

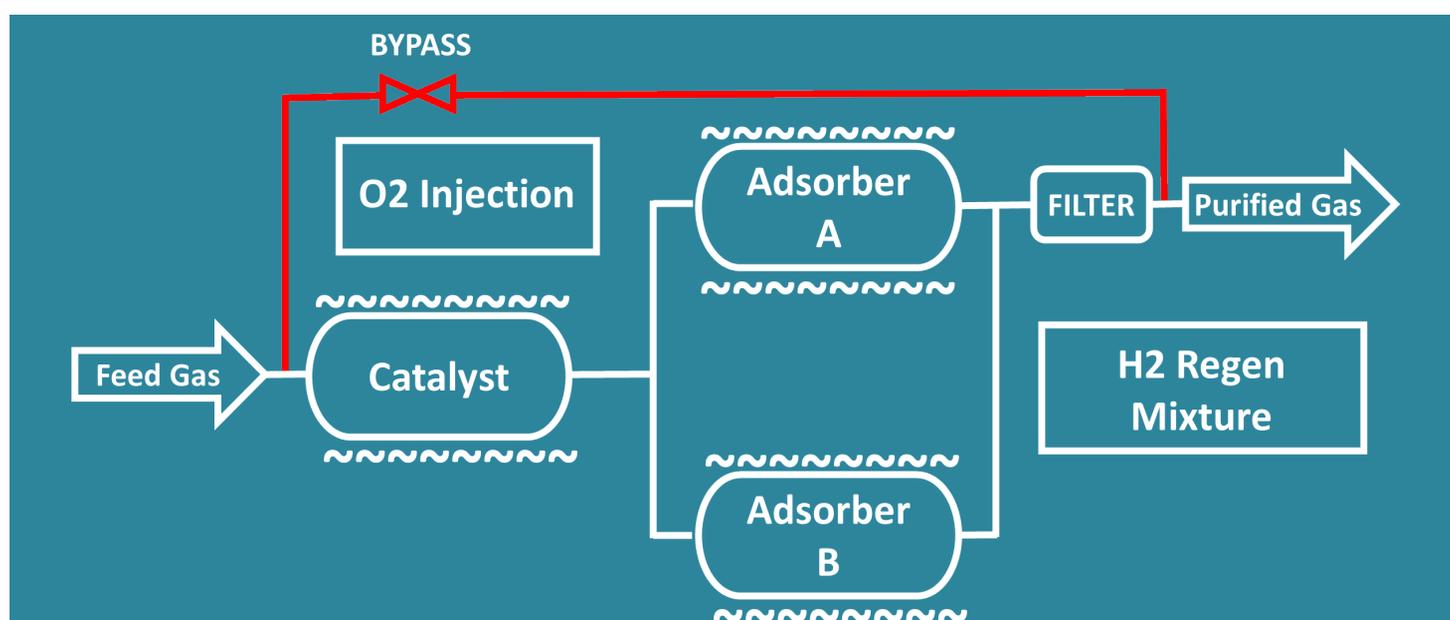


N₂, Ar and He Gas regenerable gas purifier.

5-nines to 9-nines grade purity, with high CH₄ removal.

Platform No.	Flow Rate (Nm ³ /Hr)	Gas Purified :	Impurities Removed :
FT9	10 to 3,000	N ₂ , Ar, He,	H ₂ O, CO, CO ₂ , H ₂ , CH ₄ to < 1 ppb

Platform and Flow Diagram



Features Table

Instrumentation	Standard	Optional	Instrumentation	Standard	Optional
Fully Automated Controller by Programmable Logic Controller.	√		Inlet and Outlet Manual Isolation Valve.		√
12 inches Touchable Human Machine Interface.	√		Auto / Manual Bypass Valve.		√
Separate Control Power. 100-240 VAC.		√	Inlet Mass Flow Meter.		√
UPS for Separate Control Power.		√	Inlet and Outlet Pressure Transmitters.		√
Emergency Off Button (EMO).		√	Inlet and Outlet Analytical Port.		√
Emergency Remote Shutdown	√		Instrument Air Management System with Reservoir.		√
Purified Gas Moisture Transmitter.		√	Over Pressure Relief Valves.	√	
MODBUS or PROFINET Communication Port.	√		0.003µm Particle Filter, Metal or Teflon.		√
Alarm Light Tower.		√	Exhaust Box for H ₂ Blending System with H ₂ leak detector.		√
Analog Signal Output Interface. * Mass Flow Meter 4-20 mA Signal Output. * Pressure Transmitters 4-20 mA Signal Output. * Common Alarm Relay, N.C. * Gas Relay Indicating Purifier Status, N.C.		√	Purifier fixed bolster brackets.		√
			Backup Column with Auto/ Manual regeneration		√
			Outdoor Enclosure.		√