



Palliflex

Maximum storage flexibility

VAN CA technology
AMERONGEN

Palliflex400

maximal storage flexibility

For long-term storage, fruit requires a specific temperature and a specific O₂ and CO₂ value. This demands a full automatic climate control system, such as our newest Palliflex400. Up to 400 pallets can be stored for a short or long-term period under various Controlled Atmosphere (CA) conditions. The system is ideal for the storage of various high-valuable soft fruits and some varieties of vegetables. Pallet storage means you can always distribute a part of the stock without unbalancing the storage conditions of the other units. In this way you minimize product fallout and maximize your margins because of flexible anticipation on the market.

The system

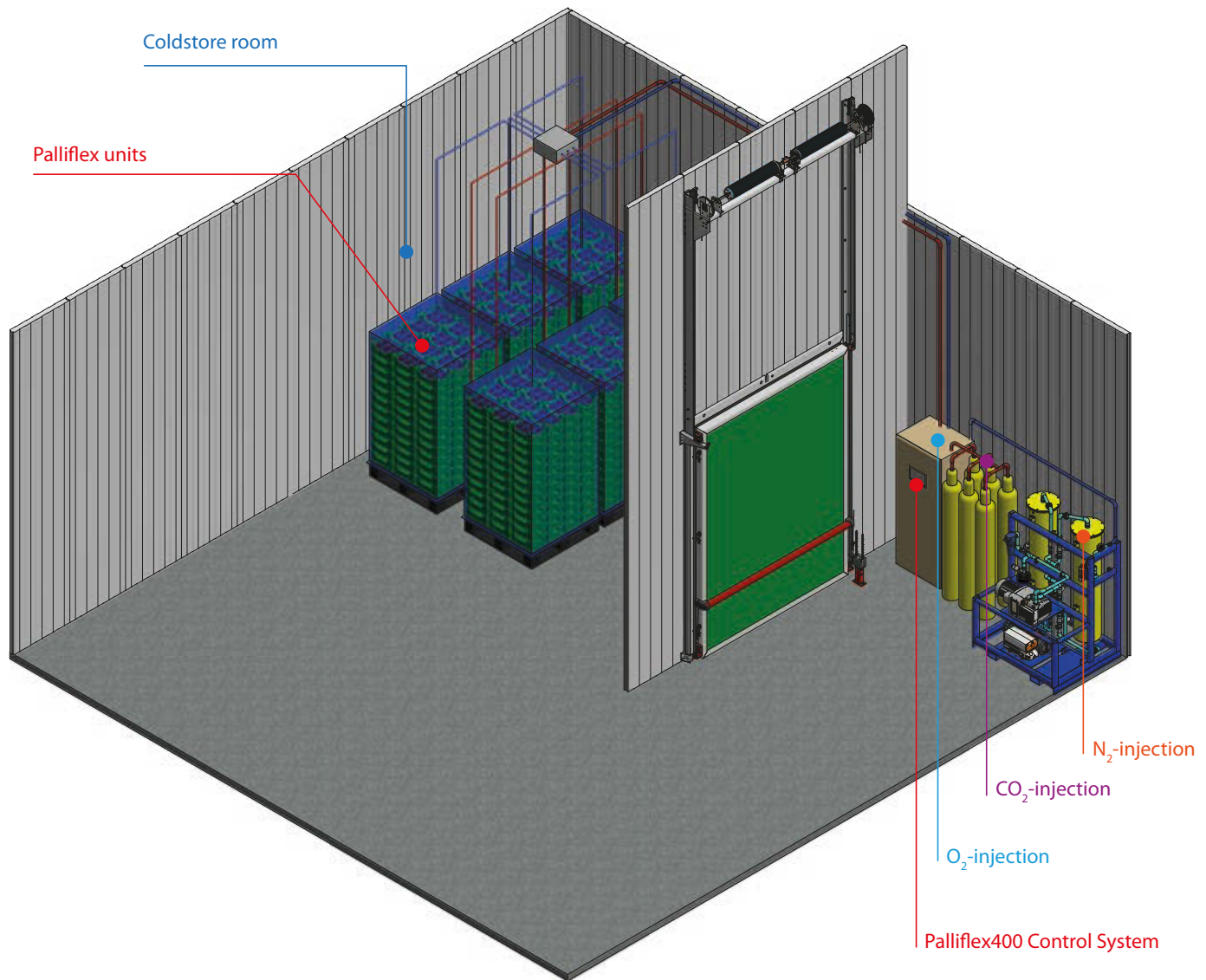
The Palliflex400 unit comprises of a cover and a special plastic pallet upon which the product crates

or packing cases can be placed. A gastight, transparent cover is pulled over the product. The sizes of the cover are 1.0 (L) x 1.2 (W) and up to 2-5 meters in height, with which, depending on the product/package, from 200 up to 1000 kg can be stored per unit. The control system measures the gas conditions several times per day, and corrects these when necessary with adding CO₂, N₂ or O₂. Carbon dioxide is from gas bottles, nitrogen from a N₂-generator and oxygen from ambient.

Flexible and modular

Palliflex400 is a modular system, with a minimum of 10 and a maximum of 400 units. The system can easily be extended. Palliflex400 is equipped with max. 4 App|ell measuring circuits that can each serve 100 covers.





Palliflex400 control system:

- Control CA conditions per unit, with individual gas conditions
- Modular system, between 10 and 400 units
- Temperature measurement in the product
- Storage protocols per variety integrated in the software
- Distance control via PC or Tablet (Windows based)

Palliflex storage unit:

- No cross-contamination of fungi possible
- Easy to remove per pallet for market entry
- Control of distribution for maximize the selling price
- Palliflex pallets are fully syntactic
- Low-cost recyclable cover





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