

# RV-110 Series Safety Relief Valves



The Welker RV-110 series Relief Valves protect high capacity gas instrumentation from damage and catastrophic failure. Designed with ASME standards in mind, these stainless-steel reliefs have a 10% overpressure relief capacity.

Model RV-110A reliefs vent to atmosphere and can be used where this is allowed, such as a non-hazardous gas application.

Model RV-110V reliefs have a threaded outlet port for applications that require gases to be vented to a safe area.



RV-110A



RV-110V

## SPECIFICATIONS

RV-110 SERIES SAFETY RELIEF VALVES

	RV-110A	RV-110V
Materials of Construction	316/316L Stainless Steel	
	Others Available	
Maximum Allowable Inlet Pressure	300 psig	500 psig
Temperature Range	-65 °F to 400 °F May Vary Based on Seal Material Selection	
Connections	<b>Inlet:</b> ¼" MNPT <b>Outlet:</b> Atmospheric	<b>Inlet:</b> ¼" FNPT <b>Outlet:</b> ½" FNPT
Flow Rate	Up to 70 scfm	Up to 135 scfm
Spring Range	15–30 psig 31–90 psig 91–140 psig	10–150 psig 151–250 psig
Weight	0.25 lb	1.25 lb
Dimensions (L x W x H)	1" x 1" x 1.5"	1.25" x 2" x 5.5"
Feature	10% Overpressure Relief Capacity	
Product Certifications	CE Compliance* NACE Compliance	

\* Applies only when used on Welker CE equipment

Weight and/or dimensions are approximate.  
Specifications subject to change without notice.

