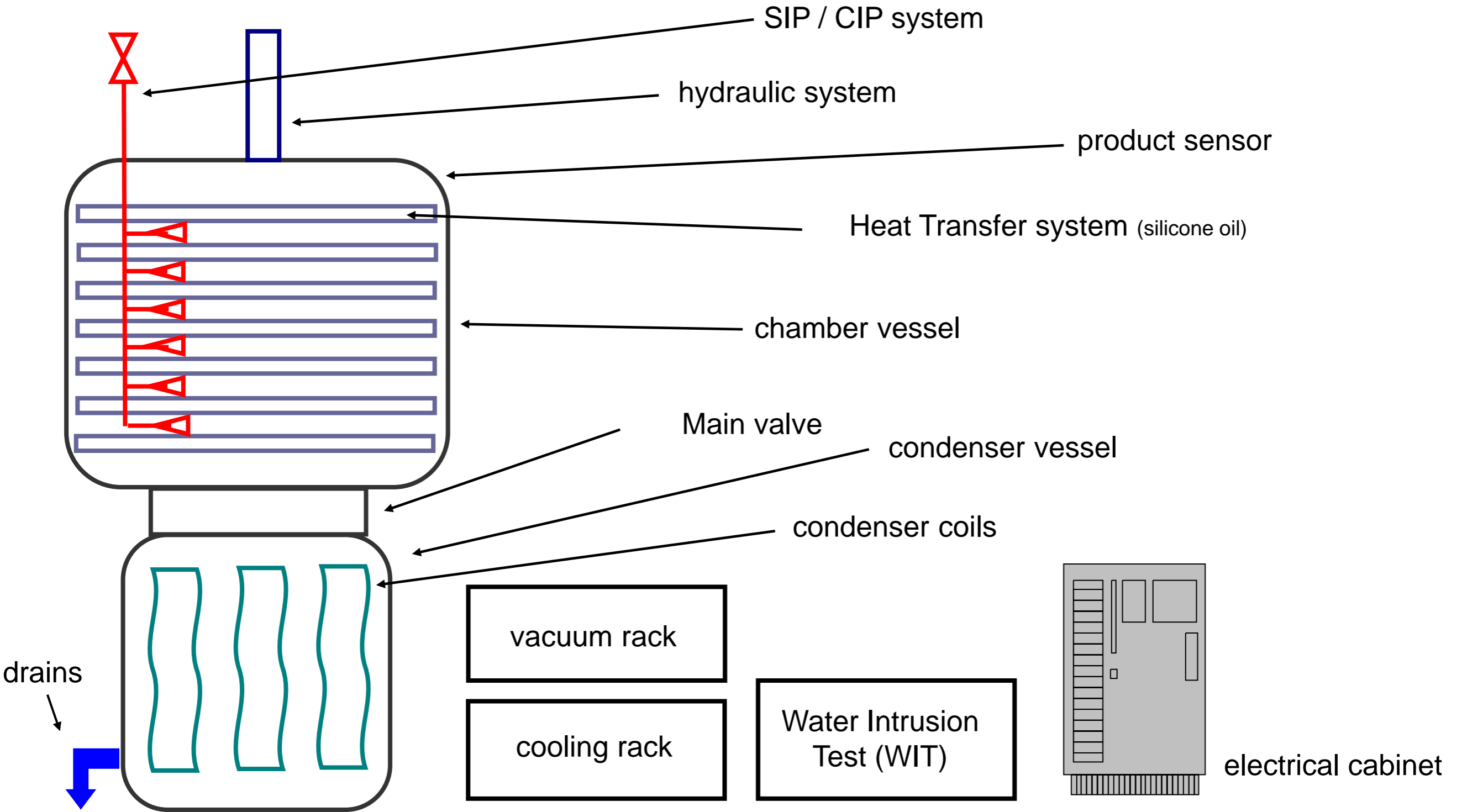
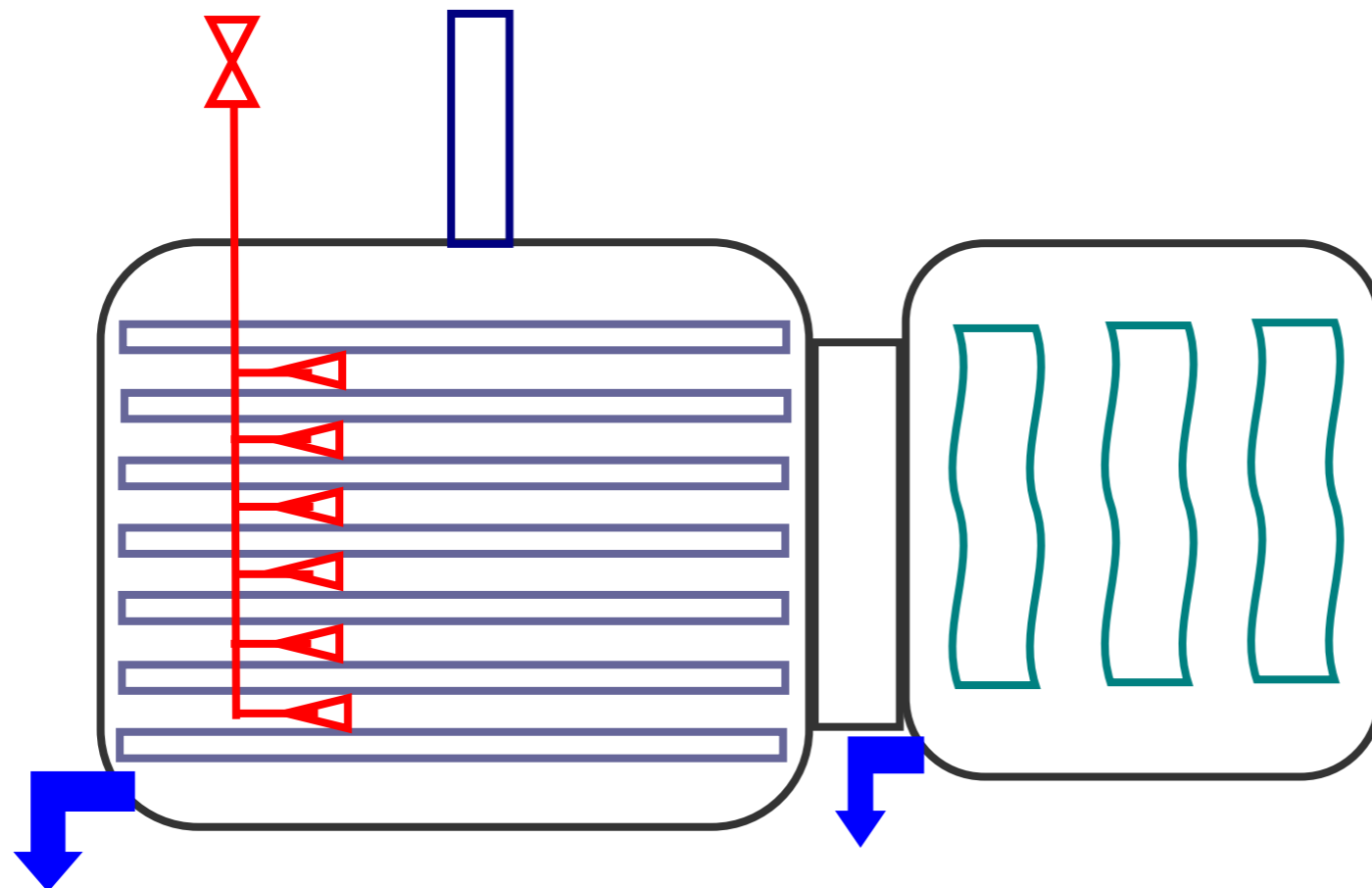


Theory 5:

Construction of freeze dryers

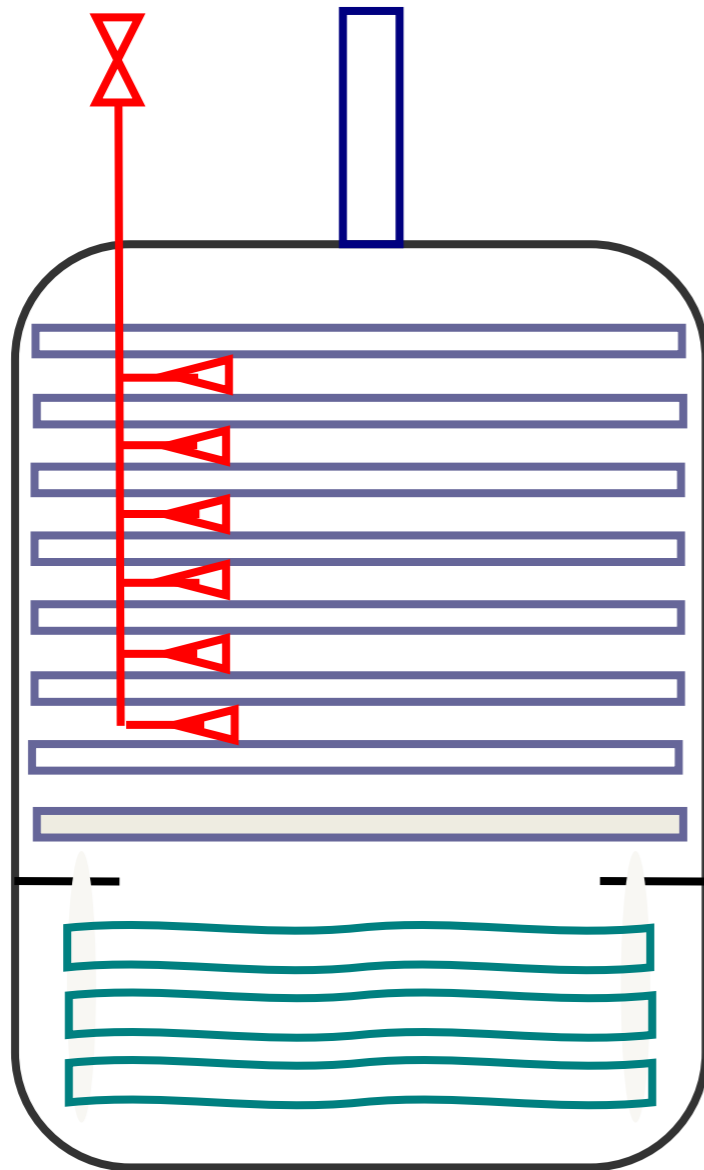
- construction of freeze dryers
- systems of freeze dryers
- different types of freeze dryers
- existing lines of freeze dryers
- parameters of freeze dryers





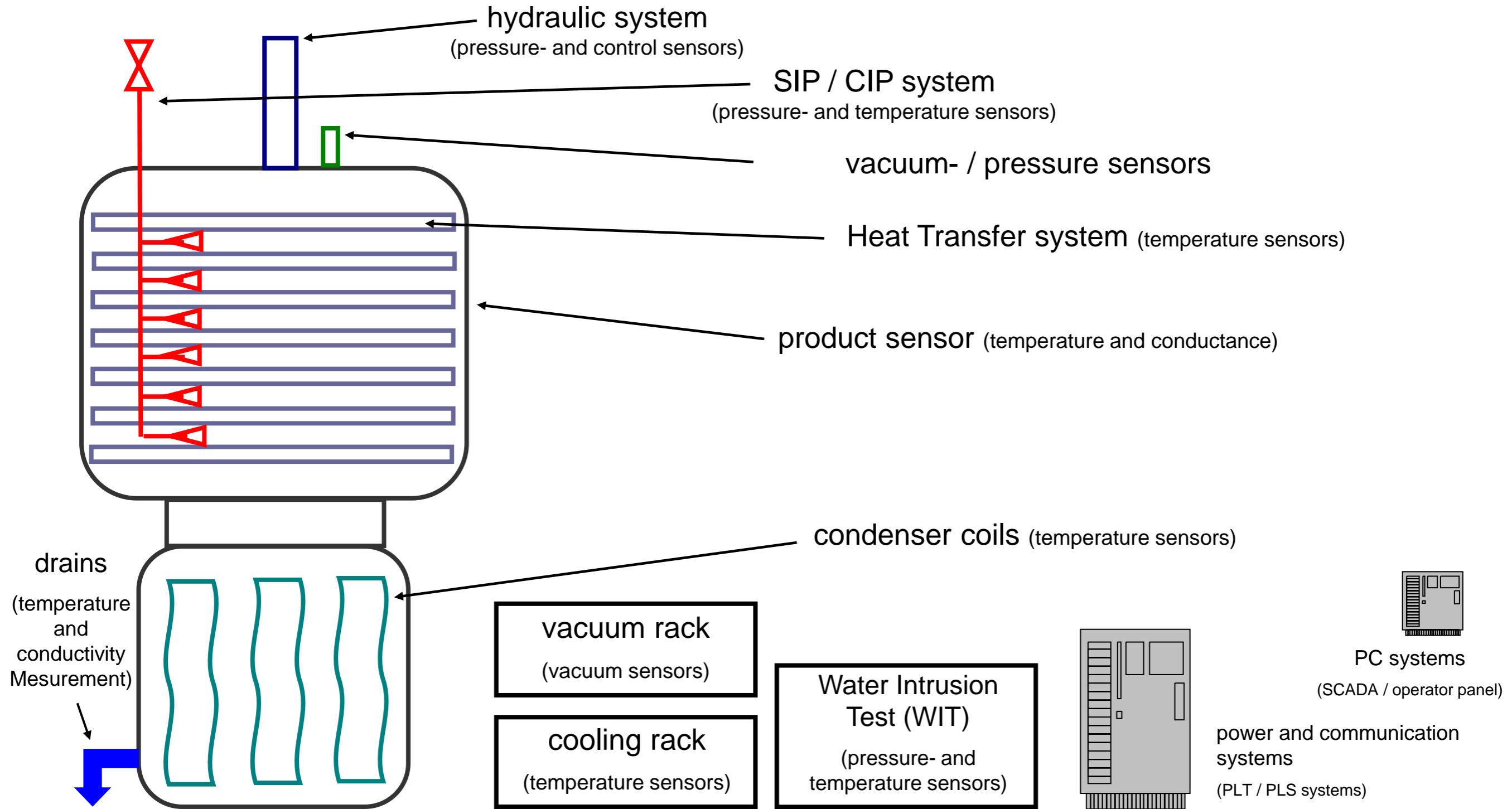
Side mounting of ice condenser:

- installation on one level
- potential risks for are the Radiation effects of the condenser to the vials which stand nearby the Main Valve



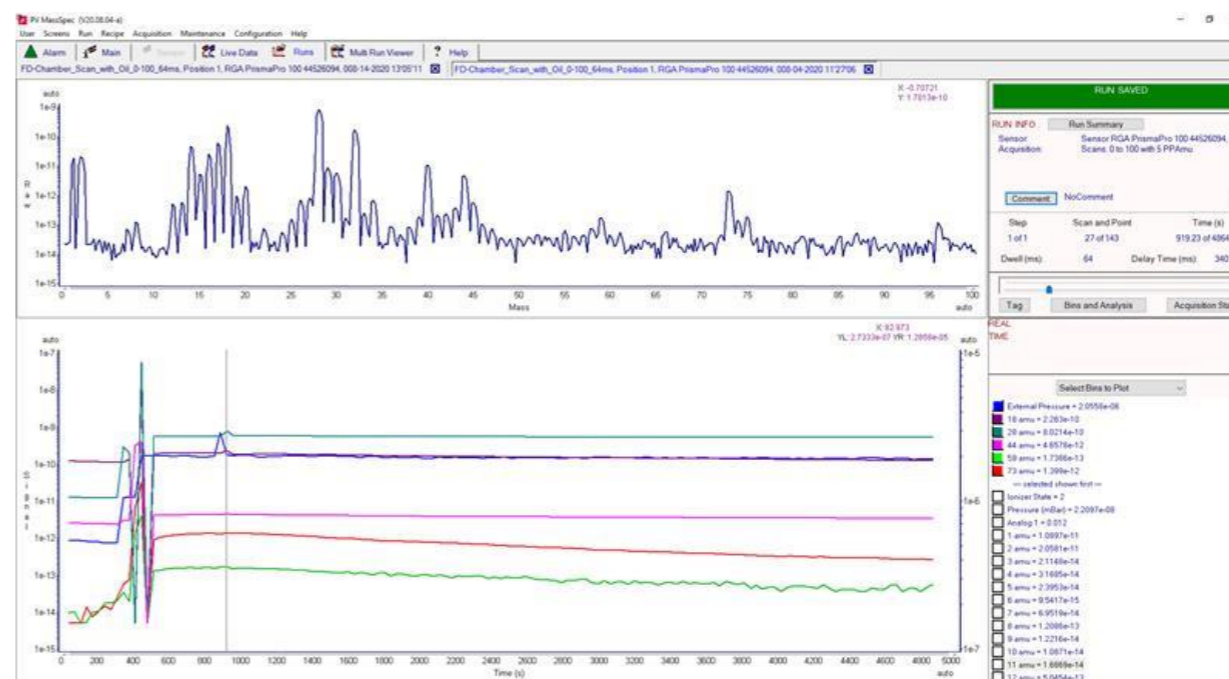
Compact design / one-chamber design:

- installation on one level
- compact design
- The Main Valve ist mounted on the Shelf Stack

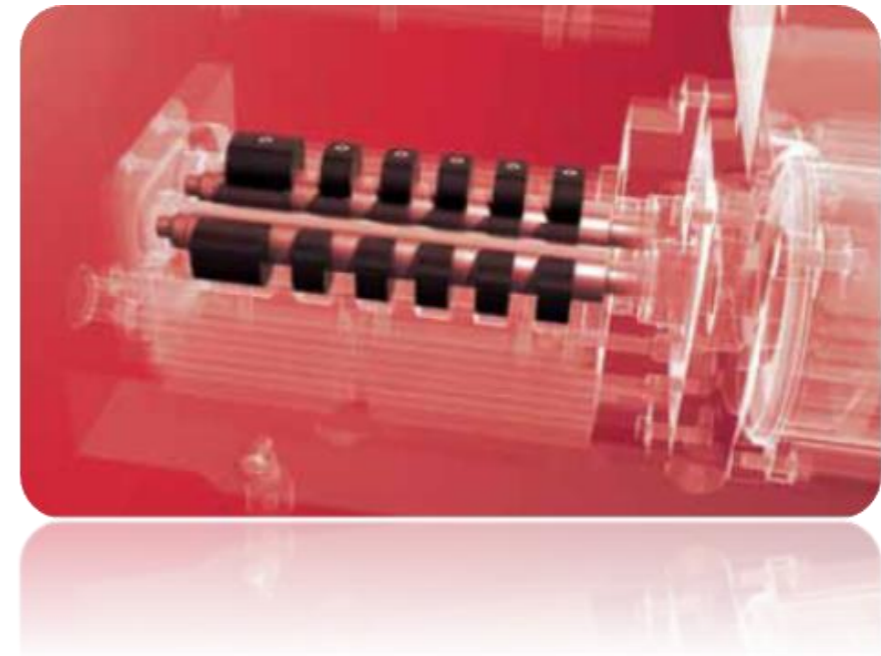
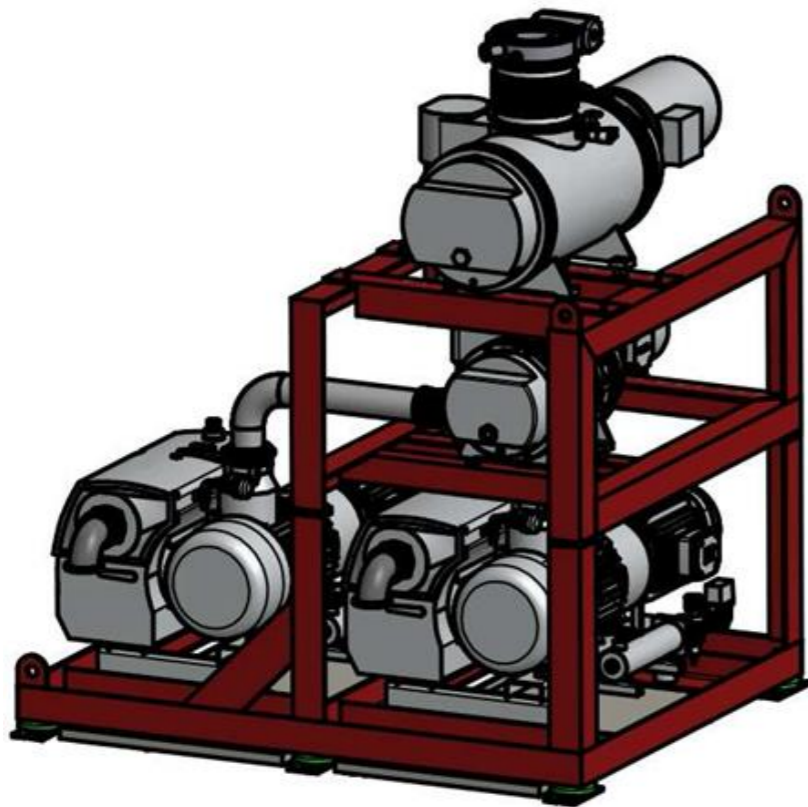


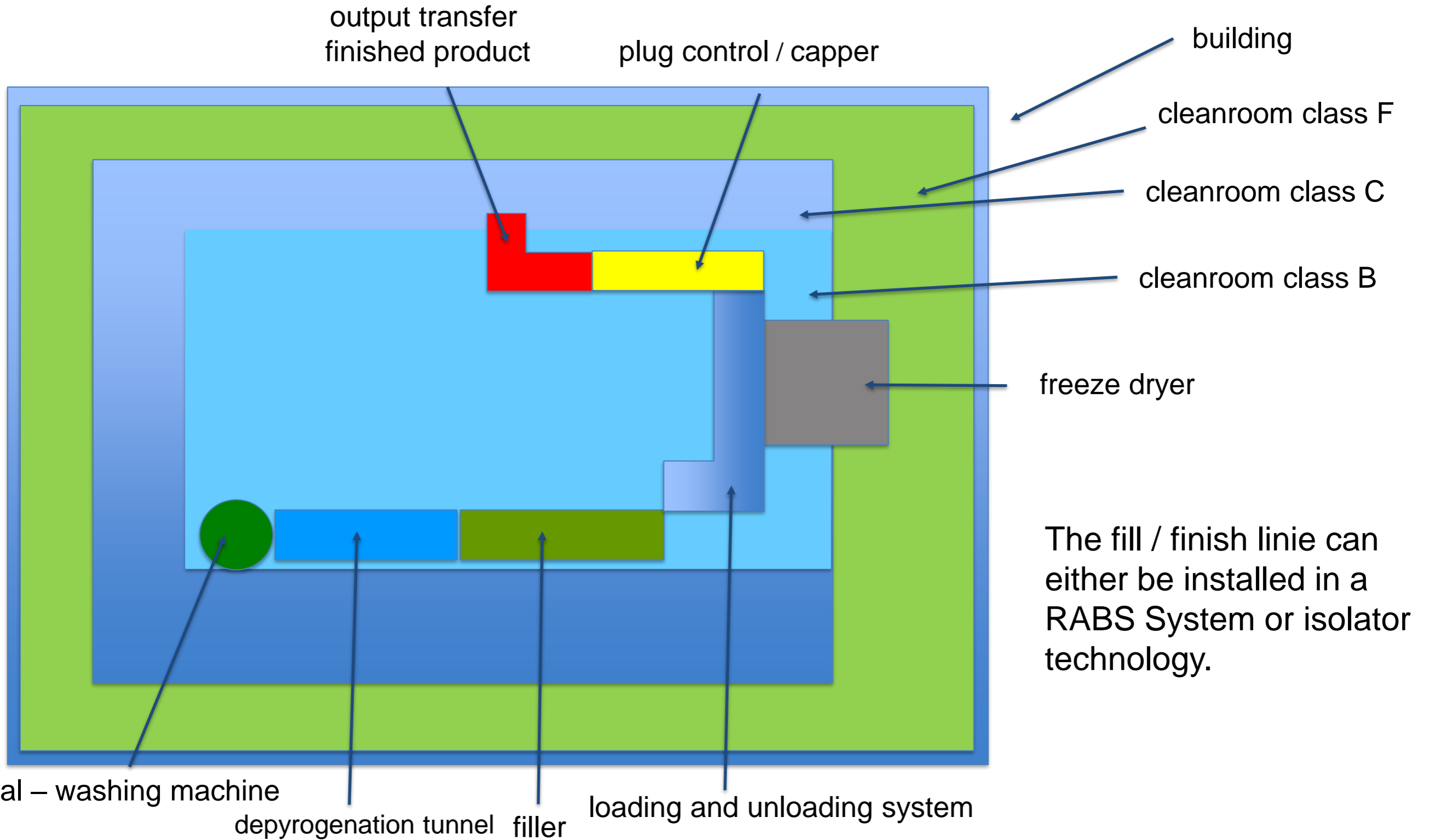
Special Sensor

Mass spectrometer Sensors for silicone oil detection mounted in the Main Valve



vacuum pump units





The fill / finish line can either be installed in a RABS System or isolator technology.

