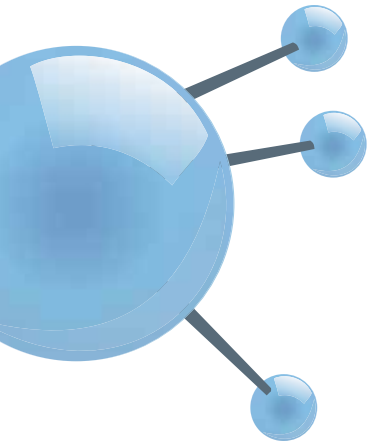


FabStream™ III Gas Cabinet



FabStream™ III is designed to provide end users with a continuous supply of gas.

The full automatic gas cabinet is designed for all process gas applications. Switchover panels with in-house purge operation sequences allow to maintain the quality and the purity of the gas.

Patented AVP (All Vapor Phase) for unsurpassed liquefied gas flow with high reliability



Applications

Industries and processes requiring high purity and highly reliable gas delivery systems.

Operation

The FabStream™ III Gas Cabinet delivers an uninterrupted supply of process gas via the auto-switchover of two supply cylinders. The controller performs an automatic purge cycle prior to a cylinder change to enable a reliable, efficient and safe cylinder change without contamination.



✓ High Reliability

- ✓ Patented AVP (All Vapor Phase) technology to handle high flow liquefied gas dispense
- ✓ PLC controlled system
- ✓ Installed base of 4,000+ units

FabStream™ III Gas Cabinet



Product description

Features

- Compatible with all cylinder types
- Auto switch for continuous supply
- Maintain source gas purity
- Automatic purge sequences for cylinder change and maintenance
- Dynamic real-time information: schematic, pressure, weight and alarms with user-friendly HMI
- TCP/IP Ethernet Communication on all controllers
- PLC and 10" color touch screen

Options

- Dedicated purge panel
- Various cylinder heating systems
- Patented AVP (All Vapor Phase) regulation system
- UHP filters
- EFS [Excess Flow Switch]
- Weight scale for liquefied gas level controlling
- Double containment pipe pressure management
- RPV [Reduced Purge Volume]
- Several communication protocol available
- Z-purge for the system controller
- Detoxal Cartridge
- Start-up assistance and training

Safety features

- Exhaust flow alarm
- Gas leak detection
- Several alarm setting for a better operation
- High level of security with multi-level user passwords
- Automatic dispense and purge minimizing human errors
- Audible and visual warning and alarms
- Emergency gas shutdown

Reliability

- MTBF*: 4.5 years
- MTTR**: <2 hours
- Uptime: 99.9993%

*Mean Time Between Failure ** Mean Time To Repair

Technical specifications

Utility requirements

Venturi Service Nitrogen	6 bar, 50 slpm
UHP Purge Nitrogen	6 bar, 10 slpm
Clean Dry Air	6 bar, 10 slpm
Vent	380m ³ /h
Electricity (power & ground)	110-240 VAC, 50/60 Hz

Certifications

- CE Mark
- Other upon request

Dimensions

	Height	Width	Depth
Gas Cabinet Fabstream III		634mm	
Gas Cabinet Fabstream III extended (cylinder size)	1,827mm (Gas Cabinet)	740mm	510mm (Gas Cabinet)
Gas Cabinet Fabstream III (3 cylinder or inductive)	2,109mm with electrical box	1,091mm	779mm with electrical box
Gas Cabinet Fabstream III (3 cylinder or inductive) extended (cylinder size)		1,197mm	



Contacts

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The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 65,000 employees and serves more than 3 million customers and patients.