

Adjustable Relief Valves

The 534 Series adjustable relief valves are designed for use with high purity gas systems as protection for low pressure components of systems sensitive to over pressurization. Most commonly, these controls are found as relief valves for regulators, relief valves for line systems, and relief valves for distribution systems.

A variety of adjustable ranges affords a wide selection of applications in several different services. Adjustments to the factory-set relief pressure can be made easily using a 1/8" Allen wrench.



Materials and Specifications

- Spring**
302 stainless steel
- Poppet**
304 stainless steel
- Cv**
0.37
- Inlet Connection**
1/4" MPT
- Outlet Connection**
1/4" FPT
- Weight**
0.1 lbs. (0.05 kg)

Ordering Information

534	A	9	2	D	-PSIG
Series 534	Material	9: N/A	2: N/A	Pressure Range	Please specify factory set pressure
	2: Brass barstock body and fittings (Viton® seals)			1: 10 to 20 PSIG	
	4: 316L stainless steel barstock body and fittings (Viton® seals)			2: 20 to 100 PSIG	
	5: 316L stainless steel barstock body and fittings (Kalrez® seals)			3: 100 to 250 PSIG	
				4: 250 to 500 PSIG	

Check Valves

The 532 Series check valves are designed for use in high purity gas systems as protection against reverse flow in sensitive operations. Most commonly, these controls are found in services associated with cylinder gases, low pressure gases, in switchover systems, and in manifold systems. The brass and stainless steel models have a cracking pressure of 1 PSIG.



Materials and Specifications

- Maximum Pressure**
3000 PSIG (200 BAR)
- Flow Rate @ 10 PSIG**
47 LPM air
- Spring**
302 stainless steel
- Poppet**
304 stainless steel
- Weight**
0.25 lbs. (0.1 kg)

Ordering Information

Order No.	End Fittings	Body	Fittings	Seals
532 3922	1/4" FPT x 1/4" FPT	Brass barstock	Brass barstock	Viton®
532 3924	1/4" FPT x 1/4" FPT	316L stainless steel barstock	316L stainless steel barstock	Ethylene propylene
532 3824	1/4" FPT x 1/4" FPT	316L stainless steel barstock	316L stainless steel barstock	Viton®
532 3842	1/4" MPT x 1/4" FPT	Brass barstock	Brass barstock	Viton®
532 3834	1/4" MPT x 1/4" FPT	316L stainless steel barstock	316L stainless steel barstock	Ethylene propylene
532 3844	1/4" MPT x 1/4" FPT	316L stainless steel barstock	316L stainless steel barstock	Viton®