

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!**



ALPINEHOUSES
Extra light - extra ventilation



INCLUDED AS STANDARD

- Toughened safety glass
- Concrete base kerbs
- Maximum Ventilation**
 - NINE manual opening windows
 - FOUR manual mid level louvres
 - NINE manual low level louvres
- Staging on two sides and rear infill
- High level shelving on two sides



ALTONALPINEHOUSE - White

Model shown has been painted by the owner using a microporous white paint system

ALTONALPINEHOUSE

Model shown is 8'6 1/2" x 6'0"/2.60 x 1.83m featuring the specially designed features giving extra ventilation and light.

Alton's new Alpinehouse, which is being featured on BBC Gardener's World, has been designed with almost endless ventilation possibilities. Two roof vents with automatic openers, nine manual high level windows, four manual middle louvre vents and nine manual low level louvre vents. In addition the door, which can be positioned to either the right or left, can be opened 180° to give maximum air movement and accessibility.

This new greenhouse is ideal for growing plants which require extra light and ventilation, such as alpiners. Although it was designed by professional alpine growers, the Alpinehouse is not exclusively for alpiners - all healthy plants require good ventilation and light to prosper, so let your gardening creativity blossom!

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

ALPINEHOUSE	DEPTH	WIDTH	RIDGE Height	EAVES Height	DOOR OPENING	
					Width	Height
6 x 8 model	6'0 5/8" 1.84m	8'6 1/2" 2.60mm	7'10" 2.39m	6'2" 1.88m	2'2 1/2" 0.67m	5'11 7/8" 1.83m

All dimensions are external. Heights include 1 3/4"/4.5cm concrete base kerbs.



OCTAGONAL ACCESSORIES

NEW GLASS TO GROUND

New glass to ground panels are available to replace existing cedar panels on all Octagonal greenhouses



Any of the lower panels, except the door, can now be supplied with toughened safety glass rather than the cedar cladding. It is advisable to select this option when ordering your greenhouse rather than later.

AUTOMATIC OPENERS

Pre-fitted into all roofs and lanterns in the Octagonal range. But if you wish automatic window openers can be fitted to the side openings – just set and forget!

WINDOWS

Extra side windows can be added to give extra ventilation. Positioning of these windows vary depending on model so please check with the retailer before ordering. Don't forget these windows can also have automatic openers fitted.

VENTS



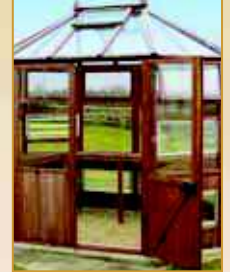
For even more ventilation one or more cladding sections can be replaced with a low level vent in a partially clad section. Fitted with glass louvre vents these panels can replace any cedar section except the door. Again

the manual openers, which come as standard, can be replaced with automatic openers.

NEW DOUBLE DOORS

Available on the Octagonal range of greenhouse.

This new option increases the amount of easy access to your



greenhouse, providing ample space for wheelchair and wheelbarrow entry and exit. Please select this option when ordering your greenhouse rather than later.

OCTAGONAL SHADING

Help protect your crop on the brightest of days by choosing the Octagonal greenhouse shading made from a specialist UV stabilised material, the green shading is one piece and designed to drop over the roof.



Example of how to gain more ventilation

- Top** - a manually opening window, fitted as standard on all octagonals
- Mid level** - an optional stage height louvre vent, can be a manual or automatic opening
- Low level** - an optional louvre vent opening built in to the cedar cladding, again manual or automatic opening (see opposite).

We are extremely pleased with our Octagonal greenhouse, it was so easy to construct and the instructions so easy to follow.

MRS E. · DORSET