Mueller Greenhouse Kit Buildings are not engineered structures and do not meet any specific building code criteria. For video installation instructions, visit our website at www.muellerinc.com/downloads-home/videos-home

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PARTS LIST

Refer to the parts list on the itemized invoice delivered with your building.

All parts are stenciled on the inside of the channel, purlin, girts and rafters. Example of this below:
TYPES OF SCREWS

Skylight Screw
“Large Head”

TEK Screw
For attaching sheet metal to purlin

Lap TEK Screw
For attaching sheet metal to sheet metal

NOTE: Make sure to use TEK screws to attach sheets to purlins, lap TEK screws to attach sheets to sheets.
VENT INSTALLATION GUIDE INSTRUCTIONS

BASE LAYOUT (BC-1 AND BP-1)

NOTE: Leading and trailing edge of channels are overbent for a tight fit. Spread apart as needed to nest the purlin into the channel.

Leveling and proper blocking is critical for the base layout.
MAKE SURE THE ASSEMBLY IS SQUARE

NOTE: Mueller recommends the building be placed on leveling blocks (not included) to support the base channel and purlins. Mueller also recommends the building be anchored to the ground or foundation. The method of anchor is at the owner’s discretion.

Make sure the assembly is square. Assembly is square when the corner to corner measurements are equal.
ERECTING COLUMNS (C-1)

Attach column to MKB-1 (Galvanized MKB-2) clip using 1/2"x1" Fin Head Bolts

HINT: Add clips to top of columns before standing up.
ADDING RAFTERS (R-1)

Bolts should remain loose until EC-1 is installed

Place one bolt as shown.
ADDING EAVE CHANNEL (EC-1)

Tighten bolts after EC-1 is installed.
ADDING RAFTERS (R-1)
MAKE SURE THE ASSEMBLY IS SQUARE AND LEVEL

Make sure the assembly is square. Assembly is square when the corner to corner measurements are equal. Use temporary bracing (not included) to hold assembly square if required.
ADDING ROOF PURLIN (RP-1 AND RP-2)

Open side of RP-1 and RP-2 faces to center of building
ADDING DOOR, DOOR TRIM AND
MID-GIRTS (MG-1, MG-2 AND MG-3)

To attach MG-3, use TEK screws to go through door trim, door frame and girt.

NOTE: Bolt to inside of column leg

Notch and bend trim as shown.

Top View
- Door Jamb
- TEK Screw

TEK Screws
- Door
- J Trim
- MG-3

MG-1
MG-2
MG-3
ADD WINDOW
Start sheet 1" in past steel line. Sheet 1" above bottom of base channel.

NOTE: Sheets below window will need to be field cut for window assembly from 3'8" panels.

Install one full sheet, then partial sheet. Insert window and flap flush to sheet. Add drip edge window trim when installing eave trim.

See installation instructions included with the window packaging.
**SHEETING SCREW PLACEMENT**

**WALL SHEETS**

- Lap TEK Screw
- Lap Strap "on the bottom"
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw

**ROOF SHEETS**

- Lap TEK Screw
- Lap Strap "on the bottom"
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw
- Skylight Screw

**NOTE:** Make sure to use TEK screws to attach sheets to purlins, lap TEK screws to attach sheets to sheets.
SHEETING SIDEWALL

NOTE: Start sheets 1" in from corner channel and start sheet 1" above the bottom of the base channel.
SHEETING ENDWALL

NOTE: Start sheets 1" out from corner channel and start sheet 1" above the bottom of the base purlin.
SHEETING (START FROM A CORNER)

NOTE: Make sure the frame is plumb and level, and tighten all bolts prior to sheeting. Repeat for each wall.

NOTE: For side with door, start sheets flush with J-trim on both sides of the door.
BACK SIDE WALL

Roof to wall sheet alignment.

Align major ribs from wall to major rib on roof.

**NOTE:** Make sure panels remain square during installation.
SHEETING THE ROOF

Align roof sheets with wall sheets

CAUTION: Use scaffold boards when installing roof panel sheets/trim

NOTE: Use TEK screws at the purlins
Use Lap TEK screws every 20" vertically
NOTE: A chalk line will assist in closure and ridge roll placement.

**ROOFING TRIM DETAILS**

**CAUTION:** Use scaffold boards (not included) for support while installing roof sheets and trim.
RIDGE ROLL INSTALLATION

CAUTION: Use scaffold boards (not included) for support while installing roof sheets and trim.

HINT: Screw corner of ridge roll and middle first to maintain pitch. Install remainder of screws.

Install lap screws on ridge roll every 12 inches.
TOTAL BUILDING MEASUREMENTS

- Total length: 21'3" (6.5 meters)
- Total width: 12'3" (3.7 meters)
- Total height: 7'1" (2.1 meters)
- Inner height: 7'9" (2.4 meters)