Clean Storm 20131311, Solenoid Valve, 12V, 1/2in FIP, 248Â°F



Model Number: 20131311

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Manufacturer: Clean Storm

Clean Storm 20131311, Solenoid Valve, 12V, 1/2in FIP, 248°F
Description
Clean Storm 20131311 12V 1/2" FIP Solenoid Valve controls truckmount water temperatures with a 248°F rating, offering a cost-effective alternative for Prochem water systems.
Features

- 2-way, direct-acting, normally closed operation for precise fluid control.
- Robust all-brass body construction ensures high durability and corrosion resistance.
- PTFE sealing material provides excellent chemical and high-temperature resistance.
- Rated for high-pressure and hot water applications up to 248°F.
- Compatible with air, inert gas, water, and synthetic oils.

Applications

- Prochem truckmount carpet extractors utilizing 1/2" FIP water box solenoids.
- Pressure washing equipment temperature regulation systems.
- Industrial fluid control lines handling water, air, or inert gases.

Specifications

Brand / Manufacturer
Clean Storm

Part Number / SKU
20131311

Voltage
12 Volts

Connection Type
1/2" FIP (Female Iron Pipe)

Max Temperature
248°F

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Orifice Size
3/64"

Flow Factor (Cv)
0.07

Power Rating
12 Watt

Valve Operation
2-Way, Direct Acting, Normally Closed

Body Material
All Brass

Sealing Material
PTFE

Media Compatibility
Air, Inert Gas, Water, Synthetic Oils

Video

Cross-Reference SKUs

Clean Storm 20131311

20131311

Prochem Water Box Solenoid Alternative

CleanStorm Solenoid 12V 1/2FIP

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Tips and Additional Information
Ensure proper thread sealing using thread sealant tape or pipe dope rated for plumbing and fluid applications to prevent leaks at the 1/2" FIP connections. Verify electrical supply matches the 12V rating prior to installation. Inspect the valve body and orifice periodically for mineral scale buildup or debris, especially when operating in hard water environments.
Frequently Asked Questions
Q: Is this valve normally open or normally closed?
A: This is a normally closed solenoid valve, meaning it remains shut until 12V power is applied to open the flow path.
Q: What equipment models is this compatible with?
A: It serves as a half-price alternative for Prochem truckmount systems that utilize a 1/2" FIP water box solenoid.
Q: What fluids can this solenoid valve handle?
A: It is engineered to operate efficiently with air, inert gas, water, and synthetic oils up to 248°F.
Warranty & Safety Information
Backed by standard manufacturer defect coverage. Warranty is voided if the unit is operated beyond its maximum temperature rating of 248°F, subjected to over-voltage conditions, improperly installed with thread sealants entering the internal valve body, or exposed to corrosive media incompatible with all-brass and PTFE materials. Always disconnect power and depressurize systems before servicing.

Availability: This product was added to our catalog on Tuesday 08 April, 2014

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