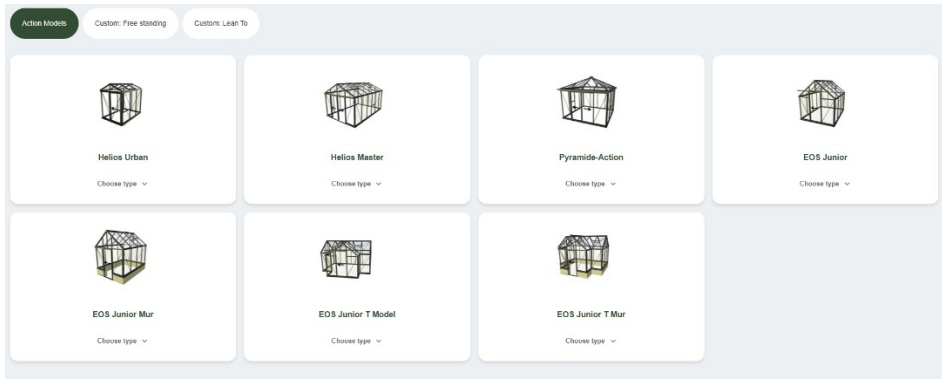


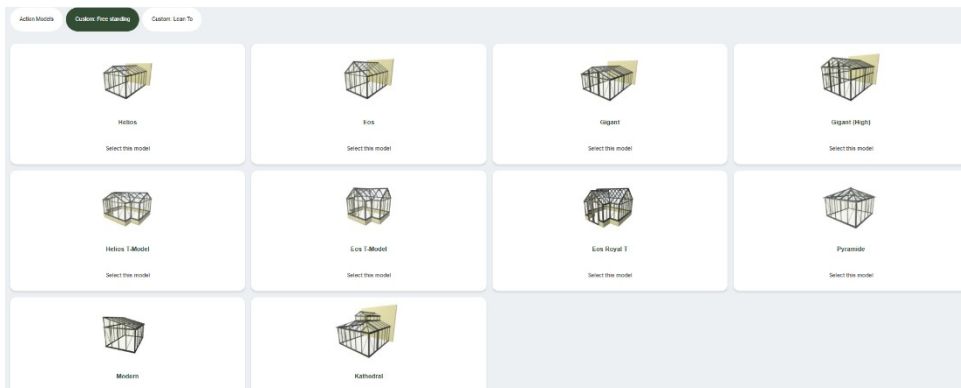
## How to use the configurator

### 1) Click the Link below to take you to our configurator page:

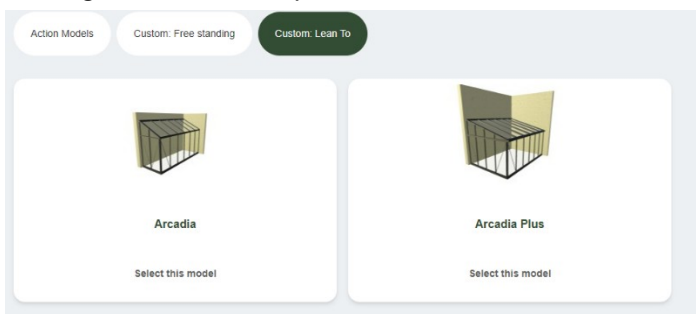
- a) **“Action Models”** – These are considered standard greenhouse models that Janssens regularly produces. These are not as customizable as the “Custom: Free Standing” and options are limited. However, these are an excellent economical choice - the cost of the Action Models is typically 15-20% less and is quicker to produce than custom models. The drop-down menu has preset measurements in MILLIMETERS, and the comma acts as a decimal. (MF) refers to an aluminum, non-colored greenhouse. (CL) refers to a color, (MUR) will refer to a stem wall.



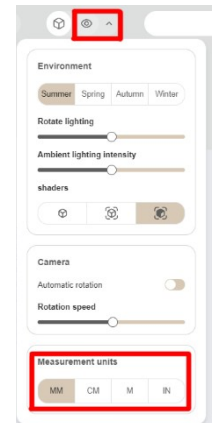
- b) **“Custom: Free Standing”** – This tab will take you to fully customizable units that you can design to create your perfect greenhouse. The icons will rotate between available options– so you may see gable attached and models on a knee wall, but they start with the same basic unit. When you click “Select this model” it will take you the designing phase.



- c) **“Custom: Lean To”** – These models are designed for those wanting to attach a greenhouse to an existing structure. Once you click “select this model” it will take you to the designing phase.



- 2) Once you have chosen the model you prefer, this will take you to the configuration page. The first step is to change the measurements from millimeters to inches. Go to the **Top Right** where you see an eyeball symbol. Next to it, there is a drop-down arrow. At the very bottom, you will see an option to change the measurements from MM to Inches.
- 3) On the **Left Side** of the configuration, there will be (4) main options to personalize the configuration.



### A) DIMENSIONS

**A** = Width (Gable end)

**B** = Length

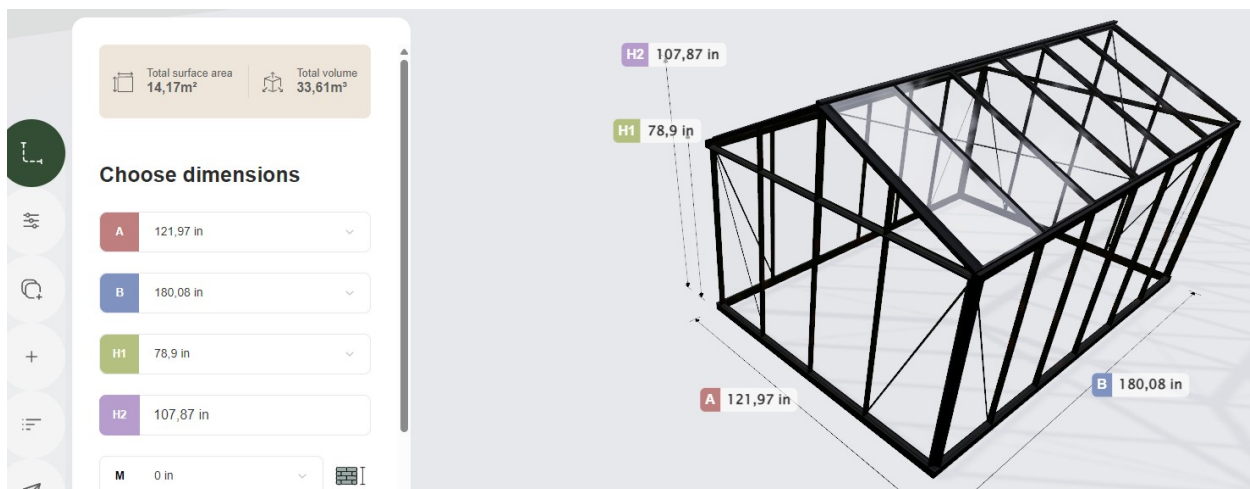
**H1** = Gutter Height

**H2** = Peak Height of Greenhouse

**M** = Wall Height – This will add a stem/knee wall to the configuration; however, it will SHORTEN the glass portion of the side wall. For those wanting to gain sidewall/peak height by placing on a knee/stem wall, leave the configuration as is (in a ground mount style). We sell a Drop Door Kit that allows you to place this “ground mount” model on a knee/stem wall so you retain the full height PLUS the knee wall. This kit frames a header above your doors.

**Glass Module** – 738 is the standard 28 3/4" wide glass and 369 will be narrow glass at 14 1/4" wide. This option will be pricier than the standard 738mm wide glass

**Connection** – This option allows you to build the configuration with the idea that the gable will attach to an existing structure.

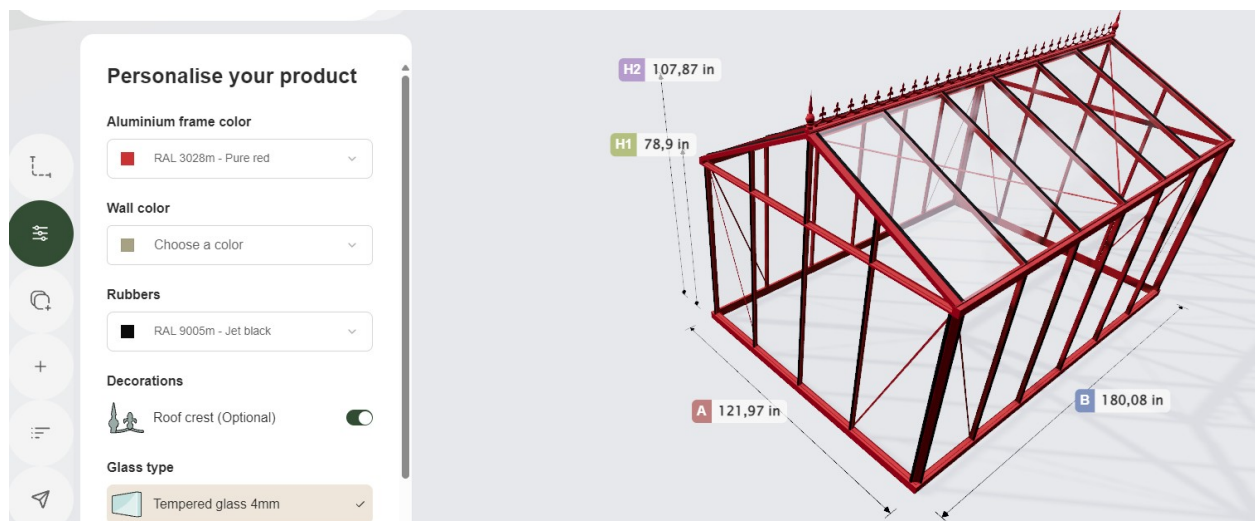


## B) MATERIALS

The aluminum frame color will default to Black (RAL9005) but can be changed in the drop-down menu to your preference. There will be an upcharge for custom colors. Black, Fir Green and White will NOT have an upcharge in the custom units. If you are designing in the “action model” line, your choices are strictly limited to green/black as well as other limitations, but this allows the action model line to be more economically priced.

The Rubbers refer to the gasket that holds the glass in place. The only two available color options are either Black or White.

You can add the “Roof Crests” for a classic Victorian look.



Janssens offers three types of glazing: full 4mm tempered glass, full 10mm polycarbonate, and a hybrid/combination option that consists of both. The Hybrid will have 4mm glass for the side walls and 10mm polycarbonate for the roof. All polycarbonate on the configurator units is a UV/Heat block polycarbonate that is milky white in appearance (not see-through). It is specifically designed for hot climates to keep down the heat gain in the greenhouse during sunny, hot days. It may not be desirable if you are looking for an insulated winter greenhouse, as you would not get the heat gain from the sun during the day as you would from other traditional polycarbonate. Additionally, it may block some beneficial UV from your plants. Other available options are all glass or a hybrid version that has a UV/Heat block poly roof with glass side walls. There is no difference in pricing in this case. If you are looking for a full polycarbonate greenhouse for insulating reasons – we do have other product lines that do not utilize the UV/Heat Block poly.

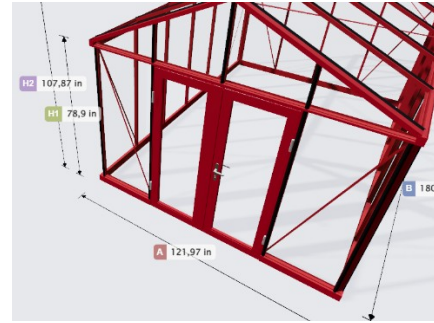
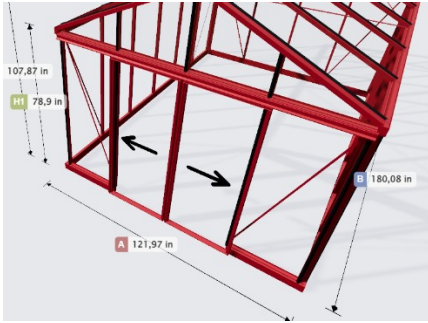


### C) Add Ons

This is where you can add Doors, Windows, Panels and other options.

#### **Door Options:**

- **Sliding Doors:** The sliding door of the greenhouse hangs/slides along the outside of the greenhouse and features brush weatherstripping. A keyed lock is included with the door. For standard kits, the sliding door threshold will be the 4 ½" high base frame unless a low threshold kit (see below) is purchased. If you are building on a stem wall, please note special considerations for sliding doors on stem walls before building your stem wall.
- **Low Threshold Kits:** Standard greenhouse sliding doors will have the 4 ½" base frame as the threshold for the doorway. The upgrade to a low threshold kit requires cutting the base frame at the doorway to allow installation of a 1" high threshold to secure the sliding door guide and make walking in and out of the greenhouse easier. This will be an option you can select using once you add the Sliding Doors to your configuration under the name **SDL**.
- **Hinged Door:** This is a handsome upgrade, but is significantly more challenging. We recommend installation by a highly skilled handyman. The hinged door is time-consuming, requires adjustments, and special tools (such as a grinder) may be needed. The door is inset into the frame of the greenhouse and is further weather-proofed with rubber gaskets. The door features its own door jamb, including a low threshold and high-quality adjustable hinges for easier hanging. A traditional handle with a keyed lock will keep your greenhouse secure. A hinged door can be easier to work with if the greenhouse is placed on a stem wall. It is preferable to order a hinged door with the greenhouse as the hinged doors must be sent via freight truck, and shipping costs can be prohibitive if shipped at a later date.



**Windows** - The roof vents allow hot air up at the ridge to escape. The roof vents are usually staggered and some are placed on both sides of the ridge beam. Occasionally, if there is prevailing wind from one direction, more windows may be placed on that side. The windows cannot be placed side by side. There are a variety of openers available for roof vent windows.

- **Roof Vent Openers**

- **Manual Spindle openers** - a high-quality stainless steel threaded rod to securely crank the window to the desired open position with the use of a removable long handle. These are heavy-duty and will hold up well to strong winds if needed.
- **Automatic Opener (AW)** - this opener utilizes a piston that is filled with oil that expands between 68 to 70 degrees. The oil pushes out the rod of the piston to open the window. When the piston is engaged, there is no manual control of the window. If there is rain when the temperature is above 68°F in the greenhouse, the roof vent will likely be open, and rain will come in. During the cold months, the pistons may be disengaged if heating the greenhouse.
- **Heavy Duty Automatic Opener (AO)** - Similar to the standard automatic opener but far sturdier and recommend for those in high-wind areas

- **Louver/Jalousie Side Wall Window**

- Placed in a sidewall bay, often opposite the door for a cross breeze.
- Comes with a manual opener installed, or an auto opener (Sesam Liberty) may be ordered.
- If you are installing an exhaust fan, the louvered window with an auto opener may act as your intake vent.

- **Push Out/Top Hang Side Wall Window**

- Will hang from a hinge at the top, and the bottom pushes out. An auto opener may be used.

**Panels** - this option allows for full or half panels to be added instead of glass/poly. Full Panel option is just a flat panel with no style. The Half panels have (3) styles. An "X" panel, a Floral Panel, and a straight, flat panel. There is NO price difference between the three options. As of right now, you have selected the "X" panel.



**Extras** – here you can add extra Spandrels for roof load along with the fixed shade cloth. **If you are designing a GIGANT or KATHEDRAL Model:** You will need (1) Portal Frame every (3) panes of glass. The configuration will auto-populate portal frames, but you may need to add more depending on the greenhouse size.

D) **Options and Accessories** – This tab will let you further customize the accessories you chose above. There is a tab that allows you to add additional accessories to your greenhouse. Please note that any options from this tab will NOT be shown in your configuration.

a) You can add Seed Trays, Top Shelves, Slat Shelves, and extra Nuts/Bolts

- i) 236cm = 7'6"
- ii) 310cm = 10'
- iii) 384cm = 12'5"
- iv) 458cm = 15'
- v) 605cm = 20'

b) Each Slat Shelf will be 59" long and will take up (2) panes of glass. The 2-Slat Shelf is labeled as TAB2 and the 5-Slat Shelf is labeled as TAB5.

E) **Saving and Sending**

After you have designed your perfect greenhouse, go to the **"SAVE" icon** near the top left next to the model's name. Click "Save Configuration" to generate a six-digit code such as **ABC123**. Save this code if you want to pull up your existing configuration. Any changes to your existing configuration will generate a new code every time you save. You can download a PDF that will break down your configured design. Use the **"SEND" Tab** to send your configuration over to EXACO and we will be able to price it out for you and offer any suggestions.