

ALTON

The **FINEST**
CEDAR **GREENHOUSES**





SOME REASONS WHY YOU SHOULD BUY



EASY TO ASSEMBLE
PRE-GLAZED SECTIONS
& FULL INSTRUCTIONS

The superiority of **ALTON** GREENHOUSES has been proven by

independent tests. Growing conditions and fuel usage were compared with a similarly proportioned aluminium greenhouse over 12 months.

The results showed that the Alton produced a **far better growing environment** which produced **heavier cropping**. It was also shown that **watering requirements were less frequent** in an Alton, and that **plants grew healthier** compared with the reported leaf curl and mould found in the aluminium greenhouse.

Over a year the **aluminium cost 18% more** to heat because cedar warms up quicker in the day time and cools slower at night. Appreciable results for the discerning gardener and proof indeed of the superiority of **ALTON** GREENHOUSES.



No wonder Alton is **The Gardener's Choice!**

EASY TO ASSEMBLE

As most sections are pre-glazed, **ALTON** GREENHOUSES are easy to erect and are supplied with full instructions. If you do not wish to do it yourself then your local retailer will be able to quote for this service. It is advisable to prepare a perimeter

footing of

concrete or paving slabs for the greenhouse to stand upon; for further details please ask for our Base Kerb Dimension Sheet, or visit our website:

www.AltonGreenhouses.co.uk

PERSONALISE YOUR ALTON

Your greenhouse can be almost as individual as you are. Alton have a comprehensive range of accessories, take a look at the options available on pages 15 and 16, then design your greenhouse to suit your particular needs. For example: size, it is a known fact that whatever size of greenhouse you buy it won't be big enough! So always buy the biggest your budget and garden will allow. Don't forget that there are extensions available to the Amateur and Traditional ranges, which can be added later. What about staging that is easily removed to grow tomatoes? How about choosing a partition within the greenhouse to create different climates? Why not choose automatic roof and side louvre openers for air movement even when you are not there? Work out your requirements with the help of our Price List, then take your list along to your local Alton Retailer who will be pleased to assist.

A brand new Alton packed with those little design features that make all the difference to you...

AN **ALTON** GREENHOUSE

THE BEST MATERIAL

Alton selects only the best Western Red Cedar - the Alton specification is more demanding even than that acceptable for manufacturing the highest quality conservatories.

Western Red Cedar is an intrinsically expensive material, and because Alton only accepts the best grade available much of the cedar imported is simply not good enough for Alton. It is sold to other building manufacturers.

ALTON GREENHOUSES are all factory treated by total immersion in a preservative treatment prior to delivery.

If you wish to preserve the colour, retreat it every year. If you do not do so, the cedar will gradually fade to its natural silvery appearance. This will not affect the 10 year framework guarantee.

Cedar is the ideal material for building **ALTON** GREENHOUSES, as already mentioned, but here are a few other advantages:-

The warm, natural golden honey colour looks superb in any garden setting. The cedar construction produces a stronger and more thermally efficient building than aluminium alternatives.



Our timber is supplied from FSC/PEFC/CSA certified sources

Unlike ordinary greenhouses, which constantly need repairing and protecting from the influences of the British climate, Alton Cedar has an inherent resistance to rot.

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 advantages besides. It can be finished to a smooth, silky finish; it is free from pitch, it takes and holds stains and paints excellently, and has superior glueing 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 to decay and gives it extreme durability without artificial preservative treatment.

This extract is reproduced from the Grading Rules for Exported Canadian Western Red Cedar published by the Pacific Lumber Inspection Bureau, Bellevue, Washington, USA.

STRONG FOUNDATIONS



CONCRETE BASE KERBS AS STANDARD

All greenhouses should be constructed with a perimeter plinth between the bottom of the frame and ground. This will prevent the wood coming in contact with the damp soil and give the greenhouse frame a flat and level surface to be attached to.

Alton provide, as standard, purpose designed base kerbs in pre-cast concrete sections. They are robust, attractive and impervious to frost and water. Each has built-in anchorage points ready for bolting the greenhouse firmly down into place.

Alton's concrete base kerbs are more economical and far more convenient than building a brick plinth. The site for the greenhouse should be perfectly flat and level and it is essential that the ground is well compacted to support the weight of the building. If the ground is soft or loose it is important to lay a perimeter concrete foundation onto which the base kerbs can be positioned.

Another benefit of Alton's concrete base kerbs is their weight which helps anchor your greenhouse to the ground - ideal in stormy and inclement weather conditions.

The concrete base kerbs are also provided as standard when having a partition or extension to your greenhouse. Where necessary gaps in the base kerbs are left to ensure a level and step-free doorway.



TOUGHENED SAFETY GLASS AS STANDARD ON ALL BUILDINGS



The finest cedar greenhouses

GOOD VENTILATION IS A MUST FOR HEALTHY PLANTS AND MORE PRODUCE

The unique ventilation system provided on an Alton greenhouse has been proven to produce healthier plants and higher yields...

This example shows an Alton Amateur 10x15 greenhouse with the standard manual Alton Ventaccess in alternative bays on both sides, plus louvre vents again on both sides and with the optional extra of automatic openers. The roof vents, also in alternative bays and with optional automatic openers, complete the ventilation system.

Roof vents, available with a manual opener as standard on all Amateur, Traditional and Popular models. Automatic openers come as an optional extra. The Octagonal range has automatic roof vent openers as standard, see relevant page for details.

AltonLouvre Vents are available as an optional extra, with or without an automatic opener, for all models.

EXCLUSIVE to ALTON
AltonVentaccess available as a manual opening as standard on all Amateur and Traditional models.



Choose an Alton for maximum fresh air to all parts of your greenhouse, helping to fight off decay and essential for producing strong and healthy plants.

We all know plants require regular watering but clean natural fresh air at all levels is of equal importance to produce those healthy plants. Opening a door is not enough, the air should be circulating around the greenhouse, removing the hot air and replacing it with fresh milder air, especially at ground level where plants are vulnerable to the 'grey mould' disease.

Alton Amateur and Traditional Greenhouses have an already impressive reputation in the cedar greenhouse market and the options on their ventilation systems only reinforce this. Ground level 'ventaccess' on alternative bays come as standard, mid level louvre vents and again alternative roof bay vents (both available with automatic openers as an optional extra), gives the most impressive air circulation as the illustration above shows.

The range of Octagonal greenhouses again have been designed to provide plenty of light and ventilation.

...AND WHY VENTILATION IS SO IMPORTANT



Doors, always an excellent way of getting extra air movement. But it is not always practical to keep the door open, so it should not be relied on as a way to ventilate your greenhouse. Double doors are available on the larger Amateur model which gives further ventilation possibilities - plus it provides an enormous step free opening - ideal for wheelchair access.

The models which have a lantern roof come with an automatic opener(s) as standard. All models come with a large variety of ventilation options, manual opening high level vents, side windows, mid and or low level louvre vents.

The Alpinehouse - ideal for growing alpiners - has the ultimate ventilation system which gives the maximum light and air circulation available. See page 22 for details.

Talk to your local retailer, for full details freephone **0800 975 8896** or visit the website www.AltonGreenhouses.co.uk

Those little design features that make all the difference to you...

**SAVE £££s WITH GREAT PACKAGE OFFERS
TALK TO YOUR LOCAL RETAILER - TODAY!**



TRADITIONAL LEAN-TO GREENHOUSES
BIG on growing space - economical to heat

INCLUDED AS STANDARD

- Toughened Safety Glass
- Concrete base kerbs
- Roof vents*
- AltonVentaccess*
- Number of vents will increase dependent on length*
- Kerbless threshold
- Full length glazing sections
- Factory applied preservative treatment
- Guttering and downpipes



ALTON TRADITIONAL LEAN-TO Models shown above are 5'0" x 10'6" / 1.52m x 3.20m buildings - with a door in the right hand side

A Traditional Lean-to is an ideal greenhouse to place on a spare wall! Perhaps space may be at a premium or you wish to have extra sheltered growing space near the house, what ever the reason a Lean-to greenhouse is the solution.

There is plenty of room for your seed trays and to propagate the tender plants - with staging and high level shelving. The wall which acts as a radiator (warms up during the day and slowly releases its warmth during the night) can be used to grow delicate fruits such as grapes, peaches etc.

Ideally placed on a south facing wall a Lean-To will then maximise the available natural light and warmth.

With the extra ventilation (available as optional extras), a Traditional Lean-To becomes a very efficient and cost effect greenhouse.

FREE TEN YEAR GUARANTEE
ON ALL ALTON CEDAR FRAMES

SEE BEFORE YOU BUY
VISIT YOUR LOCAL ALTON RETAILER

EASY TO ASSEMBLE
PRE-GLAZED SECTIONS & FULL INSTRUCTIONS

LEAN-TO	STANDARD LENGTH				RIDGE Height	DOOR OPENING	
	5'0" wide 1.52m wide	5'6" 1.67m	8'0" 2.43m	10'6" 3.20m		13'0" 3.96m	Width
					7'9" 2.36m	2'4" 0.71m	5'11" 1.80m

Eaves height is 5'4 1/2" / 1.64m for all models. Longer models are available on request, plus extension modules to add at a later date. Maximum internal clearance at ridge is 7'4" / 2.25m from ground level (assuming concrete base kerbs are used). Flashing between the wall and the Lean-to Greenhouse is not supplied. All dimensions are external. Heights include 5" / 13cm concrete base kerbs.



COLD FRAME

NEW – Perfect for keen gardeners, this is the ideal accessory for hardening plants, sowing seeds and to winter over your perennials.

Probably the largest cedar cold frame available, complete with toughened safety glass, variable ventilation level settings and the added benefit of purpose designed concrete base kerbs (impervious to frost and water helping anchor the cold frame to the ground).

Width: 5'2 1/2"/1585mm Depth: 3'6 1/4"/1075mm
Back height including kerbs: 1'9 1/2"/547mm
Front height including kerbs: 1'4 1/2"/420mm



GREENHOUSE ACCESSORIES

Get even more out of your greenhouse...



DOUBLE DOOR

Amateur 10' / 3.04m model only

An option available only on the 10'/3.04m wide Amateur, which provides an enormous step-free opening 4'4"/1.32m wide - ideal for wheelchair and wheelbarrow access.

ADDITIONAL DOOR

Amateur and Traditional models

An additional sliding door - to provide a door at both ends of the greenhouse - is available for the Amateur and Traditional models, if ordered together with your greenhouse.



STAGING & HIGH LEVEL SHELVING

Alton pre-treated timber staging is available in a variety of widths and lengths to fit all greenhouses in the range. High level shelving is ideal for individual pots and small trays. It provides useful extra growing space above the staging. The shelf sections are 12" (30cm) wide and supplied complete with all fixings.



INTERNAL PARTITION

Amateur models only

Available for the Amateur 8'0"/2.43m and 10'0"/3.04m wide models only. Internal partitioning allows you to keep different parts of the greenhouse at different temperatures for hot/cool house versatility.



CLIP-ON PANELS

Amateur and Traditional models

Amateur and Traditional greenhouses can be used with clip-on fit cedar cladding panels – available as an optional extra – which simply clip over the outside of the glass. These give you year-round versatility – clad to staging height all round for maximum heat retention in winter or for growing ferns in summer; glass-to-ground all round for growing tall subjects such as tomatoes or gladioli; or partially clad for the best of both worlds. Not available for the Popular model.



GREENHOUSE ACCESSORIES

Get even more out of your greenhouse...

EXTERNAL SHADING



Specialist U/V stabilised greenhouse shading material in green for fitting on the outside of the greenhouse. Only external shading keeps both the heat out and stops the burning of delicate plants and seedlings. Available with a standard drop of 8'

/2.43m and in a length to suit your Amateur, Traditional and Popular greenhouse, each kit is supplied complete with fittings so it can easily and quickly be put on or taken off as required. Provides 70% shading and is flexible enough so that roof vents can operate quite easily beneath it. Octagonal greenhouses have a 'one piece' which drops over the roof similar to a large table cloth.

NEW INTERNAL GREENHOUSE SHADING BLINDS

Discreet when open and effective when closed, these easy to use roller blinds fit within each glazing section providing shade to easily damaged plants and vegetables.



EXTENSION MODULES

All Amateur and Traditional Greenhouses can be extended in length in either direction using the pre-treated extension modules. You simply remove the greenhouse end panel, bolt the extension modules in place and then replace the end panel.

GUTTERING ADAPTOR KIT

Suitable for all freestanding Amateur and Traditional models. Sufficient components to connect together both sides of the existing guttering and take the water to a single point. Such as into a water butt.

VENTILATION



LOUVRE VENTS

Available with Manual or automatic opener

Extra side ventilation can be provided by fitting louvre vents at staging height. Use them in conjunction with roof ventilation and Ventaccess panels to promote healthy air circulation at all levels of the greenhouse.

Increased roof ventilation can be provided to most models, if required, by ordering additional roof vents. It is recommended that this is done while ordering your greenhouse, as fitting an additional vent once built can be problematic.



AUTOMATIC OPENERS

Automatic openers are also available, so extra ventilation can take place in your absence. Just set and forget. These units automatically open and close vents in response to climatic conditions.



ROOF VENTS

With an automatic opener



ROOF VENTS

With a manual opener