

78RV-P Series

Model EXP-34LF (210-TERV) Thermal Expansion Relief Valve

LEAD FREE



"Apollo" PUSH



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 MATERIALS LIST

LEVER	Steel, Plated, Plastisol
BODY	UNS C27451 Lead Free* Brass
STEM	UNS C27451 Lead Free* Brass
RETAINER	UNS C27451 Lead Free* Brass
BALL	UNS C27451 Lead Free* Brass
STEM PACKING	RPTFE
SEAT	RPTFE
O-RINGS	NSF Grade EPDM
BODY, RELIEF	C46500 Lead Free* Brass
SPRING, RELIEF	Stainless Steel
SEAT, RELIEF	NSF Grade Viton Rubber

OPTIONS

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

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

DIMENSIONS

SIZE (IN.)	APOLLO PART NUMBER	EPC PART NUMBER	DIMENSIONS (IN.)			PORT DIA. (IN.)	PRESSURE (PSI)
			A	B	C		
3/4" PUSH	78RV88P80	10177548	3.9	4.2	1.6	.750	80
3/4" PUSH	78RV88P100	10177546	3.9	4.2	1.6	.750	100
3/4" PUSH	78RV88P125	10177544	3.9	4.2	1.6	.750	125

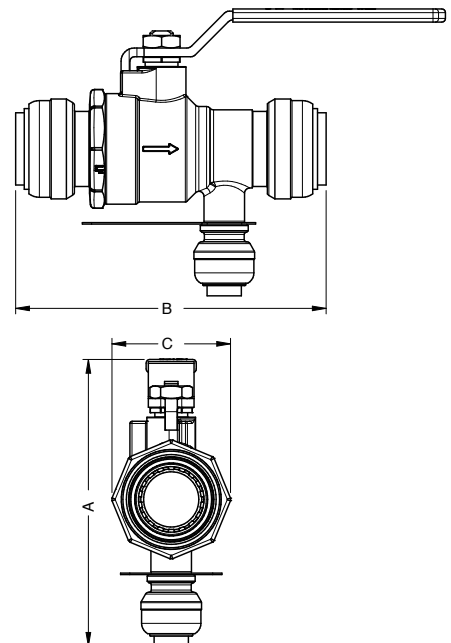
PART NUMBER MATRIX

78RV	X	X	X	X
	INLET CONNECTION	OUTLET CONNECTION	RELIEF CONNECTION	PRESSURE (PSI)
	8 - PUSH	8 - PUSH	P - 1/4" PUSH	80
				100
				125

* Consult factory for pressure settings not listed.

OPTIONAL DEMOUNT TOOLS

SIZE	APOLLO PART NUMBER	EPC PART NUMBER
1/2"	D514500	10165630
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.