



INTENSIVE CARE FOR YOUR COLD STORE

During a storage season, your cold store is subject to continuously changing circumstances, which may have direct consequences to the atmospheric conditions in your cold store. Besseling offers solutions for optimal protection and security.

Our catalogue includes complete systems with all the necessary parts. We also supply all components, necessary for a reliable functioning of CA/ULO-cold rooms, to cold store builders and contractors.

All our accessories are tested by practical experience and designed and produced to function free of breakdowns for years on end. For reliable CA/ULO storage, the best quality in protection and accessories is indispensable.



A selection of our products:

Buffer-Lung: As a result of changing air pressure and cooling and heating of air inside the cold room, the air volume is continuously subject to changes. In order to neutralize these variations, a so-called buffer-lung is installed. The air surplus in the cold room is absorbed and, if necessary when underpressure is created, introduced into the cold room again. This way, the undesired penetration of oxygen rich air is prevented.

Over-/underpressure-protection: under extreme circumstances, a buffer-lung will not be sufficient for the protection of the cold room. Therefore, in addition, all cold rooms need to be equipped with an over-/underpressure-protection which starts operating at an over-/underpressure of 10 mm water column. Extreme air pressure differences are created by way of intensive temperature variations, the weather, etc.

Aeration ventilator: An aeration ventilator keeps the CO₂ percentage low during storing and/or cooling periods and is in most cases installed in combination with an underpressure protection. After the storing or cooling period, this aeration ventilator will be used for the controlled penetration of oxygen in order to prevent the O₂ level in the cold room to drop too much.

Micro-manometer & measuring-tap: The micro-manometer is used for the continuous inspection of the over-/underpressure in the cold rooms and also to test the gastightness of the room. To take gas samples from the cold room, a measuring-tap can be used.

