

**ALTON**

Over 100 Years of Cedar Greenhouses



SEASON 2024

ALTONGREENHOUSES.COM



MADE IN
THE UK



SUMMERHOUSES
CAN BE
FOUND INSIDE

ALTON EVOLUTION SIX

6'6" Wide (1987mm)

- High eaves • Toughened glass • Cedar bar capping • Guttering & Downpipes
- Auto-vents • Ground level door threshold

Specification

- High eaves (5'7") for more space
- Extremely strong cedar framework
- Toughened safety glass & screw in bar capping as standard
- Sliding door with low level threshold
- Aluminium gutter plus downpipes
- Auto-vents included (see table)
- 10 year framework guarantee



Note all prices shown are the net discounted prices incl VAT at 20%.

Nominal base length Actual base length (B)	4'5" 1346mm	6'6" 1977mm	8'6" 2606mm	10'7" 3236mm	12'9" 3866mm
No of roof vents (automatic)	One	One	Two	Three	Four
Large pane toughened safety glass	✓	✓	✓	✓	✓
No of louvre side vents	One	One	One	Two	Two
Greenhouse Price	£2399	£2599	£2999	£3399	£3799
Product ID	ID 4137	ID 4138	ID 4139	ID 4140	ID 4141
2 slot (12") wide Aluminium Shelf (Moss)	£170	£220	£270	£320	£370
4 slot (25") wide Aluminium Staging (Moss)	£200	£280	£360	£440	£520
Aluminium bar capping system (Moss)	£210	£250	£290	£330	£370



Dimensions

- A = 1987mm (6'6")
- B = See table
- C = 1700mm (5'7")
- D = 2330mm (7'4")
- E = 560mm (22")
- F = 1890mm (6'2")



Metal base



Low level door threshold



Downpipes included



ALTON EVOLUTION SIX



Automatic Roof Vents included as standard (see table for quantity)



Cedar capping system



Auto-louvre £45

Options

- Extra roof vents including auto opener £158
- Louvre side vents £227
- Hanging basket brackets (10) (Moss) £29
- Internal blinds per 2' section £136
- Auto-louvre £45



4'5" Long ID 4137



6'6" Long ID 4138



8'6" Long ID 4138



10'7" Long ID 4138



12'9" Long ID 4138

A whole new concept of Cedar Greenhouse has evolved

High Eaves

The high eaves height (5'7") gives you plenty of headroom and room for a high level shelf.



Frame

The frame is made from Canadian Western Red Cedar, which is extremely high in natural preservative oils which, even without further artificial treatment, make it virtually immune from decay.



Louvres

Louvres draw in cool fresh air to keep down temperature as well as the risk of pests and diseases.

Metal Base

The metal base (included on all models) keeps the wood away from the floor and enables the glass to overlap the wooden frame so no water sits on the Cedar.



Low Level Threshold

Specially designed aluminium door runner and low level threshold - gives you easy access with no step at the doorway. This 5ft wide and 6ft wide models have a single door and the wider models a generous 4ft wide double door.



Ridge Capping

Included as standard, moss green finished ball finials and ridge plate.



Auto-vents

Included as standard, these open roof vents automatically as the greenhouse warms up - keeping your plants from overheating.



Toughened Safety Glass

Glazed throughout with toughened safety glass as standard, for strength and safety. The large panes have a much more pleasant appearance than old fashioned overlapping panes.



Bar Capping

This model shows the optional Aluminium bar capping system upgrade. With this system, there is very little Cedar exposed to the elements.



Downpipe System

Includes a full length aluminium gutter each side and a downpipe each side. This not only keeps water away from the side of the greenhouse, but also helps you to collect this vital resource.



Other features of Alton models which will help prevent rot and therefore reduce maintenance:

Metal Base

This keeps the wood well away from the base where water can sit. Plus this unique design feature allows the glass to sit directly onto the metal base - which means that the side water is not running onto the wood, (which is a 'rot-spot' on other greenhouses) The Metal base is included on every model, regardless of which kind of capping you choose.



Glass overlaps at eaves

This feature allows the water from the roof glass to run straight into the guttering. Again this means that no water is running over wood - removing another potentially vulnerable area.

Included on every model regardless of which kind of capping you choose.

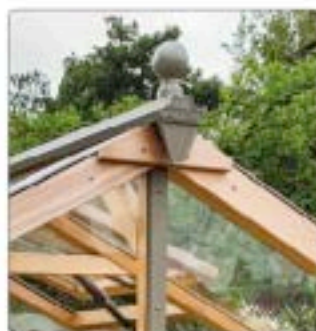


Guttering

Takes the water away and allows you to collect it. Included on every model regardless of which kind of capping you choose.

Ridge Capping

Aluminium moss green ridge capping with ball finials either end is included on every model, even if cedar capping is chosen.



Aluminium Vent Hinge

Properly designed vent hinge.

Roof Vents

A generous allocation of roof vents is included with every model and every roof vent has an automatic opener included as standard. These clever devices work through heat expansion alone to open your roof vents gradually as the temperature changes. Fully adjustable, they help you to create the perfect growing environment.



Louvres

Your new Alton model will also include one or more louvre windows. These work in tandem with your roof vents - as the automatic roof vents open and release the warm air, the greenhouse effectively sucks air in through the louvres. These can be positioned near the bottom or the top and on most models at the side of the greenhouse or at the rear. Supplied as manual opening as standard and you can add automatic louvre openers if you wish.

High Eaves

The eaves height of 5'7" on the Alton models is excellent and is as much as 18" higher than the lowest greenhouses on the market. The extra height gives you several advantages: There is more air in the greenhouse creating a better growing environment, you have more head room and a higher door, and you have plenty of room for a high level shelf in the greenhouse.



Easy access doors with no step

The unique Alton door system includes the low-profile door threshold. This popular feature means that you have no step at the door (many other greenhouses have a step at the door). Models of 8' wide and above have 4' wide access double doors which allow easy entrance for a wheelbarrow or wheelchair.

Extend to any length

If you are looking for a serious greenhouse then our EIGHT, TEN and TWELVE models should suit - they're extendable to any length, so you can easily specify a 10x30 or any size that you wish (in 2' increments).

Internal Partition

On wider models, you can add an internal partition with sliding door. This enables you to create separate environments - for example for propagation in the spring, or frost free in the winter. You can position your partition anywhere except the joint of an extension.



A whole concept for a Cedar Greenhouse...

Since 1921, Alton has been at the forefront of the Cedar greenhouse market. The iconic sloping sided Amateur greenhouse has led the market for decades and at the time of its introduction in the 50s it was at the cutting edge of greenhouse design. Since then, the Alton design team have been pooling their vast knowledge and experience, along with years of feedback from our customers in order to create a Cedar greenhouse fit for the 21st Century.

Designed and manufactured in the UK

Your Alton model is crafted in our own workshop in Staffordshire. Every piece of Cedar is machined in-house in our fully equipped workshop. Some of these machines have been reliably making Alton greenhouses for over 40 years. Other, more modern additions use CNC technology to give highly accurate results. Advances in machining and joinery technology have enabled for the first time a flat-packed greenhouse which actually takes no longer to assemble than the old system of awkward to handle fully glazed panels.



Here are four reasons why Alton models are even stronger...

More wood!

It sounds simple, but it is surprising how some greenhouses both aluminium or Cedar have become thinner over the years in order to save cost. The Alton models use thick glazing bars which are based on 44x44mm timbers or 44x69mm in places. How do we do this and remain cost effective? When these models were being designed, we carefully studied the whole process from raw material and delivery and we discovered that a large part of the cost of the greenhouse was coming from double handling, storage and distribution costs mainly because the greenhouse was in large unwieldy fully glazed panels. By delivering the Alton models in a flat packed format massive efficiencies are made, which means that you get more for your money.



Bar Capping System

Most wooden Greenhouses have glass held in by a beading or a groove. The result of this can be that the glass 'rattles' in the frame. The Alton's newly developed bar capping system uses the toughened glass as an integral part of the overall strength of the greenhouse by gripping it tightly. When you feel the greenhouse, there is little or no movement in it and you can see that it is far stronger (and you don't get a rattling sound from the glass).



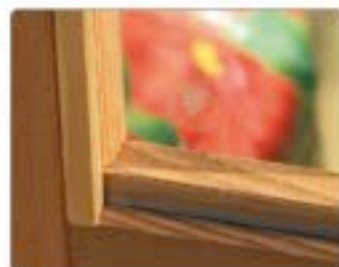
Mortice and Tenon Joints

The cleverly designed jointing system on the Alton has the dual benefit of making assembly straight forward and adding strength to the framework.



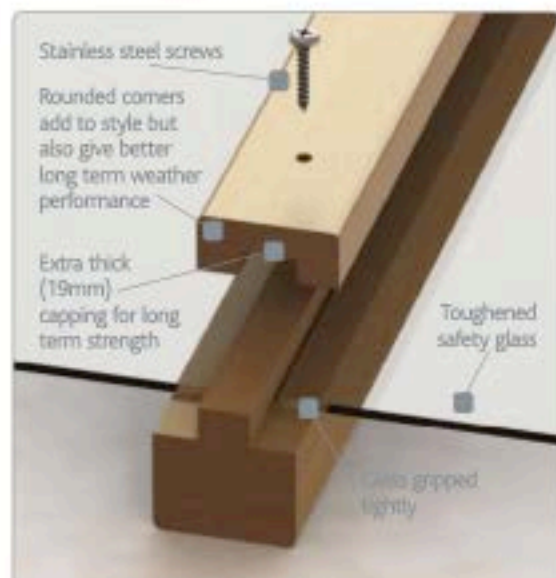
Toughened Safety Glass as standard

The 3mm Toughened safety glass that is supplied as standard with these models is in large panes which means that every pane is helping the rigidity of the overall structure. Toughened glass is 5-7 times stronger than standard horticultural glass and if you are unfortunate enough to break a pane, then it will disintegrate into hundreds of small pieces (like the side window of a car) - greatly reducing the chances of injury.



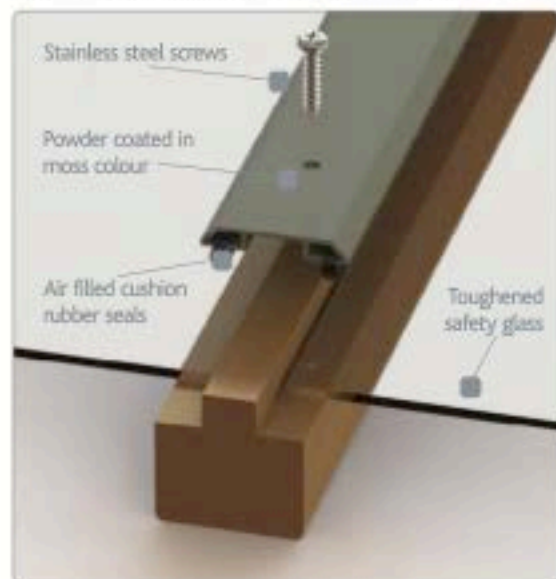
Bar capping system

Cedar capping - standard system



Upgrade option Aluminium bar capping

With this new Aluminium bar capping system you really can have a virtually maintenance free Cedar greenhouse - and the stylish moss colour blends in perfectly with the cedar as it ages to the distinctive silvery colour.



6x8 Model shown with the Cedar capping system



The same 6x8 greenhouse upgraded to the aluminium capping system



Why Western Red Cedar is the best material for your greenhouse?

The following text is taken from the Grading Rules for Exported Canadian Western Red Cedar published by the Pacific Lumber Inspection Bureau, Bellevue, Washington, USA.

Western Red Cedar (*Thuja plicata*) 'The largest and finest of the cedars produced anywhere in the world, the western red cedar is famed for its extraordinary durability and resistance to decay.

Western red cedar is a distinct species, possessing all the desirable qualities of the other cedars, and additional benefits besides. It can be finished to a smooth, silky finish; it is free from pitch, it takes and holds paints and stains excellently, and has superior gluing properties. Its colour is extremely attractive, varying from almost pure white of the narrow sapwood to the light straw shade of dark reddish-brown of the heartwood.

The wood of Western red cedar has a very low coefficient of expansion, so that it does not shrink, swell or warp excessively, even when subjected to changing degrees of temperature and moisture.

It has prime insulating qualities and its pleasing aromatic odour is repellent to moths, insects and vermin. The wood is saturated to every fibre with a natural preservative oil which renders it virtually immune from decay and gives it extreme durability without artificial preservative treatment.'

In the 70s (when aluminium greenhouses first came out) there was a detailed 12 month investigation as to the different properties of Cedar v Aluminium and it was found that the Alton greenhouse produced heavier crops (12lb more tomatoes in the Alton greenhouse). There was also noticeably less leaf-curl in the Alton and less frequent watering was required. Not only that but it was also found that the Alton greenhouse used 18% less electricity to heat because the Cedar was less subject to temperature fluctuations.



Here's how clever design reduces maintenance by keeping water away from traditionally vulnerable areas on a greenhouse.

Glass overhang on roof - This simple design means that no wood is exposed to the roof water run-off.

Glass overlaps wood at the base - By sitting the glass onto the metal base, again no wood is exposed to the run-off water from the side of the greenhouse.

Guttering system - Protects the sides by removing roof water.

Metal base - The specially designed metal base keeps the Cedar framework off the ground where conditions are damp. Unlike some other Cedar greenhouses, where it can cost hundreds of pounds to add a base, the metal base on Alton Evolution greenhouses is included on every model.

Bar capping system - If you wish to dramatically reduce the amount of Cedar that is exposed to the elements you can also upgrade to the aluminium bar capping system - please see back page.



Do I need to paint or treat my greenhouse?

Your Alton is made from 100% Western Red Cedar, The properties of which are described more eloquently than we could in the extract (left) from the Pacific Lumber Inspection Bureau. This kind of Cedar is absolutely perfect for greenhouses as, although it readily absorbs moisture - even to the point of looking soaking wet, it also readily gives it up and dries quickly - yet never warps or moves - this makes it ideal for the conditions in a greenhouse. Add to this the fact that it is soaked full of naturally occurring preservative oils which make it virtually immune to rot. What's more, the pungent aroma that we find so pleasant is also a deterrent to many insects and pests.

Your Alton greenhouse will be supplied in completely natural cedar which will be factory treated in a clear wood preservative. There is no need for us to ruin this natural look, which highlights the broad variation of colours in the different pieces of the Cedar, by treating it with any artificial colour. The greenhouse will last a very long time - (customers often tell us about their 30 year old Alton greenhouse at shows) you don't need to retreat it for it to last - it will simply mellow in time to a silvery grey colour, which the Moss colour of the metal parts complements perfectly.

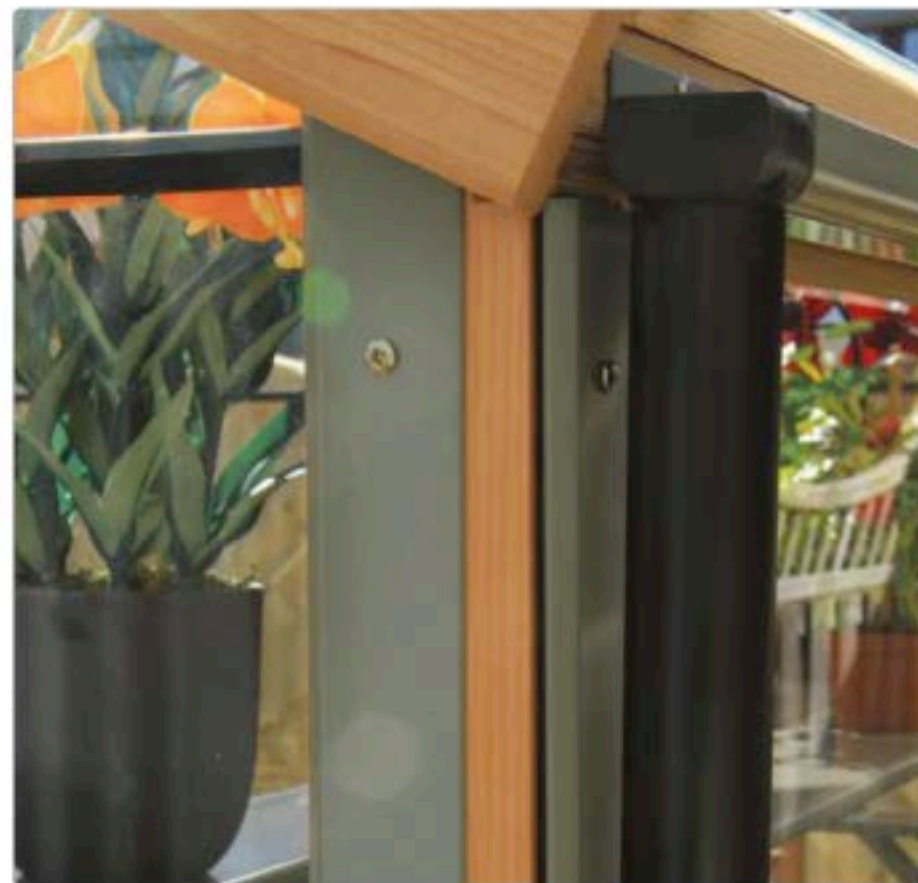


Of course if you wish to stain your greenhouse a certain colour, or if you wish to prevent the natural ageing effect that occurs in the first year or two as water soaks in and out of the Cedar wood - lifting the darker natural oils to the surface of the Cedar - then you can of course apply a coloured wood preservative if you wish - the fact that it is in a convenient flat pack format means that this is easy for you to do before you assemble it or before your fitter comes.

The treatment that we use to factory treat your Alton greenhouse is Alton Clear wood preservative, whilst not necessary from a rot prevention point of view, this does help the wood to age evenly to the attractive silvery colour which is distinctive to Cedar and reduces the prevalence of stains that can develop from the water soaking in and out of untreated wood.

The only maintenance that we really recommend is that you clean your greenhouse every year, and you'll no doubt do this anyway - to keep your glass nice and clean. Cleaning any dirt or even algae off once a year in Jan/Feb time will help your greenhouse last years and get you ready for the growing season.

Your greenhouse frame is guaranteed for 10 years against rot - you never have to treat the greenhouse for this - just leave it as it is and clean it once a year.





The Alton Classic Ultimate Package

5ft Wide



Size	Full Price	Ultimate Package Offer
5x4	£2744	£2549
5x6	£3089	£2849
5x8	£3634	£3349
5x10	£4179	£3849
5x12	£4724	£4349

6ft Wide



Size	Full Price	Ultimate Package Offer
6x4	£2979	£2749
6x6	£3349	£3099
6x8	£3919	£3649
6x10	£4489	£4149
6x12	£5059	£4699

8ft Wide



Size	Full Price	Ultimate Package Offer
8x6	£3769	£3499
8x8	£4444	£4099
8x10	£5119	£4749
8x12	£5794	£5349
8x14	£6469	£5999
8x16	£7144	£6599
8x18	£7819	£7249
8x20	£8494	£7849

10ft Wide



Size	Full Price	Ultimate Package Offer
10x6	£4799	£4449
10x8	£5479	£5049
10x10	£6159	£5699
10x12	£6839	£6349
10x14	£7519	£6949
10x16	£8199	£7599
10x18	£8879	£8199
10x20	£9559	£8849

12ft Wide



Size	Full Price	Ultimate Package Offer
12x6	£5619	£5199
12x8	£6419	£5949
12x10	£7219	£6699
12x12	£8019	£7399
12x14	£8819	£8149
12x16	£9619	£8899
12x18	£10419	£9649
12x20	£11219	£10399

The Octagonal Ultimate Package

Octagonal Range



Size	Full Price	Ultimate Package Offer
6x6	£4364	£4049
6x9	£5508	£5099
9x9	£6861	£6349
9x12	£8055	£7449

The Victorian Ultimate Package

Denstone



Size	Full Price	Ultimate Package Offer
6x4	£5204	£5049
6x6	£5934	£5749
6x8	£6664	£6449
6x10	£7394	£7149
6x12	£8124	£7849

Eton



Size	Full Price	Ultimate Package Offer
6x4	£4704	£4549
6x6	£5434	£5249
6x8	£6164	£5949
6x10	£6894	£6649
6x12	£7624	£7399



Cedar Greenhouses

www.altongreenhouses.com

100 display sites throughout the UK

Your local agent:



Made in the United Kingdom