring stick for the next post location.



10) Predrill concrete of next post.



11) Adjust leveling knobs. Secure to concrete with anchor screws.

#### INFILL BOARDS & FINISH FRAMING



12) Infill the boards by following the Model Stacking Order on page 2.



13) Insert top board cap down through the post channels, tap down with mallet.



14) Slide bracket in post. 15) Fit short leg of bracket Use the inner slot. short side down.



down behind the top board cap.

#### SECURE & FINISH POST INSTALL



16) Secure brackets with Hexagon screws.



17) Replace channel covers through any unused post channels. Use outer slot, hole side down, secure with Hexagon screw in hole.

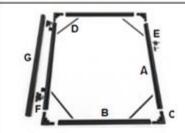


18) Replace pressure fit post caps. Tap down with mallet.

#### **NEXT POST**

Secure the base plate to the next post. Secure the bottom brackets to that post. Then use the bottom support frame as the measuring stick for the next post's exact location. Repeat.

#### **Gate Frame Parts List**



Α	Frame Height
В	Frame Width
C	Frame Corner
D	Squaring Angel
E	Latch Set
F	J-Bolt Hinge Set
G	Gap Cover

### Infinity Euro Adjustable Gate Frame Kit Installation Instructions









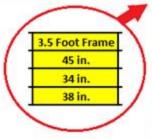




**GATE FRAME WIDTH CHART** 

Width Measurements	5 Foot Frame	4 Foot Frame	3.5 Foot Frame	3 Foot Frame
Post - Post	63 in.	51 in.	45 in.	39 in.
Gate Frame Width Cut	No Cut	40 in.	34 in.	28 in.
Fence Board Cut	56 in.	44 in.	38 in.	32 in.

#### > GATE POSTS



Decide the gate width according to the Gate Frame Width Chart.
 (pictured above)



2) Mark the next post according to the post - post chart row. Dig hole, add gravel.



3) Install a heavy duty gate post as the weight bearing post. Use 120 lbs of concrete. Level post.

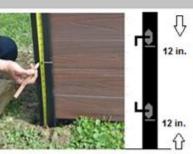


4) Keep checking the top of post - post measurement and the bottom post - post measurement. LET IT DRY!

#### > J-BOLT HINGES



 Mark a pencil line on the gate swinging side of the heavy duty gate post, 12 inches from top of post.



6) Mark a 2nd pencil line on the same side of that post 12 inches up from the ground.



7) Hold the <u>J-bolt hinges</u> above lines, squared to post. The top <u>J-bolt</u> should point down.

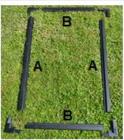


8) The bottom <u>J-bolt</u> should point up. Secure hinges with Hexagon screws.

#### CONSTRUCT GATE ON GROUND



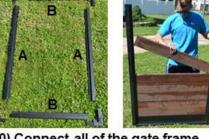
9) Cut gate frame part B and fence boards according to the: gate frame width cut & fence board cut, chart rows. \*\* 4 Foot Tall Gate: Cut 24" off part A\*\*



10) Connect all of the gate frame parts while infilling the desired fence boards or according to the Model Charts below.



11) Tap corners tight with mallet. Attach all 4 squaring angles to the inside corners of gate with small Hexagon screws.



6 Foot High	Estate Model
Composite Boards	3
Aluminum Board	1
Composite Boards	9

6 Foot High	All other Models
Aluminum Boards	3
<b>Composite Boards</b>	9
Aluminum Board	1

4 Foot High	Estate Model	All other Models
Aluminum Board	1	1
Composite Boards	7	6
Aluminum Board	7722	1

#### HANG GATE



12) Hold completed gate up flush to both post tops.



13) Slide hinge brackets over gate frame side, then cover over J-bolt.



14) Pre-drill & secure top hinge bracket with Hexagon screws.



15) Pre-drill & secure bottom hinge bracket with Hexagon screws.

#### LATCH SET, HANDLE & GAP COVER



16) Attach striker bar to gate on the swinging side of the fence.



17) Attach latch to post to close gate.



18) Attach gap cover to the non-swinging side of gate post to cover hinge gap.



19) Attach handle to the metal frame of gate.



#### Infinity Euro Style Composite Fencing Install Instructions

#### Sloped Terrain

\*\*If your yard is not completely flat and has sloped terrain, please refer to the following:

#### **Determining Slope**

Before you purchase or gather materials to build a fence, take the time to determine the slope of your yard. Stake out the end points along the perimeter of your fence. Tie mason line in between the two points. Instruments such as a water level or a transit help you determine if the line between the two points is level. You may need to run mason line between more than two points if the slope is extra steep to get an accurate reading.

Height Uphill Stake

Level String

Downhill Stake

#### Sloped Properties

There are 4 ways to deal with sloped ground when building a fence.

- The first option is to grade the slope. Grading a slope involves cutting, digging and re-directing the land so that it is level. However, this process may not fit your budget or schedule, as it is time consuming and costly.
- The second option is to step build your fence so that it follows the slope of your property, leaving gaps between ground and bottom of fence.\*
- The third option is to rack the fence so that if follows the slope of your property, leaving no gaps in between the ground and bottom of the fence.
- The fourth option is to run the tops of the fences straight, so each section is lined up with each other, leaving gaps at the bottom.\*
- \* Maximum height of 78 in. from ground to post top.

#### Stepped Fencing

Stepped fences are best-suited for properties built on very steep hills. Each of the sections are installed parallel to the next, following the rise and run of the slope. However, this stepping structure leaves gaps between the ground and the bottom of the fence. While aesthetically pleasing, stepped fencing is not practical for those who need fencing to contain animals keep critters out of their garden or landscape.



#### **Racked Fencing**

Racked fencing does not end up with gaps at the bottom, like a stepped fencing. Keep in mind when ordering materials that trimming the components at angles will shorten the fence section, adding on extra materials. Although racking is more time-consuming to assemble, it is easier to conform to the rise and run of your slope. This type of fencing is best for people with steep yards, who want to contain pets or keep animals out.



#### Straight Top Fencing

Straight top fencing does end up with gaps at the bottom, but the tops of each fence section are in line with each other. This style will not contain pets or keep animals out. Straight top style is great for long perimeter runs on open land, house developments or business properties.



For questions or more information please visit www.jewettcameron.com



#### Infinity Style Fencing - FAQs

- What materials is the Infinity style fence made up of? The framework is powder coated aluminum, the in-fill between the posts can also be aluminum, acrylic, or wood-polymer composites, or combinations, depending on the style you choose.
- 2) Are there multiple kinds of posts to buy? For all "in-line", "ends", "corners", or "t" uses, the post is the same "multil-purpose" post. 3 sides have channels for stacking "in-fill". The sides not used are covered with "channel covers" for a clean look. The 4th side is the "show side" and has no channel. "There is also a heavy duty Gate Post to hang your gate from. This gate post only comes in 8' long and is used in tandem with our adjustable Gate Frame Kit.
- 3) Can I install this Infinity style in the ground like a regular privacy fence? You sure can! Use the 8' long multi-purpose posts with 2 feet in the ground for the 6 ft. tall fence or the 6 ft. long post for the 4 ft. tall fence. Follow the simple install instructions found at www.lowes.com . Infinity style fencing can also be surface mounted on a Patio or low level deck.
- 4) What are my color choices? While the aluminum is all "flat black", the composite board parts of Infinity style fencing come in 3 "multi-chromatic" color families. They are BLACK ROSE', OXFORD GREY, and KING CEDAR. All three are randomly streaked with black so the contrast with the black framework is stunning.
- 5) When they say the boards are "T & G", what do they mean?" T & G" means "tongue in groove". It is an old lumberman's term that has its roots in cabin siding, porch flooring, and other traditional wood uses. One edge of every piece has a protruding tongue while the opposite edge has a receiving groove. This milling design results in unified strength that square edge boards could not achieve. Please note that even the aluminum accent boards are the same "T & G" design and work in tandem with the composite.
- 6) My yard slopes a little bit, how will I deal with the slope? Gradual slope is dealt with the same way you would install the typical vinyl fence panel, you would employ the "step" method. The framework and in-fill are always "level" and the sections are "stepped up" or down these gradual slopes. Please see our "Infinity on sloped terrain" install instructions at www.lowes.com.
- 7) How much maintenance does the Infinity fence require? Infinity style fencing is a low maintenance product. There is no painting or staining of the composite boards or aluminum components. The fence can be washed with a garden hose to rid of dirt, dust, pollen, etc.
- 8) Can I install Infinity style fencing on a deck? Yes, as long as the deck is 30" or lower in height. Predrill lag bolt holes through wood, and secure underneath deck with washers and nuts.
- 9) Will my Infinity style fade or lose color over time? Fading is very minimal when using Infinity style fencing. Comparing to a composite deck in direct sunlight that will fade up to 25%, the composite boards will fade roughly up to 4% over its life depending on sunlight exposure.
- 10) Can I use the Infinity style fencing for a driveway gate? Yes you can use two Adjustable Gate Frame Kits to make a driveway gate. Maximum width of the driveway gate is 10ft. (Drop rod/wheel support not included in Adjustable Gate Frame Kit)
- 11) Do I have to buy the exact Infinity fence styles that Lowe's is offering, or can I custom design my own? Yes, you can choose to custom design your Infinity style fence any way you will like. All components are interchangeable and can be arranged in any order.



## I. ESTATE MODEL





# II. BLACK TOP MODEL



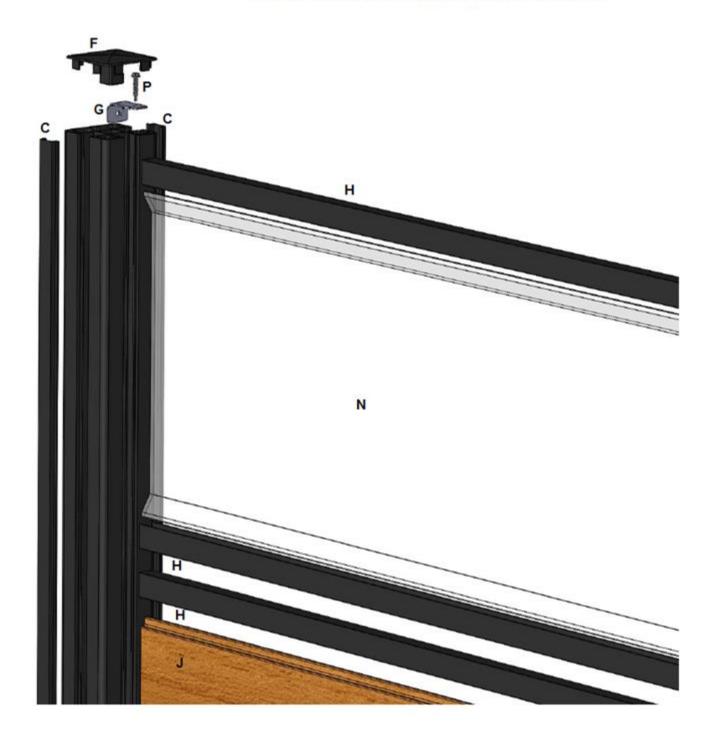


# III. LATTICE TOP MODEL



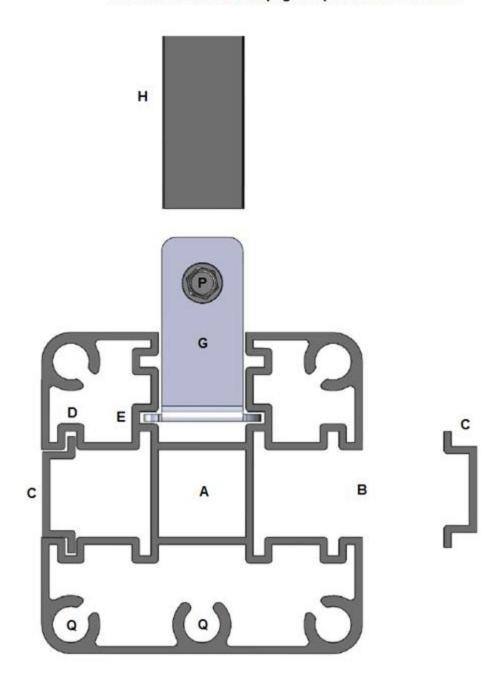


# M. ACRYLIC TOP MODEL





### MULTI-PURPOSE POST AERIAL VIEW

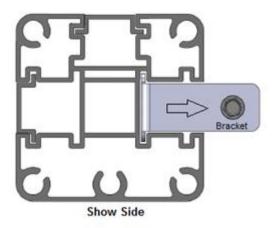




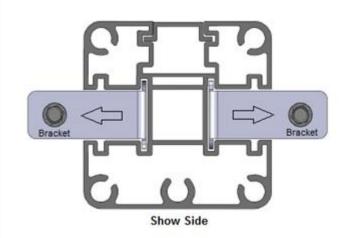
### MULTI-PURPOSE POST ORIENTATION - AREIAL VIEW

# Questions? 800-955-2879

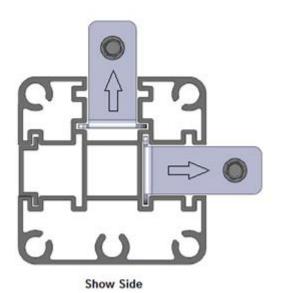
### **END POST**



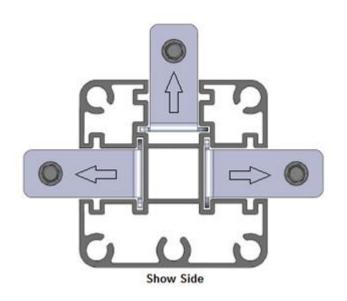
LINE POST



**CORNER POST** 



T - POST





### Post & Gate Kits

For Surf	sce Mount on a Patio or Low	Deck	For install 2 ft. in the gro	ound
EF 20108	4 ft. Post Kit Surface Mount, includes 2- Channel Covers, Post Cap, Base Plate, and screws	EF 20408	6 ft. Post Kit Gound Install, includes 2- Channel Covers and Post Cap	

#### 4 Foot High

### 6 Foot High

POI SUI	face Mount on a Patio or Low De		For install 2 ft. in the gro	ound
EF 21408	6 ft. Post Kit Surface Mount, includes 2- Channel Covers, Post Cap, Base Plate, and screws	EF 20508	8 ft. Post Kit Gound Install, includes 2- Channel Covers and Post Cap	

		<b>Heavy Duty Gat</b>	e Posts and Fra	mes	
Gate	Hanging and Late	h Post Kits	A	djustable Gate F	rame Kits
EF 62508	8 ft. Heavy Duty Gate Post Kit, includes channel cover and Post Cap		EF 60408	Steel Gate Frame Kit, Adjustable Height & Width, includes hinges, latch, and Handle	,

#### **Adjustable Gate**



### Infill & Framing Kits

#### Framing



6 ft. Horizontal Tongue & Groove Boards

#### 5 in. x 71 in. 5 in. x 71 in. Black Rose Oxford Grey EF 00200 EF 00202 Tongue & Tongue & Groove Groove Composite Composite Fence Board Fence Board 5 in. x 71 in. King Cedar 5 in. x 72 in. EF 00308 EF 00201 Tongue & Black Groove Aluminum

Fence Board

Composite

Fence Board

#### **Fence Boards**

		Acrylic and/or	Lattice Top Kit	s	
	Acrylic Top Kit			Lattice Top k	Git
EF 51309	6 ft. Acrylic Top Kit includes 2 Top Board Caps		EF 50308	6 ft. Lattice Top Kit includes 2 Top Board Caps	

#### **Toppers**