

The main problems created by excess humidity: 溼度主要產生兩大問題:

- 1.) Diseases, such as botrytis, are created by humidity
病害 - 灰黴病
溼度增加更多灰黴病孢子
- 2.) Energy loss – humidity conducts heat to the canopy of the greenhouse; typically, humidity is released by opening the greenhouse windows, which leads to energy loss
能量損失 - 濕度影響溫室的熱能含量; 般溫室降低濕度的方法為打開天窗, 但卻會造成能量的散失

AGAM VLHC

AGAM's technology enables the grower to keep the greenhouse windows closed. AGAM's technology also eliminates fungal spores in the greenhouse.

AGAM 是個可以保持天窗關閉又同時降低濕度的科技,同時也能清除溫室內灰黴病的孢子。



Energy use in China

The Chinese government is working to reduce the use of coal and increase the use of cleaner energy sources.

在中国—政府对煤炭的用途及是新能源的开发都有了新的新的方式—这是进入市场的正确时机

Coal is also less efficient than other sources.

煤炭比其他能源更低效

AGAM's technology creates green energy, in that it converts the humidity in the greenhouse into sensible heat.

AGAM 的技术也使用绿色能源，它把温室内的湿度转化为真实的温度

Humid air enters



Hot, dry air comes out



Diluted brine is transferred to the regenerator,
where it is reconcentrated and the condense
water is expelled



Technical information:

Air is pumped into the machine – 9000-11000 square meters an hour

空氣被打入機器中 – 每小時9000–11000立方的空氣

The machine heats up to about 37 degrees Celsius.

鹽反應-加熱-36-37度

The brine in the machine is hygroscopic lithium chloride.

氯化鋰.吸濕.

Chrysanthemum - Danziger



Lynch Roses - Kunming

