



# GREENHOUSE SOLUTIONS

*Internationally recognised, state of the art greenhouses... that promise your crop a great future!*



## THE NEW MULTISPAN 800/960 PAD AND FAN

## THE ULTIMATE SOLUTION FOR GREENHOUSE CULTIVATION IN HIGH TEMPERATURE AREAS

## FULLY CLIMATE CONTROLLED.

### The Advantage is Yours

The multispan Pad and Fan Greenhouse has been developed to give optimum growing conditions in extremely hot locations where mechanical air conditioning is required.

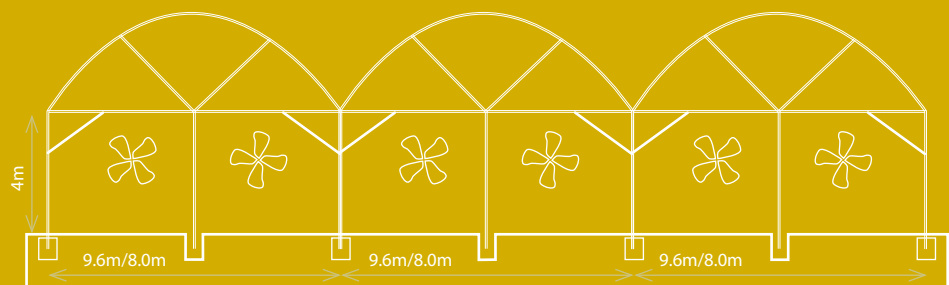
State of the art greenhouse technology from Europe combined with our modern manufacturing plant, ensure a synergy that is almost impossible to match.

A maintenance free greenhouse, fully galvanised and covered with superior 3 layer co-extruded film. Very easy and fast to build, even with unskilled labour. All components are prefabricated, the modular system can be built in any size in multiples of 8.0 meters x 4.0 meters or 9.6 meters x 4.0 meters.

Evaporative cooling pads and super efficient exhaust fans are the major feature of this greenhouse. The principle of this system is that outside air is cooled by drawing it through continually wetted pads.

The system can also be linked to sensors and a mini computer for fully automatic operation.

Multispan	800	960
Bay width:	8.0m	9.6m
Span:	4.0m	4.0
Gutter Height:	2.5-4m	2.5-4m



Fan Pad

## A Modular System

Any Greenhouse dimension can be built based on the following modular specifications:

- Bay Width: 8.00/9.60m
- Column distance under gutters: 4.00m
- Column height under gutters: 2-3m

## Film cover

- A range of 3 layer co-extruded Greenhouse Covers are available.
- Diffused film with a cooling effect during the day and thermic effect at night.
- Maximum Light Transmission
- Light Diffusion
- Anti Pest – Anti Viral Effect
- Anti Condensate and Anti Drip
- Anti Fog and Anti Dust
- Sulfur Resistance

## Fixation of the film

Fixed with special Aluminum profiles with spring steel insert that are re-usable, easy and fast to handle. No plastic parts used.

## Pad and Fan System

Super efficient, 6 bladed exhaust fans and our specially designed pad provide you with optimum growing conditions, even in the hottest climates.

## Foundation

Galvanised prefab steel elements in concrete.

## Corrosion Protection

All components are galvanised or aluminium.

## Greenhouse Doors

Single or double sided sliding doors can be fitted anywhere on the front gables or sides.

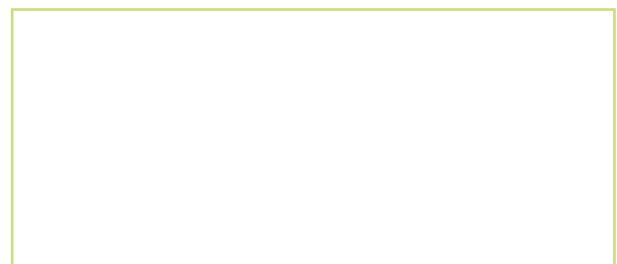
## Rain Water

Special high volume tropic gutters are included.

## Optional Features

The Multispan Pad and Fan can be equipped with several optional features:

- Internal manual or automatic shade/energy screen
- Roll up outside roof shading system
- Insect netting in rooftop and/or sides
- Manual or motorised roll up side screens
- Motorised rooftop outside shade screen
- Fogging system to reduce high daytime temperature for extra cooling
- Integrated rail transport system to transport flowers, plants etc.
- Galvanized Benches for pot plants, propagation trays, etc.
- Mini computer climate controller with light, wind, rain and temperature sensors.
- Full growing systems complete with substrates
- Irrigation and Fertigation



Authorised Distributor

### 3 Layered Greenhouse Covers

Maximum light transmission up to 91%. Diffuses light up to 75% helping even spread of light, preventing burning of plants and reducing the temperature inside the greenhouse.

The thermic effect of film reduces the day-night temperature inside the greenhouse.

