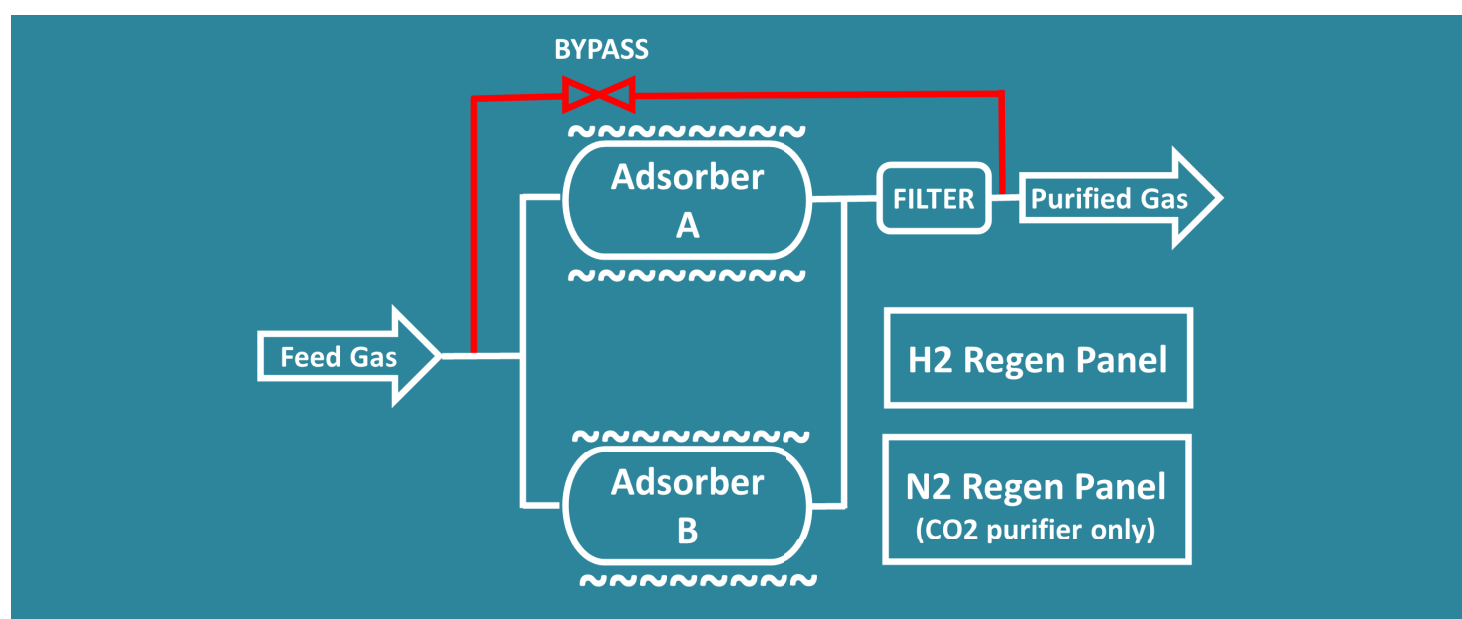




Ar, He, N2 and CO2 regenerable gas purifiers. 5-nines to 9-nines grade purity.

Platform No.	Flow Rate (Nm3/Hr)	Gas Purified :	Impurities Removed :
FT1	10 to 20,000	Ar, He, N2	H2O, O2, H2, CO, CO2, CH4 to < 1 ppb
		Ar, He, N2, CO2	H2O < 1 ppb, O2 < 100 ppt, Organics, Acids, Bases < 5 ppt, Metals < 1 ppbV, Refractory Compounds to < 1 ppt

Platform and Flow Diagram



Features Table

Instrumentation	Standard	Optional	Instrumentation	Standard	Optional
12" Touchscreen HMI.	√		Inlet and Outlet Manual Isolation Valve.		√
Fully Automatic by the Programmable Logic Controller.	√		Inlet and Outlet Pressure Transducer.		√
Emergency Off Button (EMO).		√	Inlet and Outlet Analytical Port.	√	
Separate Control Power. 110 VAC or 220 VAC or 24 VDC.		√	Flow Meter / Flow Totalizer.		√
Emergency Remote Shutdown.	√		Auto / Manual Bypass Valve.		√
MODBUS with Ethernet Output, RJ45 Connect.	√		Hydrogen Leak Detector. (H2 mixed for regeneration)		√
UPS for Separate Control Power.		√	Overpressure Relief Protection.	√	
Alarm Light Tower.		√	Instrument Air Management System, with IA reservoir.		√
* External Regenerable Adsorber & Controller Redundent Unit.		√	Particle Filtration. (Metal or Teflon Filtration)		√