



X12000 AUTOMATED™ RESET RELIEF VALVE

Industry's Finest and Most Reliable
Reset Relief Valves for Over 2 Decades
In 17 Countries, On 6 Continents



The multi-patented **X12000 AUTOMATED™ Reset Relief Valve** is designed to protect mud pumps from high pressure spikes from 1500-10,000 PSI and automatically pop off to a full open position when the set pressure is reached. The longevity and reliability RR Valve is known for has now been fully automated reducing manpower cost and downtime.

The **X12000 AUTOMATED™ Reset Relief Valve** can **RELIEVE PRESSURE** and be **RESET** with the press of a button, and is easily adjusted. The bonnet, top-loaded piston, and seals can be removed while the body remains in line. All electrical components are of modular design and easily removed for maintenance.

The **X12000 AUTOMATED™ Reset Relief Valve** minimizes downtime and is easily repaired or rebuilt in the field. Our valves are ABS and DNV certified to 10,000 PSI and tested to 15,000 PSI. With computer modelling, high technology engineering and mechanical enhancements, RR Valve, Inc. has solved many industry frustrations.

Our technical advances have replaced the commodity valve with a proven advanced engineered flow control device. Our valves are maintenance free resulting in **substantially reduced parts cost and downtime**. Over its long life the RR Valve is the most cost effective solution on the market.

The X12000 AUTOMATED™ Reset Relief Valve is the Industry's first Fully Electric Automated Reset Relief Valve and stands alone without need for costly and maintenance intensive hydraulic or pneumatic systems.

100% DESIGNED, MANUFACTURED & ASSEMBLED IN THE USA

LOCAL CONTROL STATION (OPTIONAL)

- ✓ Full Customization Available
- ✓ Available Voltage Configurations:
12Vdc, 24Vac/Vdc, 115Vac, 230Vac
- ✓ Single Button Control Available
- ✓ Wireless Lockout Function Available
- ✓ Optional Control Station can be Mounted to the Valve or a place of your choosing
- ✓ Enclosure Options:

Polycarbonate:

NEMA 2, 3, 3R, 3S, 4, 4X, 5, 12, 13 & IP66

Fiberglass:

NEMA 4, 4X

Aluminum:

NEMA 4, 4X, 7, 9

Carbon Steel:

NEMA 4, 4X, 12, 13

316 Stainless:

NEMA 4, 4X



**WIRELESS
CONTROL**
(Optional)



☎ 713.682.8875
✉ info@rrvalve.com
🌐 www.rrvalve.com

📍 835 Greens Pkwy
Suite 120
Houston, TX 77067

X12000 AUTOMATED™ RESET RELIEF VALVE

The X12000 AUTOMATED™ is
DNV approved to 10,000 psi



SPECIFICATIONS

Valve Pressure Range	1,000-10,000 PSI settable pressure range Tested to 15,000 PSI
Temperature Range	-4F (-20C) to 104F (40C)
Certification	UL 429, UL 50, CSA, C22.2
U.S. Patent No.	7,311,117 • 7,117,885 • 7,938,139

RELIEF AND RESET NOT RELIEF AND REBUILD

- ✓ Only Fully Electric Automated Reset Relief Valve on the Market with optional Wireless Control
- ✓ Fully integrated into drilling control system or Stand-Alone control box available
- ✓ Available in 12Vdc, 24Vac/Vdc, 115Vac, 115Vac Extended Duty 208Vac configurations
- ✓ Electronic Control Device Enclosure Options
 - NEMA 7 Explosion Proof (Standard)
 - NEMA 4 Thermally Bonded Polyester Powder Coated Die-Cast Aluminum
 - NEMA 4X Powder Coated Die-Cast Aluminum
 - Epoxy Coating Available
- ✓ Manual Override is Standard
- ✓ Anti-Condensation Heater inside enclosure
- ✓ Additional Auxiliary Switches Available

RETRO-FIT KIT AVAILABLE

Upgrade Standard Manual RR Valve, Inc. Valves to Full Automation with **Minimal Capital Cost**

Fast Return On Investment by Reducing Manpower Cost and Downtime



WIRELESS CONTROL

Optional Single Button type Key Fob Control up to 8 valves from one device