EFS Valve shown with purge controller

Electric Fail-Safe Valve

Automatically Closes Purge Valve in Case of Power Failure

EFS Valve

EFS Features and Benefits:
• EFS closes purge valve in case of power failure
• Purges solids automatically – eliminating manual purging
• Visual indicator on EFS provides easy-to-read current valve position
• Manual override for quick purge situations
• EFS features an electronic circuit that adjusts motor speed to keep cycle time constant, maintaining consistent purge durations
• Can be installed in combination with Solids Recovery Vessel (SRV-816 or SRV-833) for short-term conditions that require direct purging
• Actuator housing made of V0 self-extinguish material for fire safety
• EFS features a torque limiter circuit that protects motor from overcurrent or overtorque conditions

Specifications:
Voltage: 12V DC, 24V DC and 100-240V AC
Frequency: 50/60Hz
Power Draw: 30-48 VA
Current Draw: 0.3-0.2 A
75% Duty Rated
Valve Open-Close Time: 8 seconds from 0 to 90 degrees.
Fail-Safe Delay: EFS Valve starts closing 5 seconds after power loss
Housing: V0 self-extinguish class techno-polymer, water-tight
Protection Level: NEMA 4/4X IP65 IP67
Certifications: CE UL
Cover Type: UL 50
Ambient Temperature Range: -4 F to 131 F
Auxiliary Contact Rating: 1A @ 30VDC/250VAC RESISTIVE
Protection Against Electrical Shock: Class I
Cover Type: UL 50
Recommended Battery Check: Once per year, expected life time is 12-15 years
Fail-Safe Batteries: Rechargeable Nickel-Metal-Hydride battery pack that provides 400 charge/discharge cycles. The batteries are automatically charged when the supply is connected

EFS Installation:

EFS and LAKOS Controller automatically purge separated solids from Separator’s collection chamber at pre-determined time intervals – eliminating manual purging.

Contact LAKOS for EFS installation guide with more detailed specifications.

Models:

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<th>Models</th>
<th>Valve Diameter</th>
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<td>inches</td>
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<td>EFS-07</td>
<td>3/4&quot;</td>
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<td>EFS-15</td>
<td>1-1/2&quot;</td>
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Purge controller is required and included as part of valve kit.

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