

RV- Series Valve Testers

Data Sheet

Valves ½" to 16" and up to 6,000 psi

Set pressures on relief valves are important to the safe & effective operation of all refineries and plants. The RV series (Relief Valve) high volume pressure storage and piping allows you to achieve significant valve disc lift and reseal without damage. A secondary regulated high-pressure line allows for seat tightness tests. DVT's table securely locks the valve in place with a dedicated 10K hydraulic system & interlock to prevent release under pressure.

RV006: 12" Seal Plate & 120 tons clamping

RV011: 16" Seal Plate & 120 tons clamping

Features:

- 1" to 2" J-tube piping for maximum flowrates
- Hydro & gas tests through bottom flange
- Quick clamp and fill to save set-up
- 3000, 6000 or 10000 psi hydro/gas test
- Stainless steel seal plate
- Compact design at 15 ft² floor space
- Interlock to prevent accidental unlocking

Options:

- Increased hydro/gas testing capacities
- Muffler system to capture released fluids
- Gas boosters and compressors
- Data Acquisition System
- Safety Barriers



Applications:

- Safety Relief Valves
- Pressure Relief Valves

Connections:

- All Standard Flange Types

Specifications:

| | | Size (in) | | | | | | | |
|-------|------|-----------|---|---|---|----|----|----|----|
| | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Class | 150 | | | | | | | | |
| | 300 | | | | | | | | |
| | 600 | | | | | | | | |
| | 900 | | | | | | | | |
| | 1500 | | | | | | | | |
| | 2500 | | | | | | | | |

*Size based on standard valve flange size

*Capacity based on standard RV capacity @ 1.5x ANSI psi



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