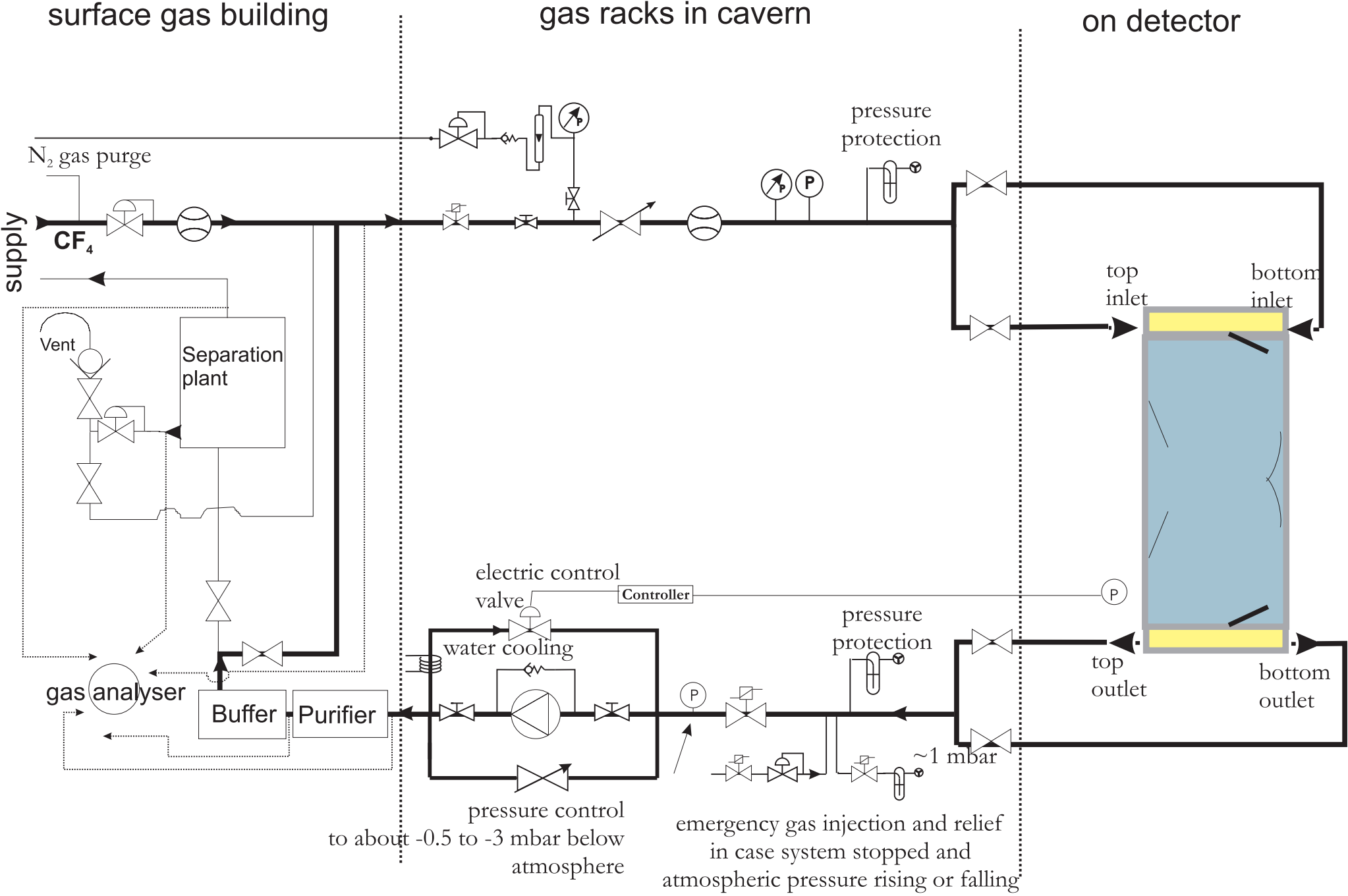
surface gas building
gas racks in cavern
on detector
N_2 gas purge
supply
CF_4
pressure protection
top inlet
bottom inlet
Vent
Separation plant
electric control valve
Controller
water cooling
pressure protection
top outlet
bottom outlet
gas analyser
Buffer
Purifier
~1 mbar
pressure control to about -0.5 to -3 mbar below atmosphere
emergency gas injection and relief in case system stopped and atmospheric pressure rising or falling