



STOCKER HORTICULTURAL & HYDROPONIC SUPPLIES (2004) LTD

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Redpath Greenhouses - Commercial

Super-Twin



Redpath's Super-Twin design has been developed to meet the many needs of the modern grower. This structure's cosecant curved rafter design has been developed by Redpath in line with the latest overseas technology and has many fundamental advantages over traditional straight rafter designs.

A curved rafter provides superior light transmission, speedy and controlled drainage of internal condensation and improved airflow and humidity control. This feature packed greenhouse design boosts both crop production and crop quality.

Super-Twin utilises low maintenance long-life materials for reduced operator costs. These include low maintenance rack and pinion ventilator drives, hot-dipped galvanised steel sections at all critical points, fully bolted structural connections, long life 200 micron Duratough film is utilised.



Super Single

Redpath's Super Single design incorporates features from both the Super-Twin and Super Light models. It combines the efficient and effective "Eziwinder" rollup sidewall ventilation system with quality full-length rack and pinion roof ventilation.

This combines thru-ventilation system provides growers with a highly efficient environmentally controlled structure at a reasonable cost. Both the roof ventilation and roll-up-wall ventilators can be fully automated with electric motor drives operated by computer controllers. All the advantages of the Redpath cosecant curved truss are still available to the operator allowing excellent production potential for high quality crops.



Crop Cover

Redpath's 9.1 metre (29'11") width crop cover offers improved flexibility. The wider span, when combined with a sidewall height of up to 3.5 metres (11'6") high, allows enhanced control of humidity and temperature fluctuations.

The large span also allows greater options when planning bench and walkway width

spacings. The 9100CC Crop Cover (pictured above) series is an economical design that utilises an all "bolt together" frame portal. This allows speedy and efficient construction on site by the owner or by Redpath's builders.

The 9100CC model includes as standard the Redpath Eziwinder rollup wall system along both sides of the structure. These may be automated as an optional extra.

Vented Arch

Redpath's classic vented arch combines the efficiency of a simpler tunnel house construction with a quality rack and pinion controlled full-length gutter roof ventilation system. The vented arch design lends itself to high quality crops. Popular in Europe, the "gutter vent" design offers a grower the added flexibility of being able to open the roof vent partially in wet



conditions, without allowing excessive weather in. When closed, the roof ventilators utilize the internal walkthrough gutter to shut down onto.



This provides efficiencies in both performance and cost. The roof vents are operated automatic electric motor gearboxes as a standard feature. A selection of computer controllers is available for accurate monitoring and control. The 7500 FI vented arch model (pictured above and left) also includes the Redpath Eziwinder roll up sidewall ventilation system for the full length of both sidewalls as standard. These are

manually operated, however, they can be easily automated as an optional extra. Vented Arch is supplied with heavy-duty long-life singleskin 200 micron Duratough greenhouse film cladding or a thermally efficient twinskin cladding may be fitted if required.

Due to the versatility in sidewall height and venting along with different sizes of these structures, pricing can vary depending on your needs. We offer a free design and costing service with ongoing advice and materials at very competitive prices.

If you have any queries or think you would like to try Hydroponics, please contact us one of the following ways:

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