

LA NATURA PER CONSERVARE

CO<sub>2</sub> adsorbers



The **INTELLIGEM FB**® *adsorbers* represent the evolution of the historic Fruit Control adsorbers for CO<sub>2</sub> adsorption in CA stores. The apparatus consists of two tanks filled with active carbons which give continuous adsorption on the room. The apparatus is designed to contain the entire plant design for management of the various CA storage cells.



#### ADVANTAGES

- **Energy saving** using a patented system, for the optimal application of the regeneration and adsorption cycles.
- **Interception valves** already preassembled inside the machine to control several rooms.
- Thanks to this device external valves are not necessary, the machine may be connected to several CA cells.
- **Electronic control panel complete with touch screen and PLC** that can be connected to the analysis and management system via network cable.
- **Oxygen control** inside the rooms using our patented system.
- **PT:** touch screen key for pressure test of the rooms.

#### OPTIONAL ACCESSORIES

- **“NRS” system** (nitrogen regeneration system) which permits further improvement on the machines’ performance in HLO (Hyper Low Oxygen) and ILOS conditions.
- **TFA system** (Total Fully Automatic) integrated analysis system, with two on-board O<sub>2</sub>/CO<sub>2</sub> analysers and a control system that allows the operators’ pre-set oxygen and carbon dioxide values to be maintained automatically employing solely the on-board electronics .
- **GA** integrated analysis system for monitoring the CO<sub>2</sub>/O<sub>2</sub> concentrations and data transmission to an external PC for total plant management.

