

ENGINEERED FOR NEXT-LEVEL PERFORMANCE

# Fusion3™

## The New Standard for Chemical Injection



The Fusion3™ is Sirius' next generation chemical pump, engineered with advanced brushless motor technology for high-performance chemical injection in hazardous environments.

Built on the proven features of Fusion2™, it delivers higher output capacity, industry-leading mechanical durability and automation capability, while maintaining Sirius' trusted precision and reliability.

Delivering More Flow,  
Certified for C1D1

### KEY CUSTOMER BENEFITS:

- 1 High Production Capability**  
The Fusion3™ delivers between 70-80% more fluid than previous models.
- 2 Lower Operating Cost**  
Oversized shaft and reinforced bearings allow for higher loads, extending life and reducing maintenance.
- 3 Hazardous Location Confidence**  
Certified Class 1 Division 1 for explosion proof locations.
- 4 Automation Integration**  
Fully compatible with Sirius Fusion2™ controller, enabling autonomous control, real-time monitoring, and remote operations.
- 5 Precision Across Wide Production**  
Industry-leading 1000:1 turndown ratio ensures accurate injection across the operating range.

SPECIFICATIONS	
Motor Type	Brushless DC Motor
Pump Type	Positive Displacement
Motor Controller	Fusion2™ controller
Horsepower	0.3 HP
Max Voltage	28 VDC 3PH
Max Current	12 A RMS
Duty	Continuous
Maximum RPM	1100 RPM
Max Pressure	4350 psi
Max Rate	2170 L/D
Piston Size	0.312", 0.375", 0.625"
Fluid Ports	¼" NPT, Suction and Discharge
Classification	Class 1 Division 1, Groups C D T4, Class 1 Zone 1, Group IIB
Environmental conditions	-40 °C to + 40 °C (-40 °F to 104 °F)
Dimensions	9" W X 7-13/16" H X 10-7/16" L
Pump and motor weight	33 lbs
Motor cables	10 ft maximum length to controller



Contact Sirius for all your chemical injection requirements at [sales@siriuscontrols.com](mailto:sales@siriuscontrols.com) or call: USA/Canada 1.866.436.6301 International: 780.436.6301