

PRESSURE MEASUREMENT COMPONENTS



■ This high quality **WIK/A2G15** transmitter allows you to view pressure readings directly from a controlled atmosphere room, and has an electronic output of 4-20 mA which can be connected to a controller.

The pressure scale of -3 to +3 inches of water allows you to follow readings both in a vacuum and in positive pressure. It is important to avoid exceeding the range of -1" to +1", with an ideal pressure ranging from -0.5" to +0.5".

This device is installed outside the controlled atmosphere room; a 3/8" tube is connected to the interior of the room in order to measure the pressure differential between the room and the atmospheric pressure.

This allows you to prevent damage to the walls of storage rooms.

HYDRAULIC PRESSURE AND VACUUM ROOM SAFETY VALVES

TRIPLE-ACTION PROTECTION AGAINST THE IMPACT OF PRESSURE ON THE WALLS OF YOUR CONTROLLED ATMOSPHERE ROOMS (ATMOSPHERIC PRESSURE VARIATION + OVERPRESSURIZATION WITH NITROGEN INJECTION + DEPRESSURIZATION DURING EVAPORATOR DEFROSTING)

Pressure regulation

A modulating damper opens to release excess pressure.

Depressurization (vacuum)

Water is drawn into the column to allow only a small amount of air to enter; when equilibrium is reached, the water is released to seal the valve.

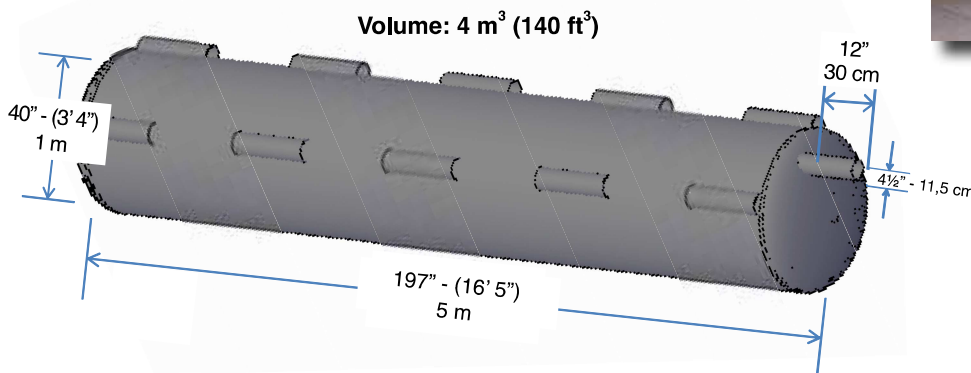
Excess pressure

To protect the structural integrity of the controlled room, water is blown out to release excess pressure.



PRESSURE-EQUALIZING AIRBAGS FOR CONTROLLED ATMOSPHERE ROOMS

■ Manage variations in the room's interior volume (150 tons or less) caused by changes in atmospheric pressure, evaporator defrosting and nitrogen injection.



- Save costs related to nitrogen injection.
- Increase stability in conservation.
- Help protect walls and ceilings (structural integrity of the room).
- Manufactured from highly durable leak-proof blue mate.