

**Van der Hoeven**

Horticultural projects with IQ

# Growing Cannabis



Van der Hoeven Horticultural Projects has been designing and building turn-key greenhouse projects since 1953. By offering complete tailor made solutions for growers all over the world, Van der Hoeven provides them with maximum return on investments.

In addition to the semi-closed ModuAIR and patented HACo greenhouses, in which the outside air is both cooled down and dehumidified, Van der Hoeven designed an even more closed greenhouse, in which there is also control of the air going out of the greenhouse. Perfect for growing cannabis.

Carbon filters can be installed, to clean the air going out of the greenhouse and prevent odor issues.

Black-out screens will be installed, to prevent light pollution, and to guarantee the 12-12 cycle in the flowering phase, and the 18-6 cycle in vegetation.

The amount of windows are minimized or completely left out, reducing light loss of the structure.

Sustainable stainless steel insect netting keeps insects out and makes it easier to grow pesticide free.

A pad cooling system can be installed to both cool down and dehumidify the outside air.

Air passage allows for reuse of CO<sub>2</sub> and heat, to save energy costs.

Additional heating/cooling modules can be installed.

The greenhouse maintains a slight overpressure which creates a more homogenous climate, critical for even cropping and not giving insects a chance to get in the greenhouse.

Grow lights will be part of the turn-key solution.



Automated bench system will be advised, resulting in less labour costs, and better hygiene control.

Perforated air ducts below plants allow for an even distribution of air.

EC-Fans individually controlled.

CO<sub>2</sub> is directly pushed in the climate chamber.