U-CARA®
MODULAR SYSTEM

ASSEMBLY GUIDE

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TOOLS

SAFETY GLASSES
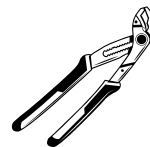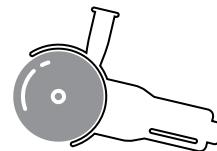

9/16" WRENCH
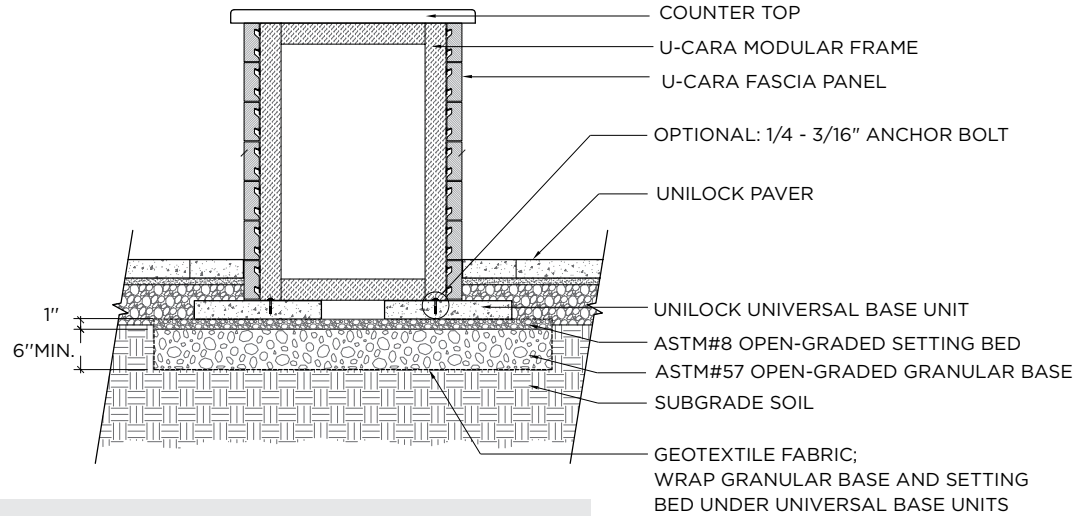

8" DRILL BIT EXTENDER

GLOVES

PLIERS

ANGLE GRINDER
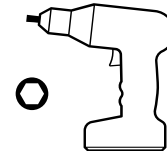
DRILL + 5/16" HEX BIT

HEARING PROTECTION

BASE OPTIONS
GRANULAR

COUNTER TOP

U-CARA MODULAR FRAME

U-CARA FASCIA PANEL

OPTIONAL: 1/4 - 3/16″ ANCHOR BOLT

UNILOCK PAVER

UNILOCK UNIVERSAL BASE UNIT

ASTM#8 OPEN-GRADED SETTING BED

ASTM#57 OPEN-GRADED GRANULAR BASE

SUBGRADE SOIL

GEOTEXTILE FABRIC;
WRAP GRANULAR BASE AND SETTING
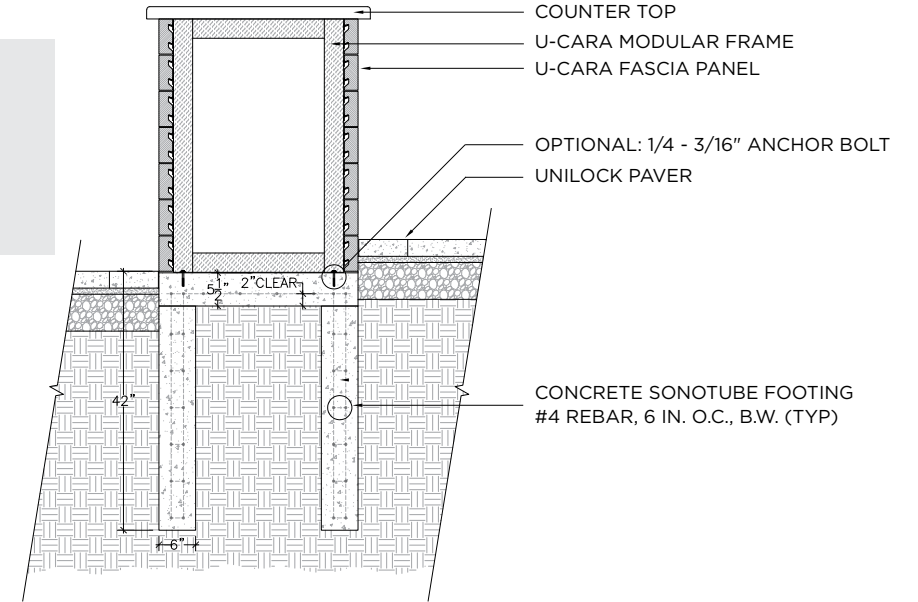BED UNDER UNIVERSAL BASE UNITS

1″

6″MIN.

☑ NOTE:

This base option is acceptable for standalone single units.
A poured-in-place slab is recommended if connecting
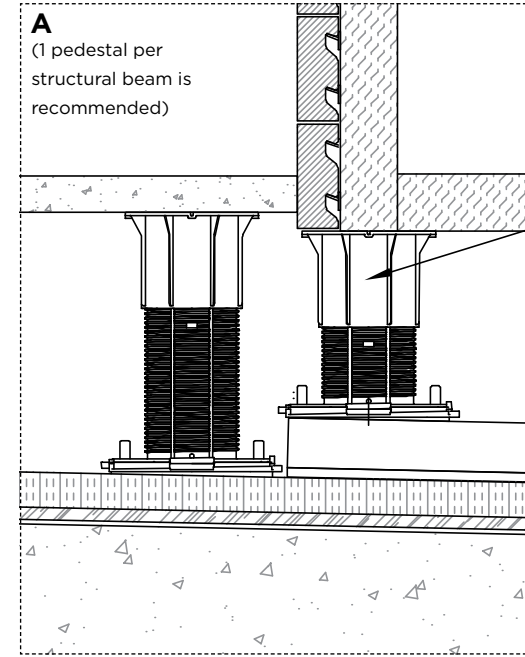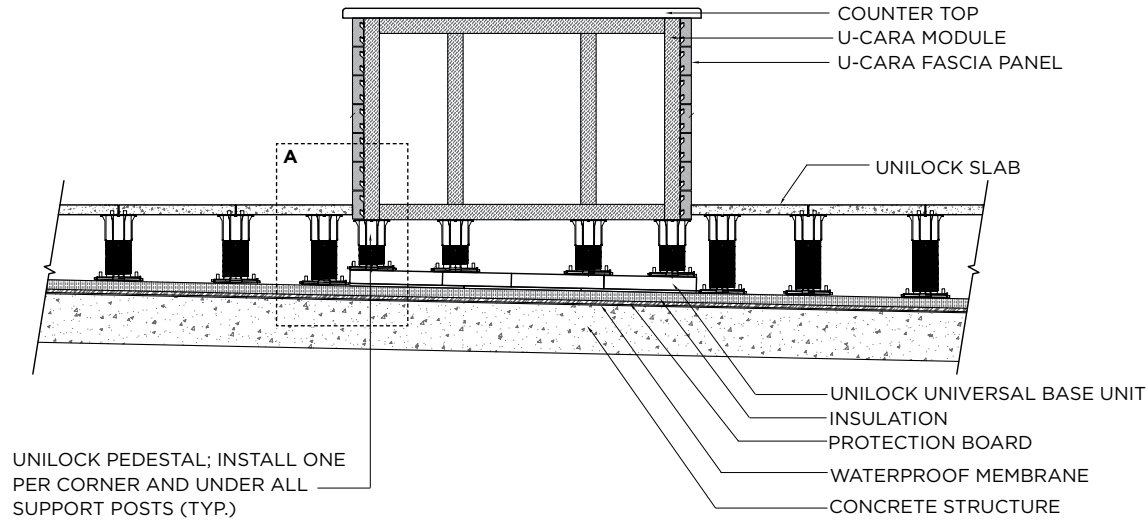multiple units.

4

CONCRETE SLAB

☑ NOTE:

When combining
multiple units,
a poured concrete
slab on a footing
is recommended.

COUNTER TOP

U-CARA MODULAR FRAME

U-CARA FASCIA PANEL

OPTIONAL: 1/4 - 3/16″ ANCHOR BOLT

UNILOCK PAVER

CONCRETE SONOTUBE FOOTING
#4 REBAR, 6 IN. O.C., B.W. (TYP)

5½″   2″CLEAR

42″

6″

5

BASE OPTIONS

ROOFTOP PEDESTAL (TYPICAL)

COUNTER TOP
U-CARA MODULE
U-CARA FASCIA PANEL

UNILOCK SLAB

A

UNILOCK UNIVERSAL BASE UNIT
INSULATION
PROTECTION BOARD
WATERPROOF MEMBRANE
CONCRETE STRUCTURE

UNILOCK PEDESTAL; INSTALL ONE
PER CORNER AND UNDER ALL
SUPPORT POSTS (TYP.)

A
(1 pedestal per
structural beam is
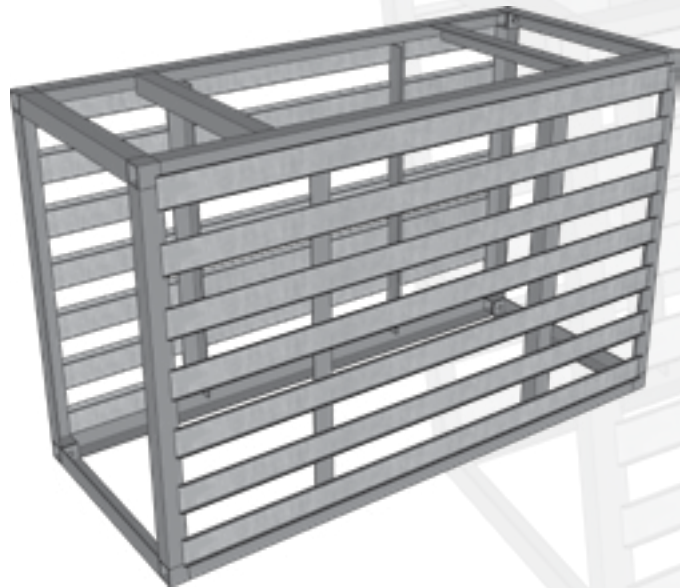recommended)

☑ **NOTE:**

**Always consult with project
engineer/architect for site specific details.**

Example for Standalone Modular Unit:
- Granite top with a total weight of 2,000 lbs
- 8 pedestals @ 250 lbs each or
  approx. 15.34 SQFT @ 130 lbs/SQFT
  (based on a 32″ x 69″ footprint)

BASE MODULE
SPECIFICATIONS

DIMENSIONS
32½″ x 69½″ (OUTSIDE TO OUTSIDE)

WEIGHT
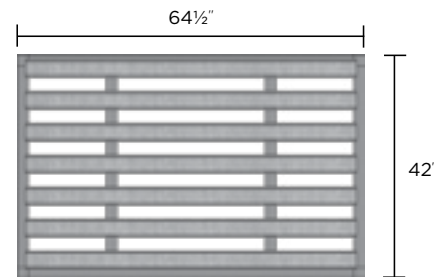WITHOUT END = 59 LBS
WITH END = 81 LBS

🗒 **NOTE:**
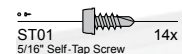Base module has 2 open ends (no rail) to accommodate connections.

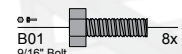## WHAT'S INCLUDED

ULBCP BASE MODULE PANEL   2x
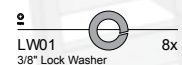

ULCS CONNECTING STRUT   4x

ST01 5/16″ Self-Tap Screw   14x

B01 9/16″ Bolt   8x

LW01 3/8″ Lock Washer   8x

ULHAR HORIZONTAL ADJUSTABLE RAIL   2x
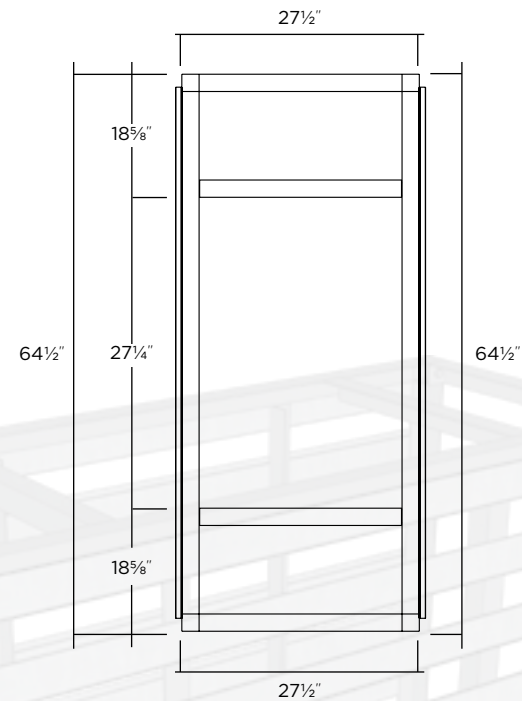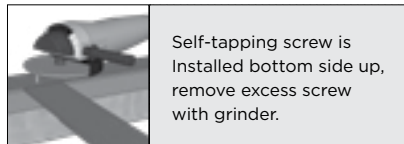
BASE MODULE

ASSEMBLY
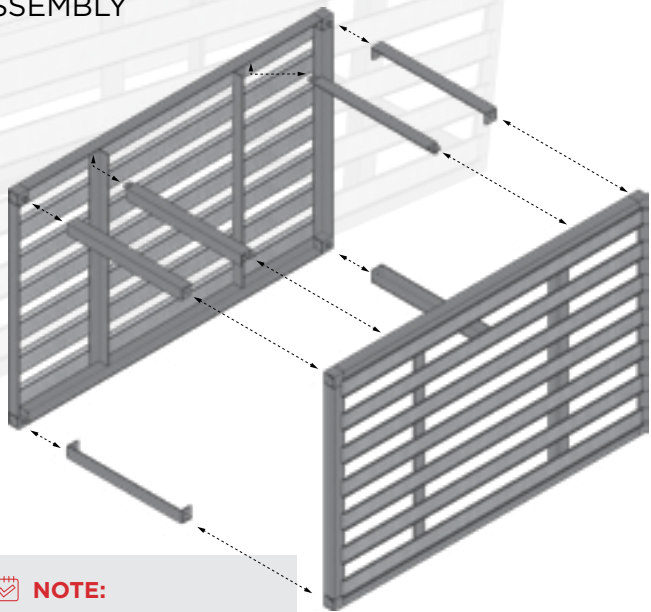
NOTE:

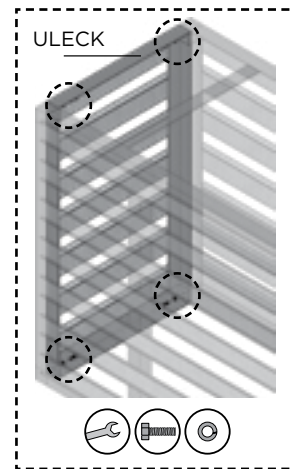If oversized stand-alone bar unit is desired, 2 End Clad Kits are required (UL-ECK-OS).

Self-tapping screw is Installed bottom side up, remove excess screw with grinder.
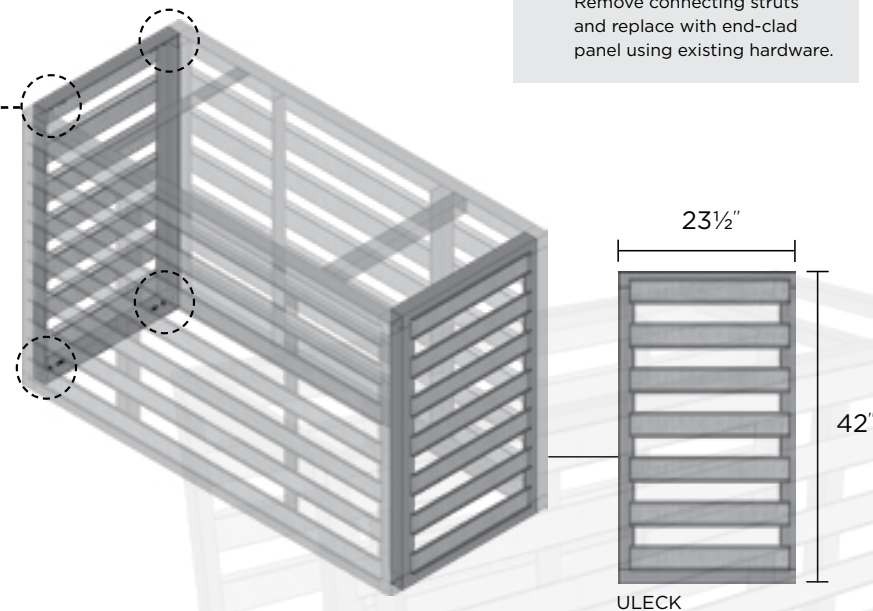
BASE MODULE

STAND-ALONE UNIT (WITH END-CLADDING)

ULECK

NOTE:

Remove connecting struts and replace with end-clad panel using existing hardware.

NOTE:

For stand-alone unit 2 end-clad kits (UL-ECK) are required.
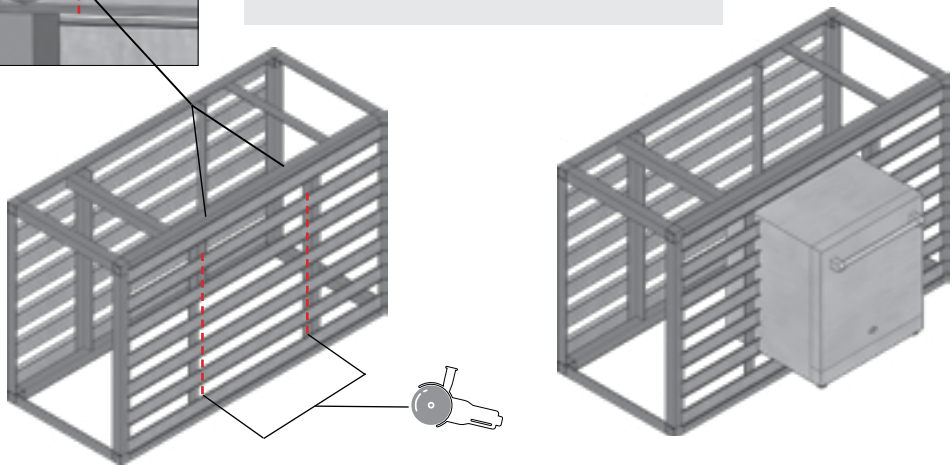
23½"

42"

ULECK

BASE MODULE
OUTDOOR FRIDGE CUT-OUT OPTION
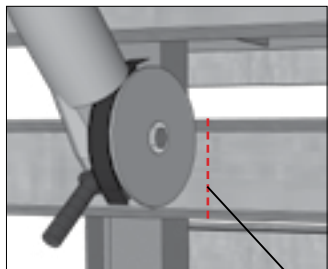
NOTE:

Cut opening to provide sufficient clearance for refrigerator. (24″-27″ wide). Top and bottom support beams should not be cut.
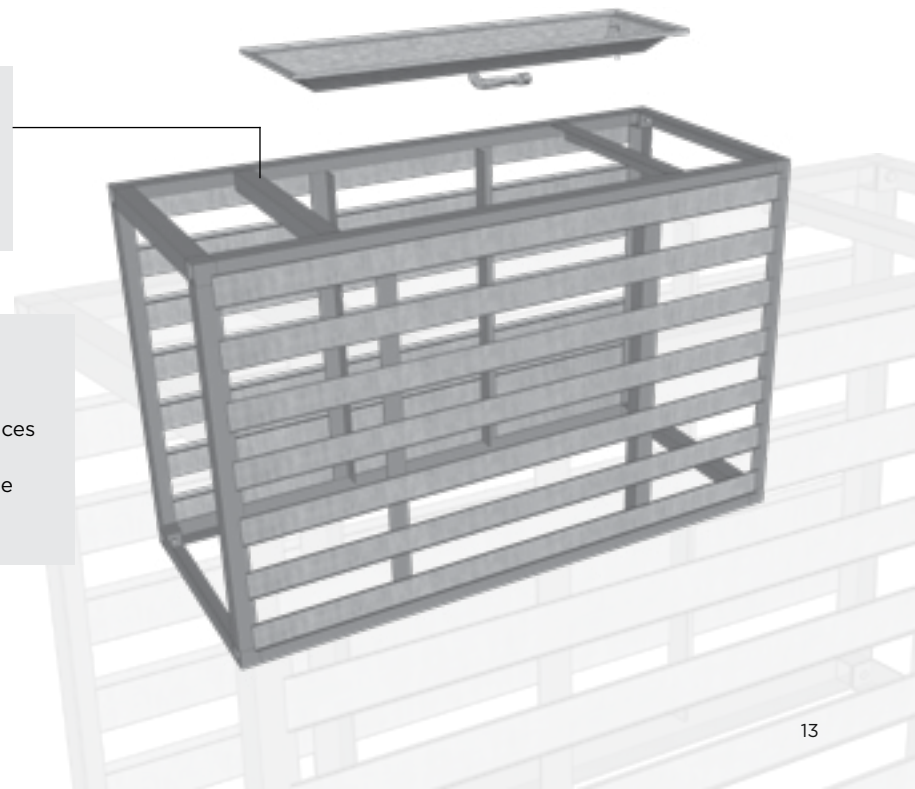

BASE MODULE
FIRE TABLE OPTION

NOTE:

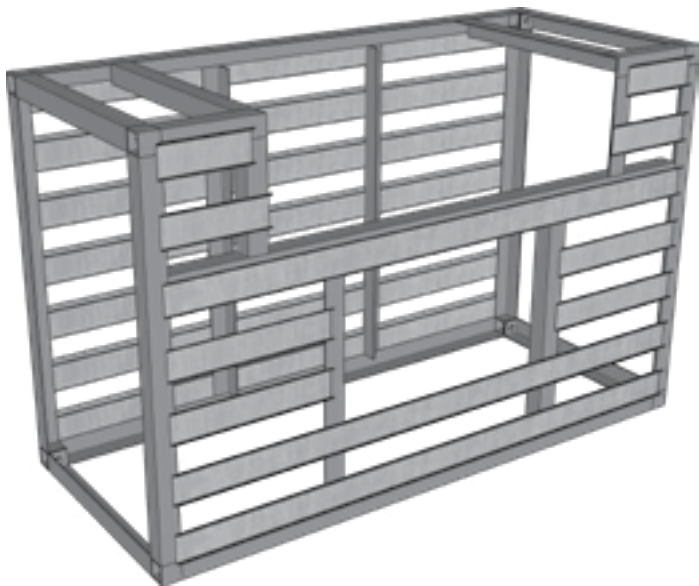Use adjustable rail to provide support for fire pan.

CAUTION:

Refer to manufacturer requirments for clearances and ventilation needed for Natural Gas/Propane burner insert.
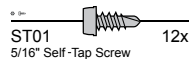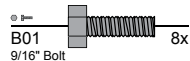
GRILL MODULE

SPECIFICATIONS

☑ NOTE:

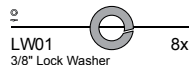Note: Grill Module has 2 open ends (no rail) to accommodate connections.

WHAT'S INCLUDED

ST01   12x
5/16" Self-Tap Screw

B01   8x
9/16" Bolt

LW01   8x
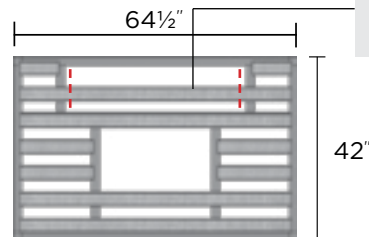3/8" Lock Washer

ULCS   4x
Connecting Strut

ULHAR   2x
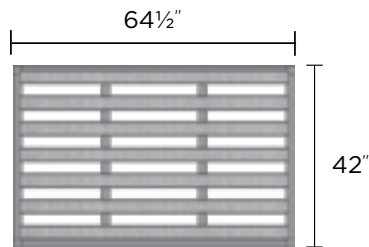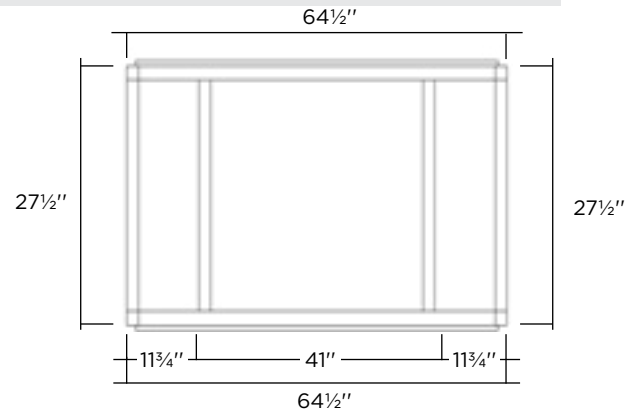Horizontal Adjustable Rail

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☑ NOTE:

Rail is removed by unscrewing the self-tapping screws to accommodate various grill head dimensions.

64½″   42″

FRONT PANEL   1 PC.
GRILL MODULE (ULGCFP)

64½″   42″

BACK PANEL   1 PC.
GRILL MODULE (ULGCFP)

64½″   27½″   27½″   11¾″   41″   11¾″   64½″

DIMENSIONS WITH FASCIA PANEL

32½″ x 69½″ (OUTSIDE TO OUTSIDE)

WEIGHT

WITHOUT END = 59 LBS
WITH END = 80 LBS
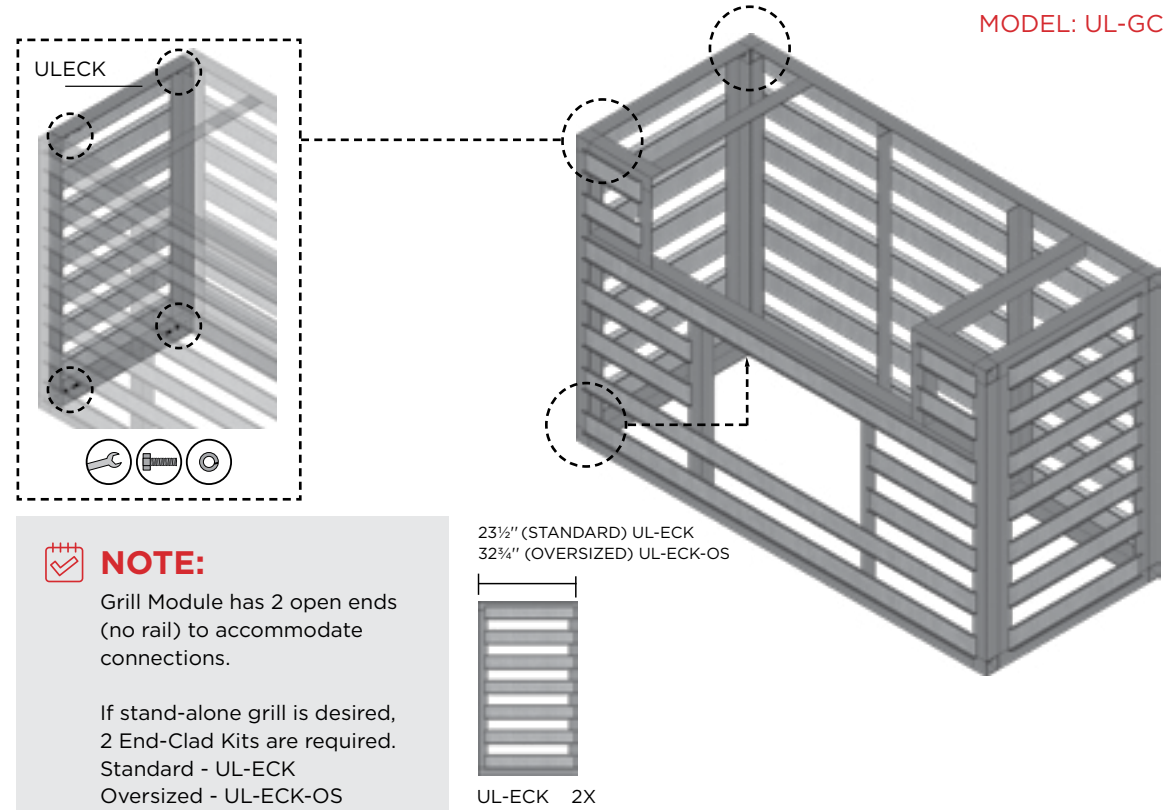
GRILL MODULE

ASSEMBLY - STANDARD WIDTH

ULGCBP

ULHAR

ULCS

ULCS

ULGCFP
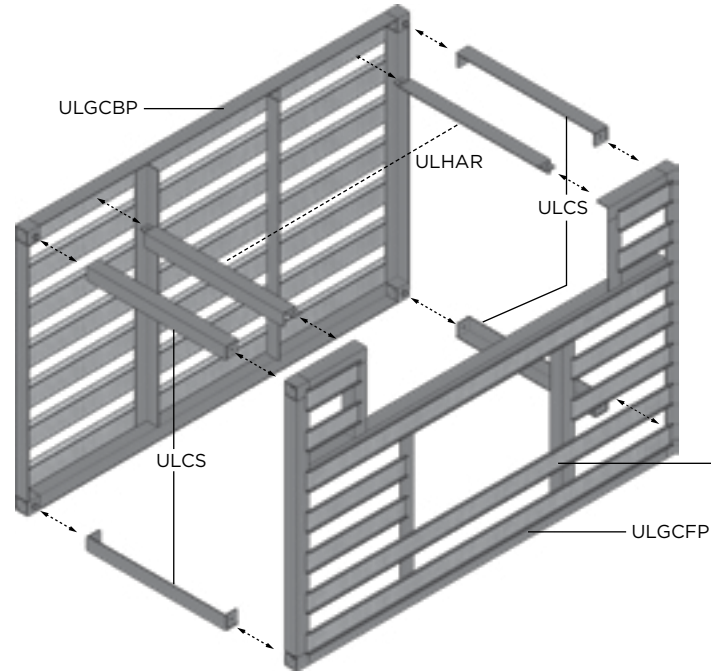
☑ NOTE:

Rough door opening:

17⅜" H x 27⁷⁄₁₆" W
U-Cara 27" stainless steel DBL door available to fit opening without metal modification.

ULECK

☑ NOTE:

Grill Module has 2 open ends (no rail) to accommodate connections.

If stand-alone grill is desired, 2 End-Clad Kits are required.
Standard - UL-ECK
Oversized - UL-ECK-OS

23½" (STANDARD) UL-ECK
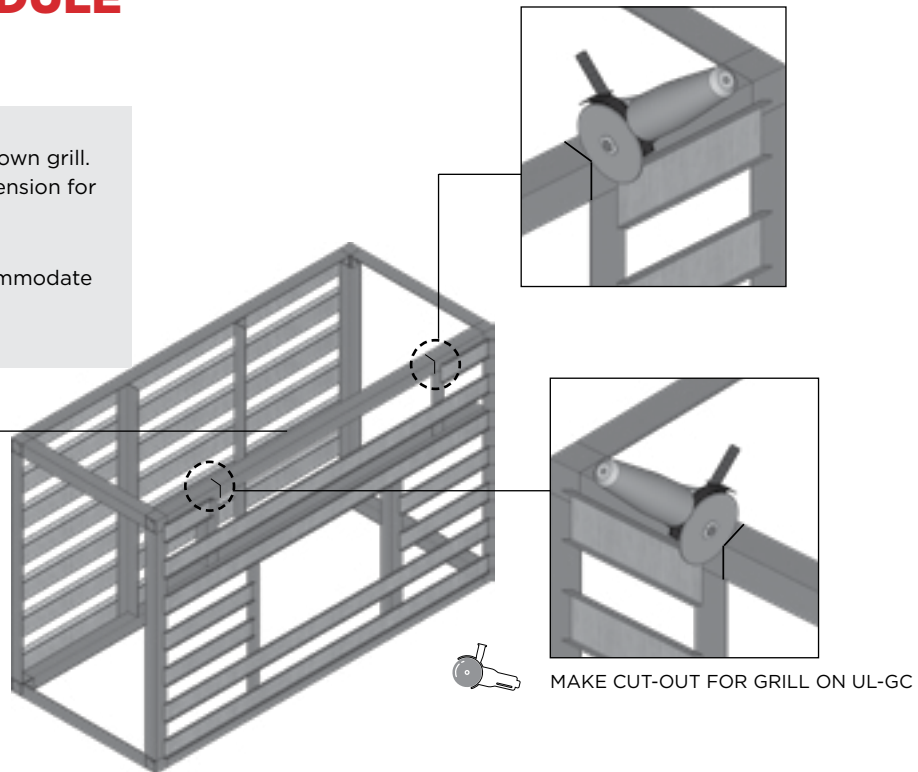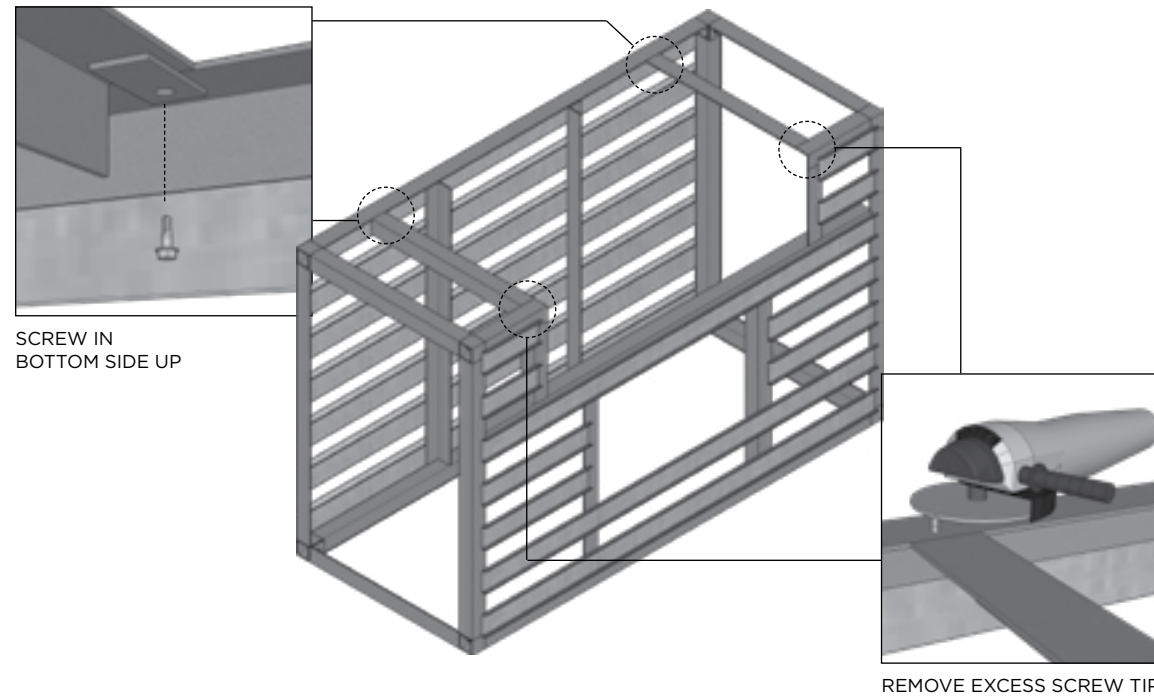32¾" (OVERSIZED) UL-ECK-OS

UL-ECK   2X

GRILL MODULE
GRILL CUT-OUT

Typical for 42″ drop down grill. Decrease cut-out dimension for smaller grills.

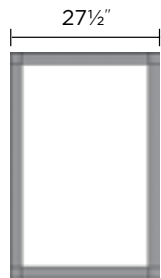Grill module can accommodate up to a 42″ grill.

MAKE CUT-OUT FOR GRILL ON UL-GC

SCREW IN BOTTOM SIDE UP
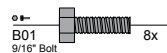

REMOVE EXCESS SCREW TIP

CORNER MODULE
STANDARD WIDTH

WHAT'S INCLUDED

27½"

ULCCBP 1X
CORNER MODULE
BACK PANEL

23½"

ULECP 1X
END-CLAD PANEL

27½"

ULCCFP 1X
CORNER MODULE
FRONT PANEL

B01 8x
9/16" Bolt

ST01 12x
5/16" Self-Tap Screw

ULCS 2x
Connecting Strut

LW01 8x
3/8" Lock Washer

27½"

WEIGHT
32 LBS

27½"

WHAT'S INCLUDED

32¾"
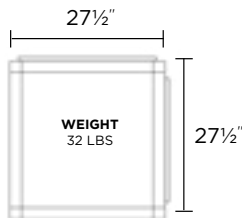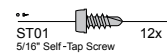
ULECPOS 1X
END-CLAD PANEL
OVERSIZED

27½"

ULCCBP 1X
CORNER MODULE
BACK PANEL

27½"

ULCCFP 1X
CORNER MODULE
FRONT PANEL

B01 8x
9/16" Bolt

ST01 12x
5/16" Self-Tap Screw

ULCS 2x
Connecting Strut

LW01 8x
3/8" Lock Washer
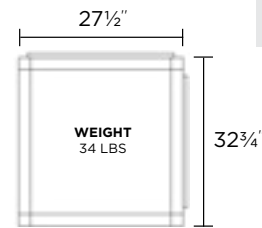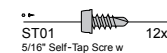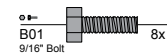
> **NOTE:**
> Oversized (OS) module will accommodate backsplash and or wider countertops.
>
> Can be used to extend the length of a base/grill module or to connect modules and change layout direction.

27½"

WEIGHT
34 LBS

32¾"

PILLAR MODULE
SPECIFICATIONS

14 ³⁄₈ ''

ULPUP   2x
End-Clad Panel

18 ³⁄₈ ''

ULPUECP14.375   2x
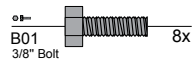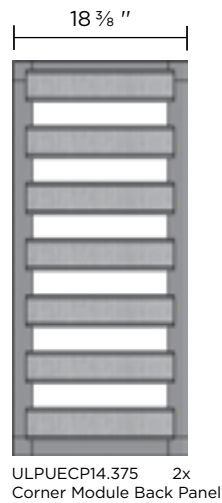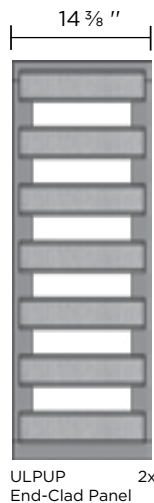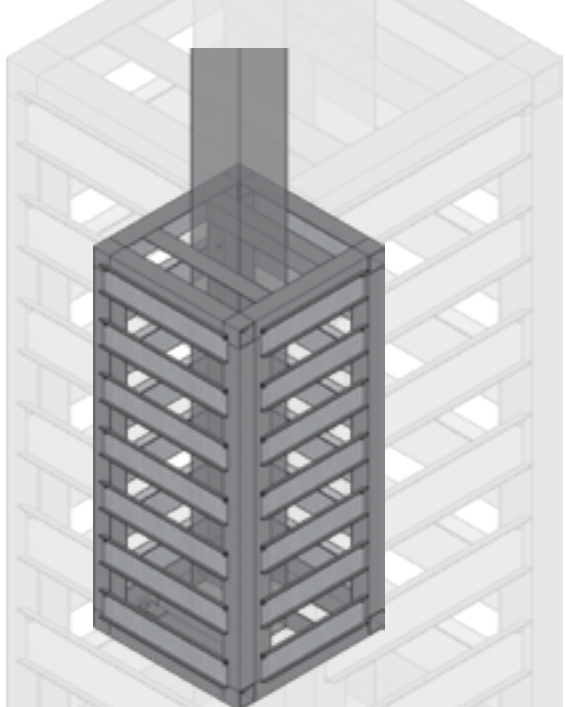Corner Module Back Panel

B01   8x
3/8" Bolt

ULHAR14.25   4x
Connecting Strut

ST01   14x
3/4" Self-Tap Screw

LW01   8x
Lock Washer

ULPUP

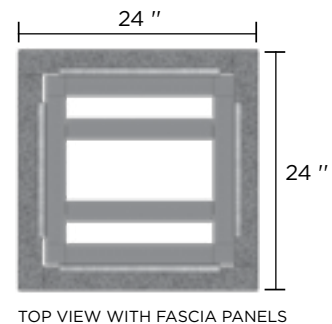ULPUECP 14.375

ULPUP

ULHAR 14.25

ULPUECP
14.375
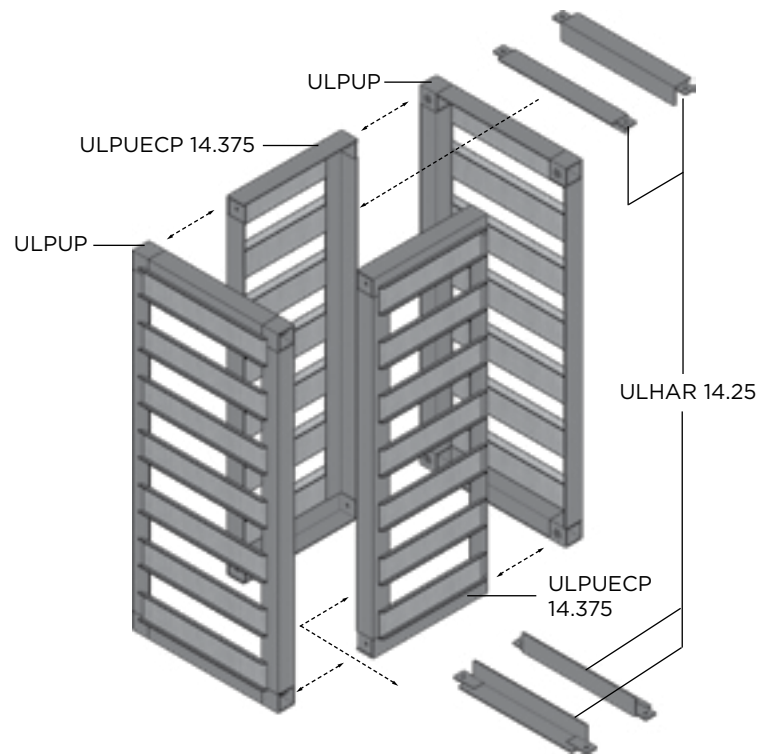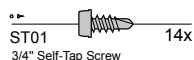
NOTE:
28" x 28" pillar cap required
if not wrapping post.

MODULE DIMENSIONS
18½" x 18½"

FASCIA PANEL MODULE DIMENSIONS
24" x 24"
(OUTSIDE TO OUTSIDE)
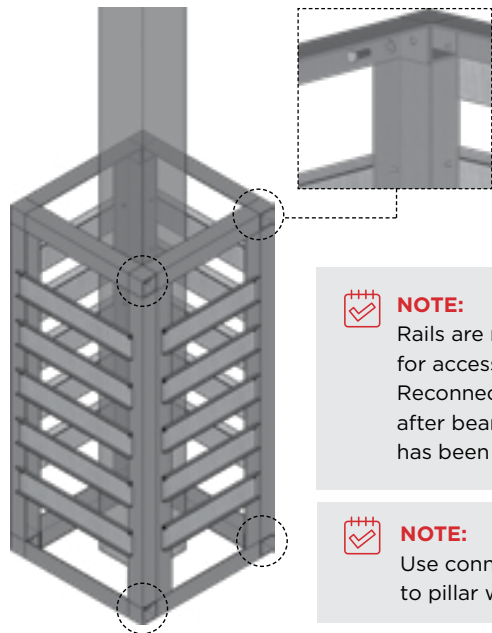
24 ''

24 ''

TOP VIEW WITH FASCIA PANELS

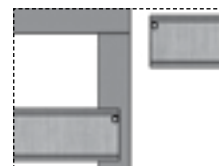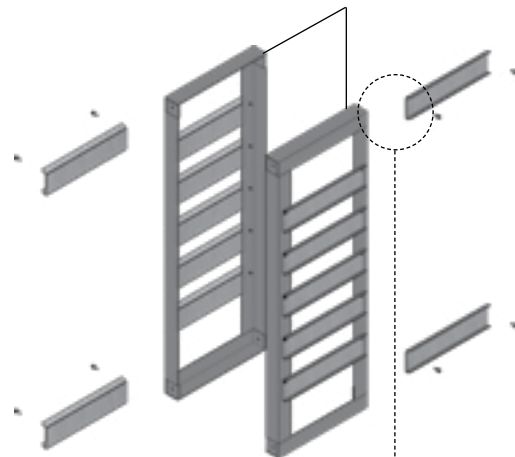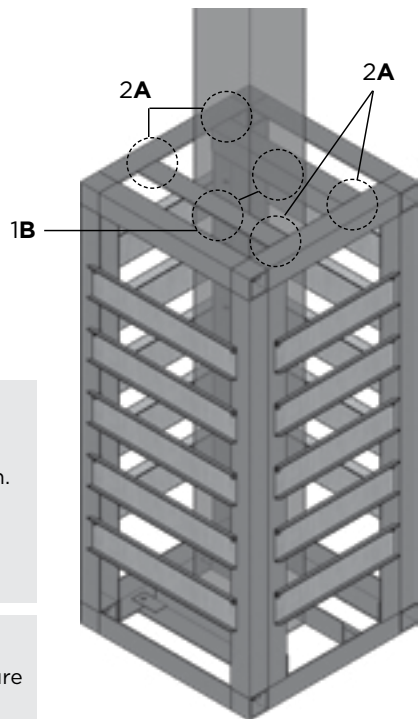# PILLAR MODULE
ASSEMBLY

2A

1B

2A

NOTE:
Rails are removed to allow for access for post connection. Reconnect removed rails after beam connection has been made.

NOTE:
Use connecting struts to secure to pillar with interior beam.
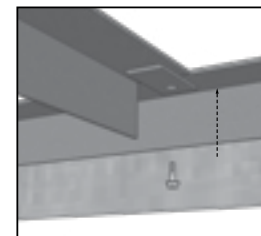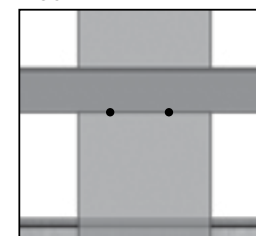
FIGURE 1**B**

FIGURE 2**A**

NOTE:
Only the large unit of the corner panel set is used to wrap the pillar module. Use the leftover half units for standard wall work.

REMOVE INDICATED PARTS AND LABEL FOR LATER INSTALLATION IN SAME LOCATION

NOTE:
Rails are removed to allow for access for post connection. Reconnect removed rails after beam connection has been made.

BACK CORNER

SPECIFICATIONS/ASSEMBLY

(Used to convert both Corner Module and Oversized Corner Module to a three-sided unit)
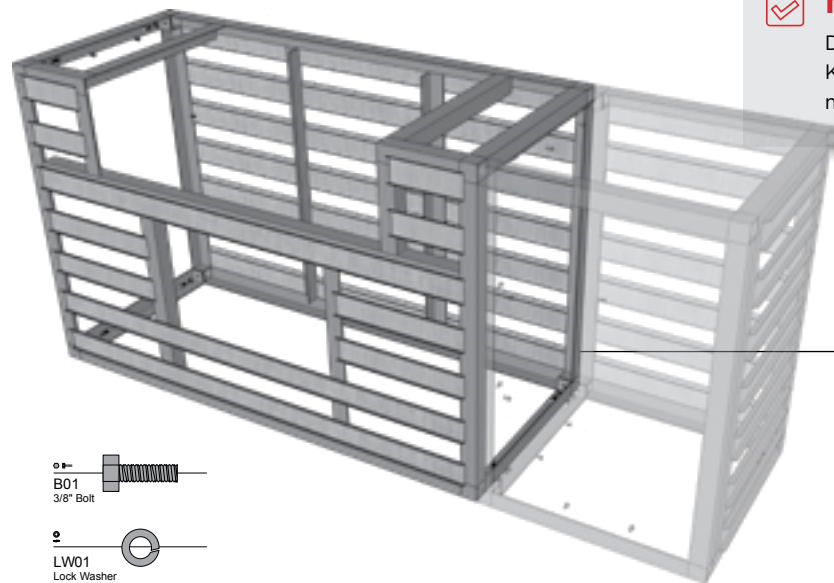
> ☑ **NOTE:**
>
> Do Not substitute End-Clad Kit as the connections will not match up to Corner Module.
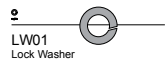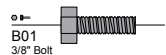
B01
3/8" Bolt

LW01
Lock Washer

ULCCBP   1X
CORNER MODULE BACK PANEL
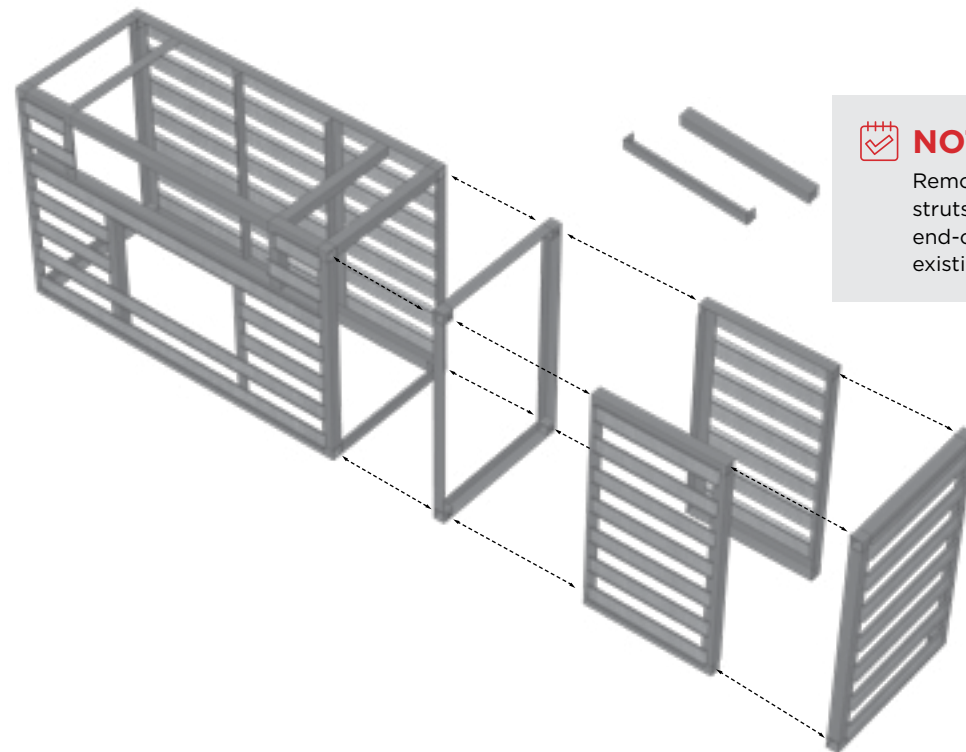
> ☑ **NOTE:**
>
> Remove connecting struts and replace with end-clad panel using existing hardware.

END-CLAD KIT

SPECIFICATIONS
(Used to convert base & grill module into stand-alone units)

STANDARD
23 ½ "

WEIGHT: 11 LBS

OVERSIZED
32¾ "

WEIGHT: 16 LBS

BACKSPLASH
SPECIFICATIONS

NOTE:
Backsplash Width = 10¼″ including thickness of front and back fascia panels.

WHAT'S INCLUDED

64½ ″

ST01
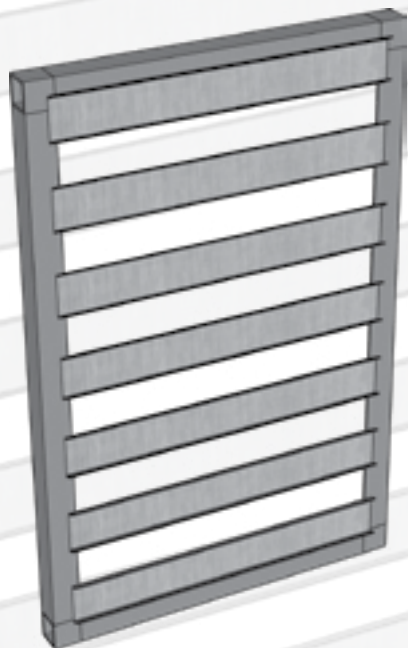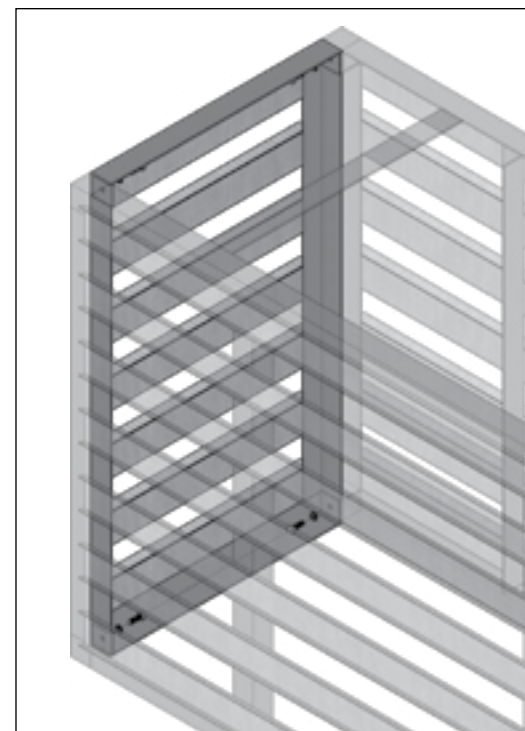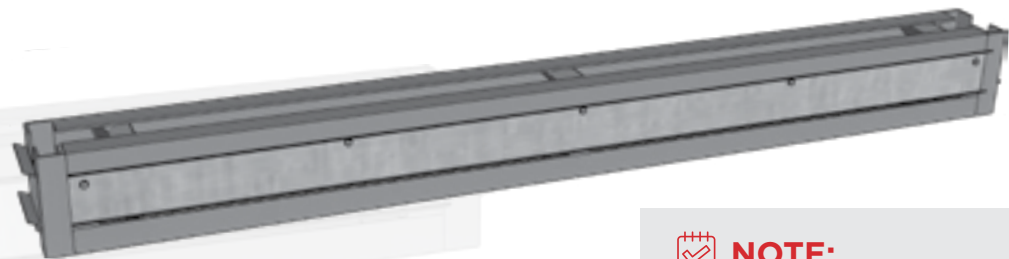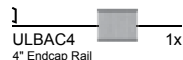5/16" Self-Tap Screw   14x

ULBAC4
4" Endcap Rail   1x
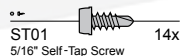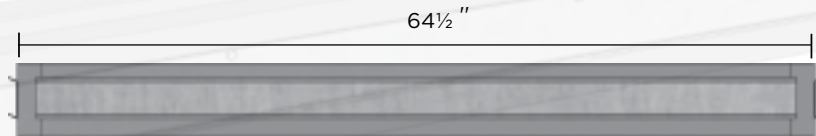
WEIGHT: 15 LBS

NOTES:

1. An additional end-cap rail has been provided so that you can finish the end of the blacksplash unit (if you are not extending or connecting to another unit).

2. Multiple units can be connected to each other or use included end rail to make a stand alone unit with 4 finished sides.

3. Each backsplash will accommodate 1 module per unit.

2.

USE ST01 TO CONNECT PARTS

1.

USE ST01 TO CONNECT PARTS

3.

15/16″

PLACE ULBAC4 15/16″ FROM TOP

BACKSPLASH CORNER
SPECIFICATIONS

STANDARD WIDTH

22½ "

ULBSXS   1x
Backsplash Wall - S

27 ½ "

ULCCBSS   1x
Backsplash Wall - S

OVERSIZED WIDTH

27½ "

ULCCBSS   1x
Backsplash Wall - S

31 ¾ "

ULCCBSOS   1x
Backsplash Wall - M

ST01   14x
5/16" Self-Tap Screw

ULBAC4   1x
4" Endcap Rail

STANDARD SIZE (ULCCBSS)
OR
OVER SIZE (ULCCBSOS)

ULBSXS

ULBAC3.5

ULBAC3.5

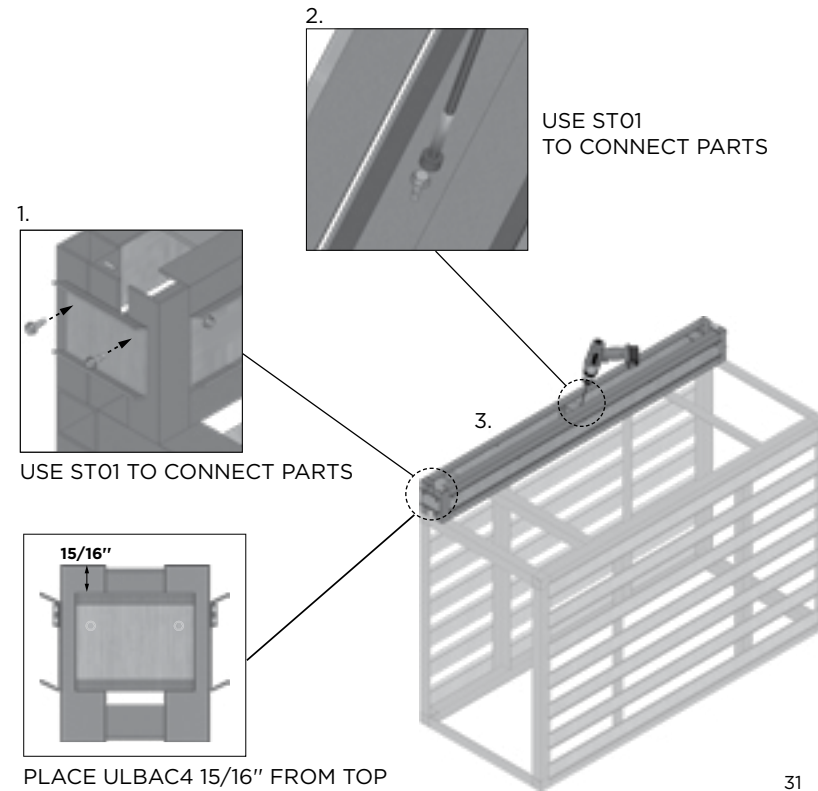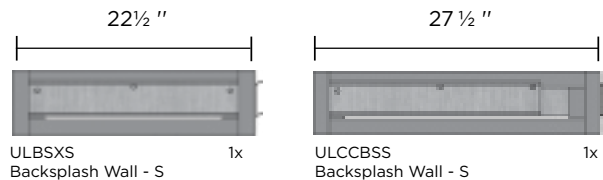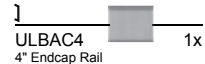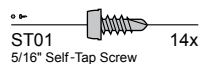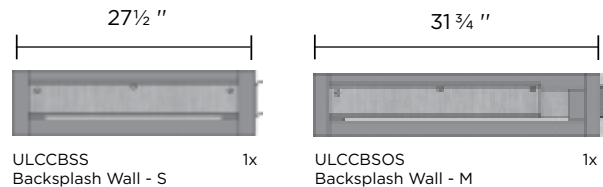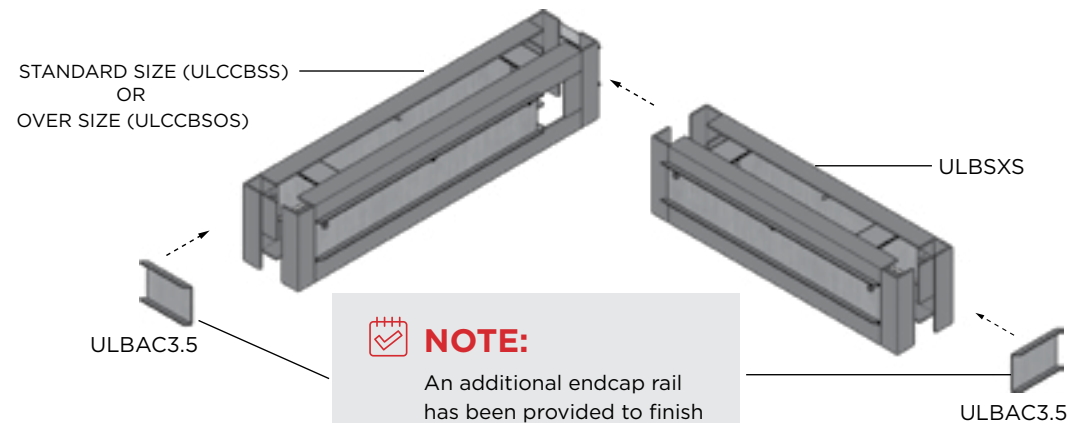### NOTE:

An additional endcap rail has been provided to finish the end of the backsplash unit (if you are not extending or connecting to another unit).

BACKSPLASH
ASSEMBLY

ULBSXS

USE ST01 TO CONNECT PARTS

USE ST01 TO CONNECT PARTS

15/16"

PLACE ULBAC3.5 15/16" FROM TOP

UL-CC-BS

UL-BS-L

UL-CC

UL-GC

CONNECTING MODULES

STEP BY STEP PROCESS
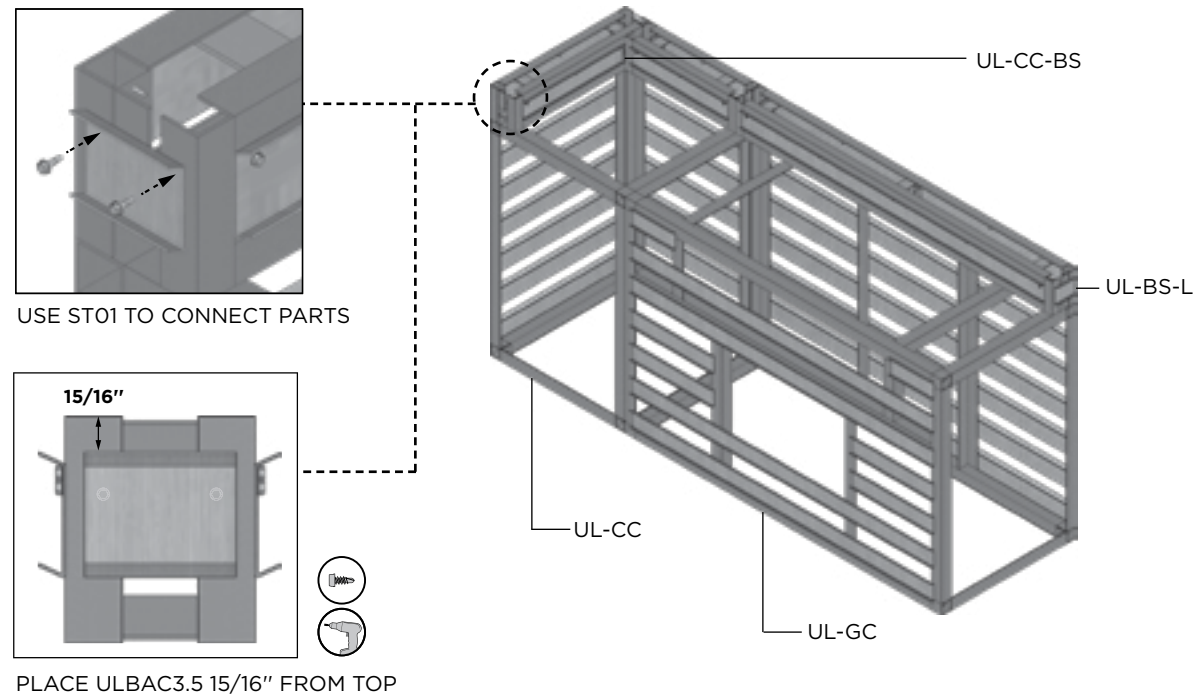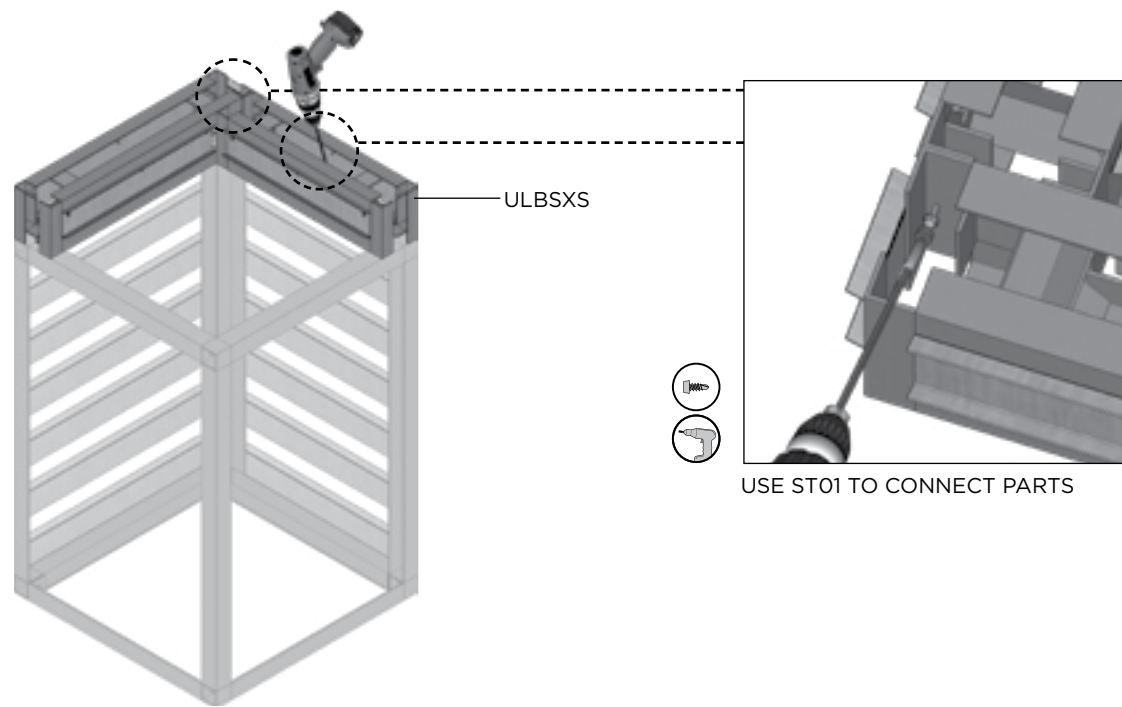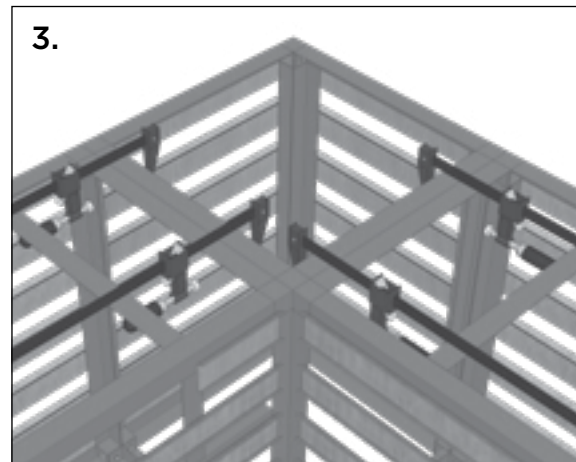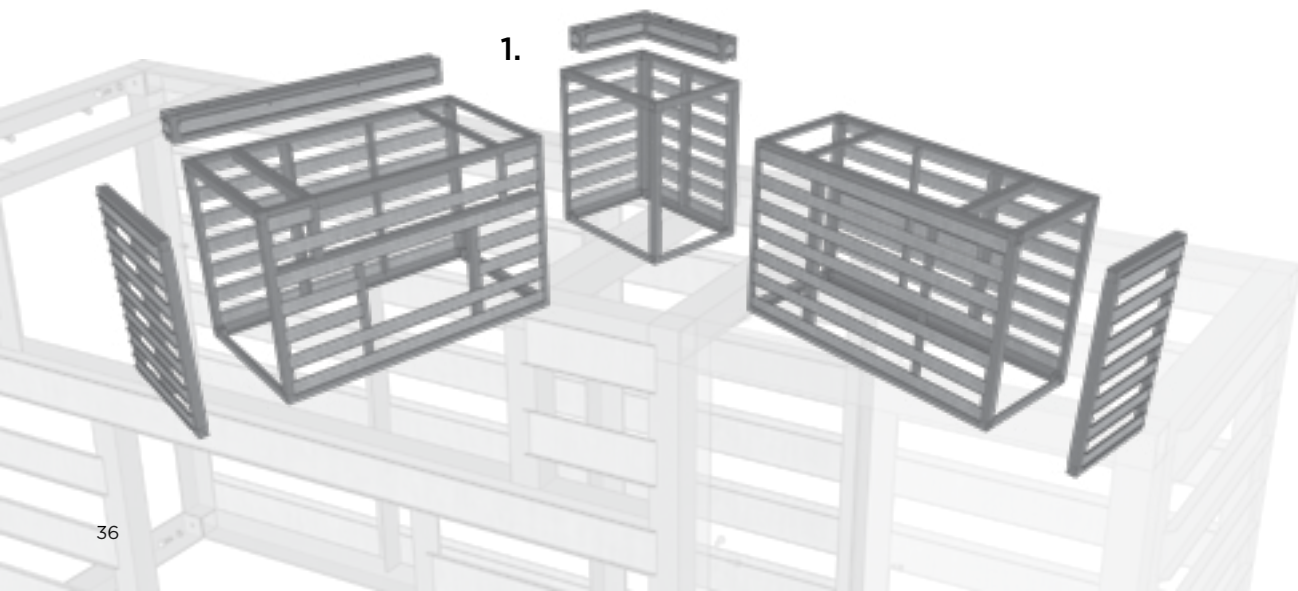
1. Fully assemble all individual modules prior to connecting.
2. Arrange the modules into the desired layout.
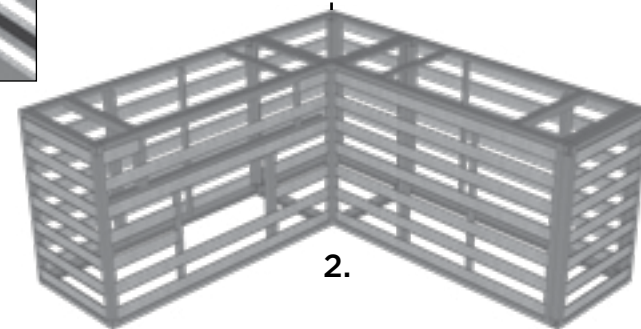3. Clamp adjoining modules and use included self-tapping screws to connect.

1.

3.

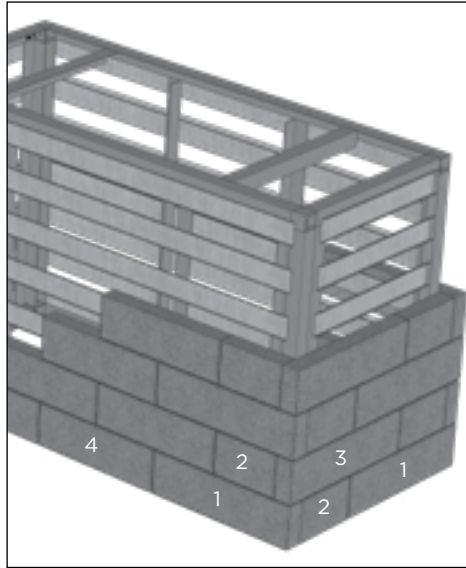
ST01
5/16" Self-Tap Screw   12x

NOTE:

When connecting several modules, additional cross bracing may be required to stabilize the frame.
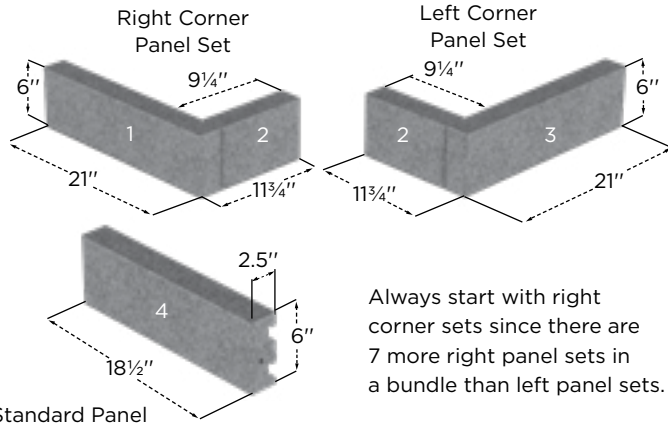
2.

MODULE DIMENSIONS
## CALCULATING OVERALL DIMENSIONS

NO-CUT PANEL LAYOUT

Fascia panels are approximately 2½″ thick. This width must be added to the aluminum frame dimensions for all visible sides. Example: 64½″ (Grill) + 27½″ (Corner Module) = 92″ Total Length 92″ + 5″ (2 Panel width) = 97″

Right Corner Panel Set

6″
9¼″
1   2
21″
11¾″

Left Corner Panel Set

9¼″
6″
2   3
11¾″
21″

Standard Panel

2.5″
4
6″
18½″

Always start with right corner sets since there are 7 more right panel sets in a bundle than left panel sets.

64½″
27½″
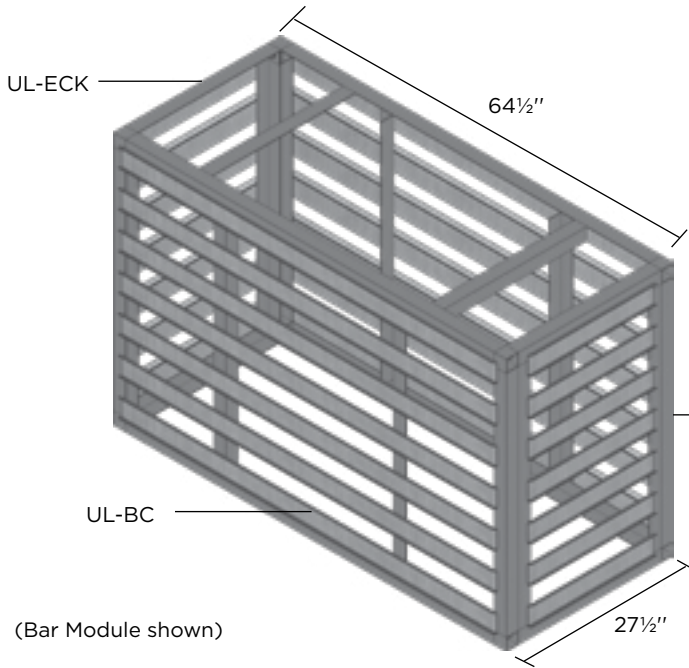Footprint of module with panels
97″
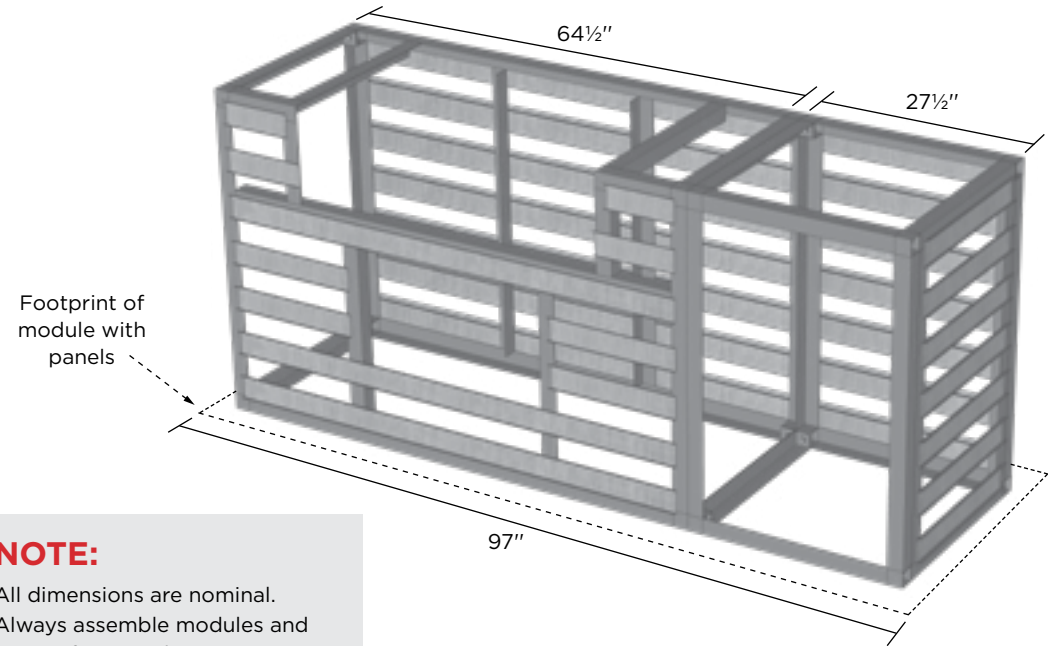
🗒 NOTE:

All dimensions are nominal. Always assemble modules and hang a few panels prior to finalizing footprint measurements.

STANDALONE BAR/FIRE TABLE

UL-ECK

64½"

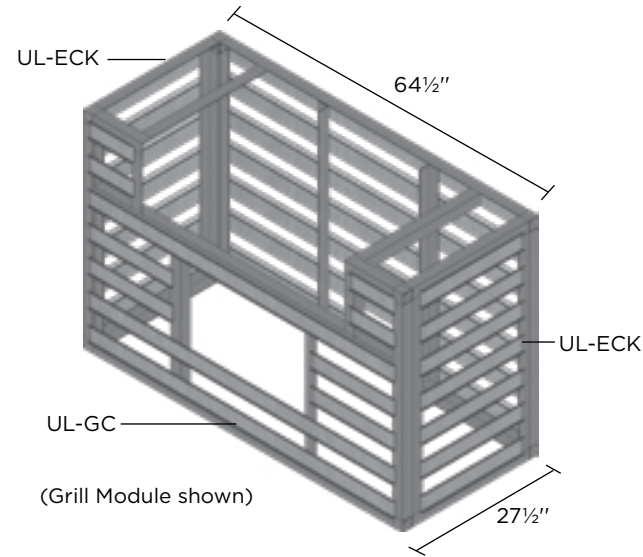UL-BC

27½"

(Bar Module shown)

U-CARA® MODULAR SYSTEM

(1) Base Module-UL-BC
(2) End Clad Kit-UL-ECK

U-CARA FASCIA PANELS

Standard Panels - 28
Corner Sets - 28

Quantities are estimated and may vary depending on modifications made to accommodate cut-outs/appliances. Contractor should field verify for accuracy.

40

UL-ECK

64½"

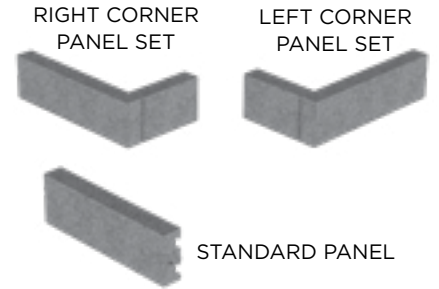UL-ECK

UL-GC

27½"

(Grill Module shown)

U-CARA® MODULAR SYSTEM

(1) Grill Module UL-GC
(2) End Clad Kit UL-ECK

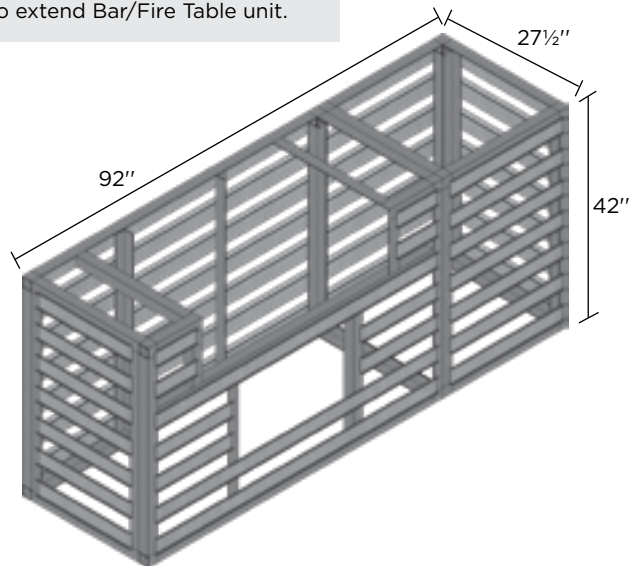**U-CARA FASCIA PANELS**

Standard Panels - 28
Corner Sets - 28

RIGHT CORNER PANEL SET

LEFT CORNER PANEL SET

STANDARD PANEL

41

EXTENDING MODULES
GRILL EXTENSION

🗒 **NOTE:**

Base Module can be substituted in place of Grill Module to extend Bar/Fire Table unit.

27½″

92″

42″

U-CARA MODULAR SYSTEM

(1) Grill Module UL-GC
(1) Corner Module UL-CC
(1) End Clad Kit UL-ECK
(1) Back End Panel UL-BP

U-CARA FASCIA PANELS

Standard Panels - 49
Corner Sets - 28

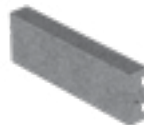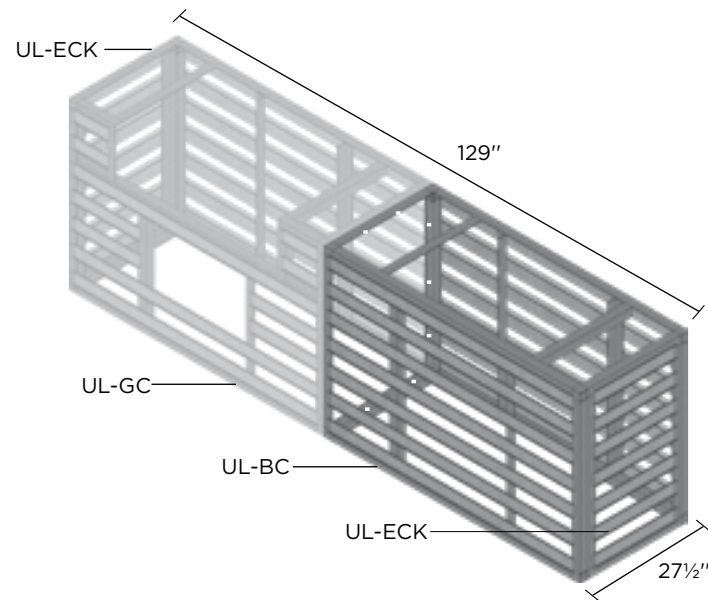RIGHT CORNER PANEL SET

LEFT CORNER PANEL SET

STANDARD PANEL

GRILL/BAR COMBO

UL-ECK

UL-GC

UL-BC

UL-ECK

129″

27½″

U-CARA® MODULAR SYSTEM

(1) Grill Module UL-GC
(1) Base Module UL-BC
(2) End Clad Kit UL-ECK

U-CARA FASCIA PANELS

Standard Panels - 56
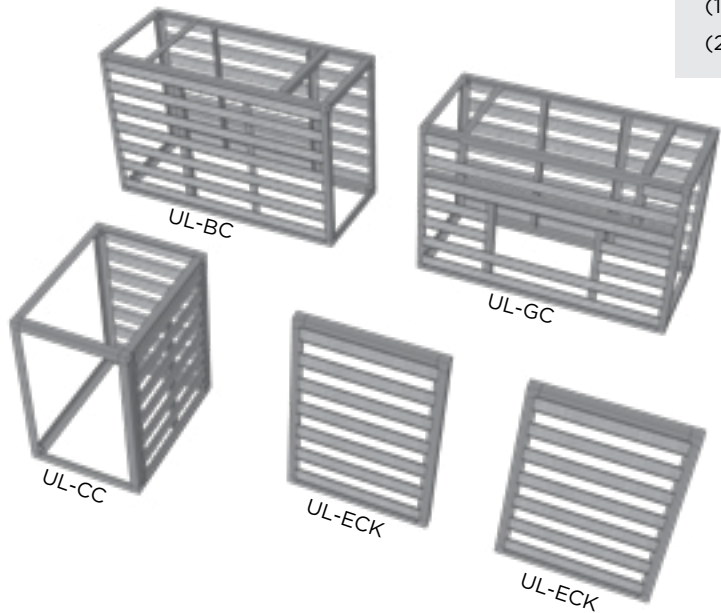Corner Sets - 28

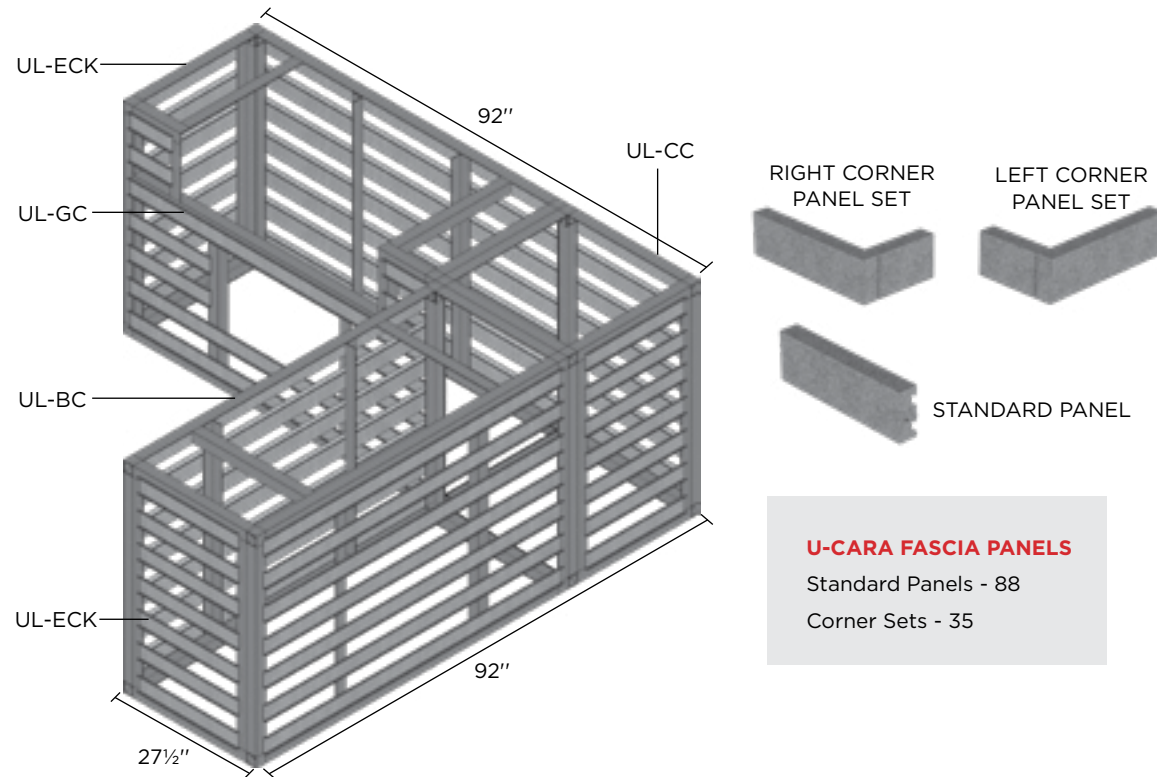RIGHT CORNER PANEL SET

LEFT CORNER PANEL SET

STANDARD PANEL

L-SHAPE KITCHEN

UL-BC

UL-GC

UL-CC

UL-ECK

UL-ECK

UL-ECK

UL-GC

UL-BC

UL-ECK

UL-CC

92''

92''

27½''

RIGHT CORNER PANEL SET

LEFT CORNER PANEL SET

STANDARD PANEL

U-CARA FASCIA PANELS

Standard Panels - 88
Corner Sets - 35

U-SHAPE KITCHEN

U-CARA® MODULAR SYSTEM

(2) Base Module UL-BC

(1) Grill Module UL-GC
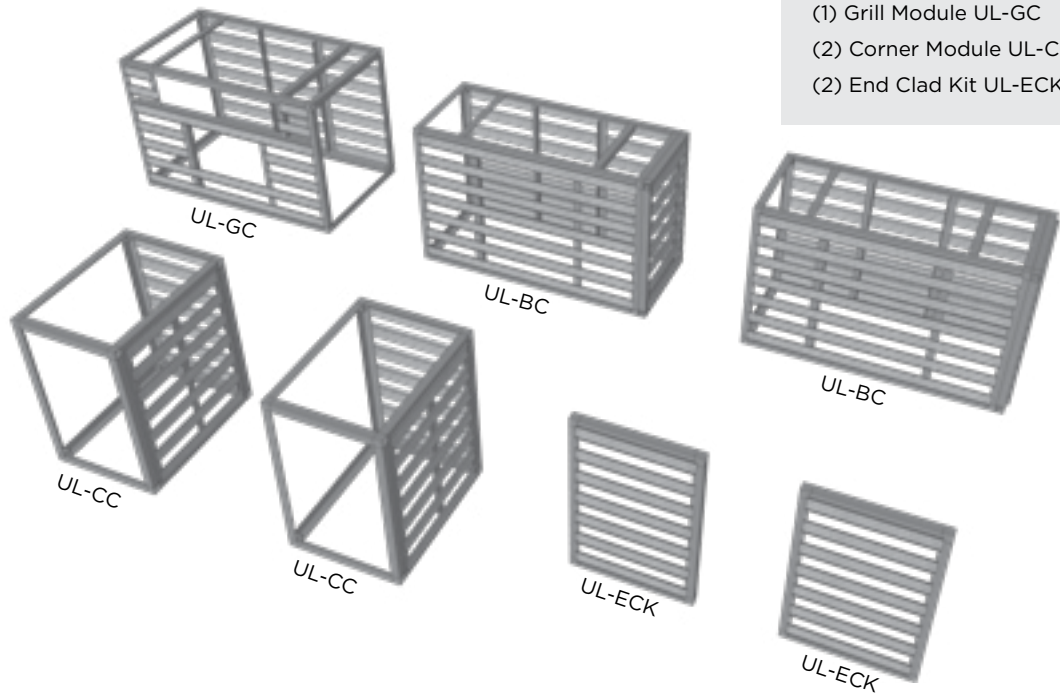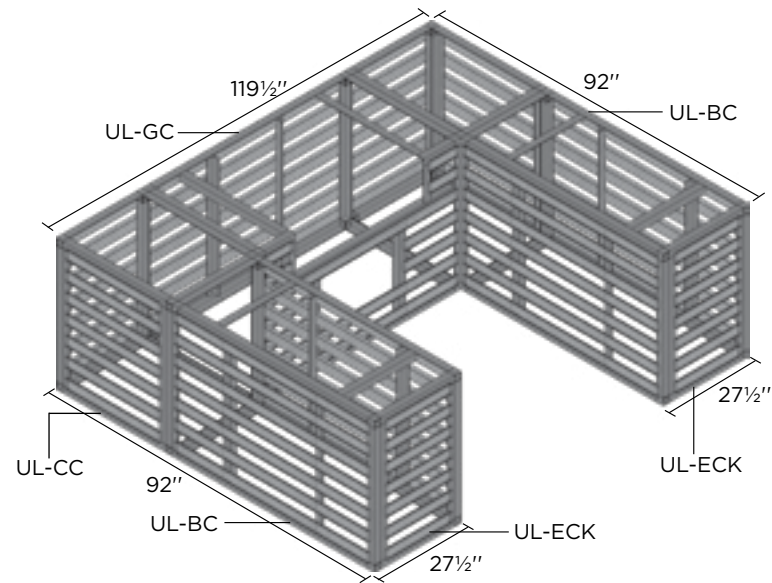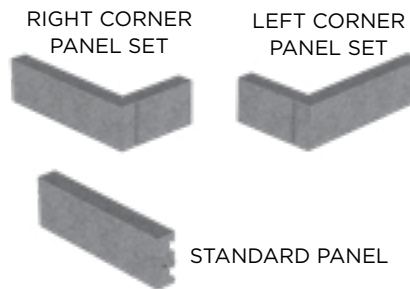
(2) Corner Module UL-CC

(2) End Clad Kit UL-ECK

UL-GC

UL-BC

UL-BC

UL-CC

UL-CC

UL-ECK

UL-ECK

119½"

92"

UL-GC

UL-BC

UL-CC

UL-ECK

92"

UL-BC

UL-ECK

27½"

27½"

U-CARA FASCIA PANELS

Standard Panels - 147

Corner Sets - 42

RIGHT CORNER
PANEL SET

LEFT CORNER
PANEL SET

STANDARD PANEL

U-CARA® MODULAR SYSTEM

THE NEW PARADIGM
IN VERTICAL HARDSCAPES

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winner

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event that appraises the best products created each year.
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