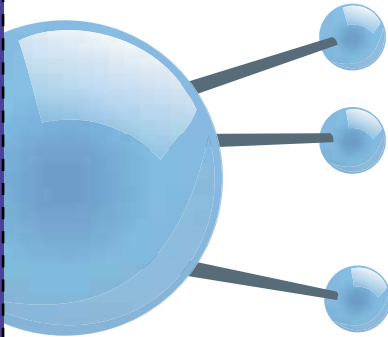


FabStream™ III Gas Cabinet



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 high flow liquefied gas delivery with unsurpassed reliability.



→ Applications

Industries and processes requiring high purity, high reliability 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
- More than 4,000 units running on fields

Product description

Features

- Compatible with all cylinder types
- Auto switch for continuous supply
- Maintain quality and purity specifications using process gas on site
- Automatic purge sequences validated with live ESG
- PLC and 10" color touch screen
- Dynamic real-time information: schematic, pressure, weight and alarms with user-friendly HMI
- All controllers include TCP/IP Ethernet Communication
- Weight scale for liquefied gas level controlling

Options

- Dedicated purge panel
- Cylinder heating system [AVP]
- UHP filters
- EFS [Excess Flow Switch]
- Pressure management of External double containment pipe
- RPV [Reduced Purge Volume]
- Several communication protocol available
- Z-purge for the system controller
- Detoxal Cartridge

Safety features

- Exhaust flow alarm
- Gas leak detection
- Precise alarm messages
- Multilevel password protection to restrict access to critical functions
- Increase safety and eliminate human hazards during cylinder changes
- 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

Utilities requirements

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

Dimensions

	Height	Width	Depth
For 2 cylinders	2,109mm	635mm	776mm
For 3 cylinders	2,109mm	1,065mm	776mm

Certifications

CE Mark
Other on request

Contacts

Air Liquide

Electronics Systems

8, rue Méridiens – Sud Galaxie
38130 Echirolles – France
Phone: +33 (0)4 38 49 88 00
E-mail: frales-contact@airliquide.com



www.airliquide.com

