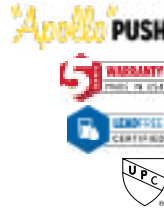


78RV-P Series

Thermal Expansion Relief Valve

LEAD FREE



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist:	

DESCRIPTION

The lead free* Apollo 78-RV Series Combination Water Heater Isolation Valve/IAPMO approved Thermal Expansion Relief Device solves two code requirements while saving time, installation space and money! Proven TECTITE™ push-fit technology with fast and simple “push to connect” installation. Ideal alternative to expansion tanks in residential plumbing systems. Made in the USA, featuring lead free* dezincification resistant brass materials.

PERFORMANCE RATING

- Ball Valve Maximum Pressure: 200 psi
- Relief Valve Factory Set and Sealed: 125 psi Maximum
- Maximum Temperature: 210°F

APPROVALS

- IAPMO IGC 128-2008
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free

STANDARD MATERIAL LIST

LEVER	Steel, Plated, Platisol
BODY	UNS C27451 Lead Free* DZR Brass
STEM BEARING	RTFE
STEM	UNS C27451 Lead Free* DZR Brass
RETAINER	UNS C27451 Lead Free* DZR Brass
BALL	UNS C27451 Lead Free* DRZ Brass, Chrome Plated
STEM PACKING	RTFE
SEAT	RTFE
BODY, RELIEF	UNS C89836 Lead Free* Bronze
SPRING, RELIEF	Stainless Steel
SEAT, RELIEF	Silicone Rubber

OPTIONS

- Relief Valve Set Pressures: 80 psi | 100 psi | 125 psi

**See SS1177 for Solder, NPT & PEX End Connections

DIMENSIONS

SIZE	APOLLO PART NUMBER	DIMENSIONS (IN.)			PORT DIA. (IN.)	RELIEF PRESSURE
		A	B	C		
3/4"	78RV88480	3.9	4.2	1.6	.750	80
3/4"	78RV884100	3.9	4.2	1.6	.750	100
3/4"	78RV884125	3.9	4.2	1.6	.750	125

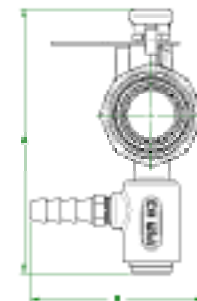
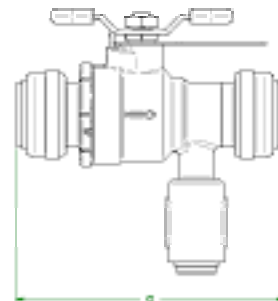
PART NUMBER MATRIX

78RV	X	X	X	X
	INLET CONNECTION	OUTLET CONNECTION	RELIEF CONNECTION	PRESSURE (PSI)
	8 - PUSH	8 - PUSH	4 - HOSE BARB	80
				100
				125

*Consult factory for pressure settings not listed.

OPTIONAL DEMOUNT TOOLS

SIZE	APOLLO PART NUMBER	EPC PART NUMBER
3/4"	D514800	10165625



*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.