



YOUR COLD STORE ON AUTOMATIC PILOT

To operate a fully automatic system in your cold store is, in short, the strength of the Besseling Atmospheric Control System (ACS).

Besseling has designed their own measuring and controlling system which allows your cold store to operate fully automatically. You just need to set the desired parameters and the system will measure, adjust and maintain the selected atmosphere. For instance, the system can control and adjust:

- O₂ (oxygen)
- N₂ (nitrogen)
- CO₂ (carbon dioxide)
- C₂H₄ (ethylene)
- T (temperature)
- RH (relative humidity)



The unique features of this system: In addition to the CA/ULO installation, every type of cooling device can be controlled. ACS activates the cooling valves, defrosting valves and ventilators, depending on any preset target values. This all-in-one concept allows you to use the Besseling ACS to operate your entire cold store facility.

Extremely accurate tuning: The Besseling TPA-tuning converts a measured difference in the preset values automatically to a short or long reaction. For instance, a small difference is followed by a short reaction and a large difference by a long reaction.

The Besseling ACS can be connected to a computer that is equipped with BatNetWin™-software. Preset values can simply be adjusted (from a distance) and the measured data are automatically stored. These data can be produced in graphics or tables.

The Besseling ACS:

- *Simple menu-driven operation*
- *Continuous control of communication with all connected equipment*
- *Activation based on (among other things) on/off or analogue (0-10Volt of 4-20mA)*
- *Simple to compose 'recipes' (combination of preset values) with unique identities*
- *Can be operated at user-level or at management-level*

