

Ethylene scrubber

Control your Atmosphere,
Maintain the high Quality
of your products



- **The most effective process for cost and efficiency of ethylene and aroma removal in coolstorage areas. Fixed model for controlled atmosphere and mobile model for normal coolstore applications.**
- **Eliminate ethylene in your products.**

HortAir
Services
Atmosphere Management

Jason Anderson
Director
027 2959623



● **Two versions of the Ethylene scrubber are available : fixed or mobile.**

For Controlled Atmosphere, the unit is designed to be gas tight and is equipped with connections and pipes which allow an outside installation.

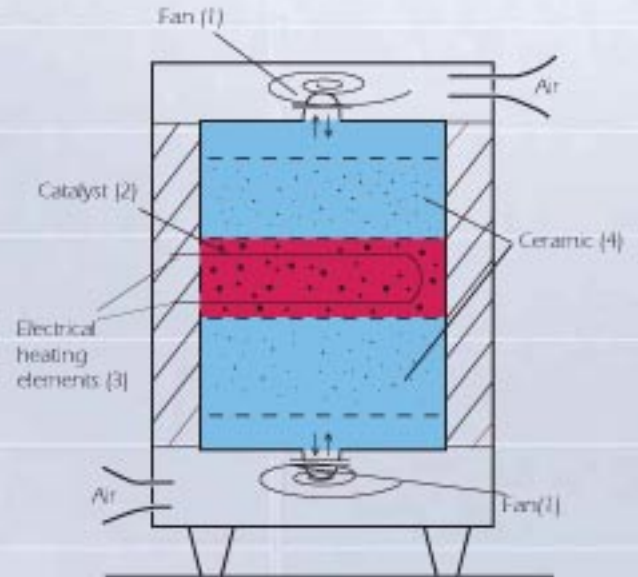
● **Ethylene scrubber :**

- maintains an ethylene level **below** 0,02 ppm, for kiwi fruit conservation,
- eliminates the need for chemical products (antioxydant) for some varieties of apples which are sensitive to scalding, provided the values remain close to 0,1 ppm,
- allows melon sellers and wholesalers to hold stock in better condition and have greater marketing flexibility,
- the use of ABSOGER ETHYLENE SCRUBBERS will give you longer storage for the following products :

tomatoes, cucumbers, salads, avocados, sprouts, melons, mangos, papayas, peaches, kakis, plums, leaks, kiwi fruits, pears, apples, bananas, apricots, carrots, endives, oranges, lemons, mushrooms, onions, potatoes, etc. ...

● **Working principle of a mobile unit :**

Cold room air is drawn in by one of the fans (1). Existing ethylene is burned in the central part (catalytic layer, 2), which is kept at 230° - 260°C, by an electrical heating element (3). Then, the air cools down while passing through at heat exchanger (ceramic, 4) and it comes back into the room without the ethylene molecules. Flow directions are inverted periodically so that the recycled air temperature is close to the room temperature.



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	Length (mm)	Depth (mm)	Height (mm)	Weight (kg)	Power (kw)
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mobile	CE 50	230 v	350	350	950	80	0,5
mobile	CE 200	230 v	500	550	1600	180	2,6
mobile	CE 400	230 v	700	720	1600	250	3,6
fixed	CE 400	400 v	700	720	1600	250	3,6

* Capacities of scrubbers can vary according to fruit varieties.

* Standard units : for any specific application, we will advise on correct model to use.

