

**“UNPARALLELED PERFORMANCE AND SAFETY UNDER PRESSURE!”<sup>®</sup>**

NuQuip<sup>®</sup>  
**Model RV Series**  
**High-Pressure Relief Valves**



- Pressures up to 60,000 psi (4,137 bar)
- High relief flow with low pressure rise
- Field adjustable
- Medium or high pressure ports standard
- Multiple seal options
- Heat-treated stainless steel construction

**DESCRIPTION**

The NuQuip<sup>®</sup> Model RV Series Relief Valve is used to control pressure build up in a system when it reaches beyond its design limitations. The relief valve comes standard or with a high relief flow rate and low pressure rise. For more precise control the flow rate is field service adjustable. The Model RV can be used with a variety of services such as water and other liquids.

**PRESSURE RATINGS**

Model	Description	Maximum Working Pressure	
		psi	bar
RV20	Relief Valve	20,000	1,380
RVL20	Relief Valve Low Flow	20,000	1,380
RVL60	Relief Valve Low Flow	60,000	4,137

The Relief Valve is available in an air-pilot version. Other special valve configurations available upon request.

**APPLICATION**

The NuQuip<sup>®</sup> Model RV Series Relief Valve is designed to protect a system from being subjected to pressures that exceed their limits. The valve has a maximum working pressure of 60,000 psi (4,137 bar).

**MATERIALS**

Wetted Parts: Heat-treated, stainless steel

**VALVE CONFIGURATION**

Flow Rate: High relief flow with low pressure rise (Field service adjustable)  
 Port Styles: MP or HP standard  
 Seal Options: Multiple seal materials  
 Actuation Option: Air-piloted clamp and release  
 Air Requirement: 80 - 100 psi (5.5 - 6.9 bar)

**OPERATING CONDITIONS**

Maximum Pressure: 60,000 psi (4,137 bar)  
 RV20 Range: 5,000 psi to 20,000 psi (345 bar to 1,379 bar)  
 RV60 Range: 15,000 psi to 60,000 psi (1,034 bar to 4,137 bar)  
 Temperature: 32° F to 120° F (0° C to 49° C)  
 Services: Water and other liquids