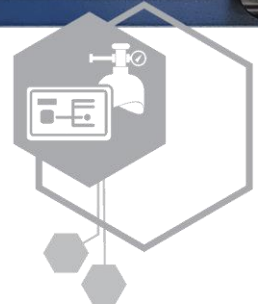


DFS AC_vFLX™ GAS CONTROLLERAC_vFLX™

Gas Controller

The DFS AC_vFLX™ Gas Controller is designed to supersede microprocessor legacy controllers with a high reliability commercially available PLC. This controller platform allows more versatility with various configurations, increased safety, and ease of use.

The intuitive HMI interface allows users to configure the controller for Full Auto Mode supply. For experienced users, the controller allows a Manual Control Mode to perform service, configuration, and start-up related activities.



Controller Features

- ▶ All welded 12 gauge cold-rolled construction
- ▶ Industrial PLC
- ▶ 12-inch IPC color touchscreen
- ▶ User configurable
- ▶ Programmable cycle purges (cylinder change, panel purge, line purge)
- ▶ Programmable leak checks
- ▶ Programmable high pressure leak checks
- ▶ Programmable Maintenance and Shutdown alarms
- ▶ Auto-Zero scales and pressure transmitters
- ▶ Automatic crossover by weight or pressure
- ▶ Real-time data trending



DFS AC_vFLX™ GAS CONTROLLER

Safety Features

- ▶ Exhaust sensor with configurable site-specific response protocol
- ▶ UVIR ready
- ▶ Software Interlocks
- ▶ Life Safety system controls
- ▶ Remote shutdown capable
- ▶ Intelligent vent control
- ▶ Multi-Level security log-in
- ▶ Actuated cylinder valve ready

Controller Options

- ▶ Internal controller light
- ▶ Internal cabinet light
- ▶ Active pressure control

Certifications

- ▶ ISO-9001:2015 Certified Shop
- ▶ UL Certified
- ▶ SEMI S2 Compliant



Model	AC _v FLX Gas Controller
Applications	Gas Systems
Communications	Cat-5 Ethernet (legacy comm ports available)
Controller Materials	Steel with powder coating
Code Compliance	SEMI S2, S8, NFPA, NEC, UL
Footprint	8"Dp x 20"W x 12.75"H

FAC Requirement	Utilities
Power	120VAC, 10A
N ₂ /CDA (PID Control)	Adjustable to 90psi
N ₂ /CDA (Pneumatics)	Adjustable to 90psi



DFS Diversified Fluid Solutions
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