Use
Chlorine evaporators are used where higher volumes of chlorine above approx. 60 kg/h need to be dosed. Dosing quantities of this magnitude require the connection of a very large number of pressure tanks for gaseous discharge. This would be uneconomical.

The chemical-physical process at the chlorine evaporator must be carefully monitored and the correct measures initiated if necessary. Incorrect actuation or operation poses a risk of damage to the system and, in serious cases, could even result in the release of chlorine.

Experience is what counts
This is why JESCO offers a complete control cabinet to keep a watchful eye on the evaporator. The control system monitors all sensors on the chlorine evaporator and controls all actuators based on requirements. After being developed continuously for several years, the control system programme now enables simple operation of the entire process.

Technical data
- Voltage supply: 3x 400 V (-15%) 50 Hz (±1%)
- Power consumption: A Max. 50
- Control voltage: 24 V DC / 24 V AC
- Housing material: Sheet steel, painted
- Protection class: IP55
- Weight: kg 50 approx.
- Ambient temperature: °C 0 – 50 (no direct sunlight)

Functions
- Temperature control
- Switching the heating elements
- Additional temperature monitoring
- Level control of the water bath
- Switching the water valve
- Additional level control
- Monitoring the gas pressure
- Monitoring the contact pressure gauge at the rupture disk
- Control of a quick-acting valve
- Selector switch Manual – 0 – Auto
- Deactivating the evaporator for the gas alarm input
- Light indicator for operating signals and fault messages
- Operating signals and fault messages on the display
- Remote indication of operating signals and fault messages
- Main switch

Dimensions
All dimensions in mm