



**Lead Free\***



# Model EXV - LF Thermal Expansion Relief Valve (78LF-RV Series)

<b>Job Name:</b>	<b>Contractor:</b>
<b>Job Location:</b>	<b>P.O. Number:</b>
<b>Engineer:</b>	<b>Representative:</b>
<b>Tag:</b>	<b>Wholesale Distributor:</b>

## DESCRIPTION

The **Lead Free\*** Apollo® 78LF-RV Series Combination Water Heater Isolation Valve/ IAPMO approved Thermal Expansion Relief Device solves two Code requirements while saving time, installation space and money! Ideal alternative to expansion tanks in residential plumbing systems. Made in the USA, featuring **Lead Free\*** dezincification resistant bronze materials.



## MATERIAL SPECIFICATIONS

Part Name	Material
Lever	Steel, Plated, Platisol
Body	UNS C89836 <b>Lead Free*</b> Bronze
Stem Bearing	RTFE
Stem	UNS C27450 <b>Lead Free*</b> Brass
Retainer	UNS C27450 <b>Lead Free*</b> Brass
Ball	UNS C27450 <b>Lead Free*</b> Brass
Stem Packing	RTFE
Seat	RTFE
Body, Relief	UNS C89836 <b>Lead Free*</b> Bronze
Spring, Relief	Stainless Steel
Seat, Relief	Silicone Rubber

**MODEL EXV - □ - □ - □ - 34 - LF**

### Ball Valve Connection:

FNPT (T)  Solder (S)  Pex (X)

### Set Pressure (PSI):

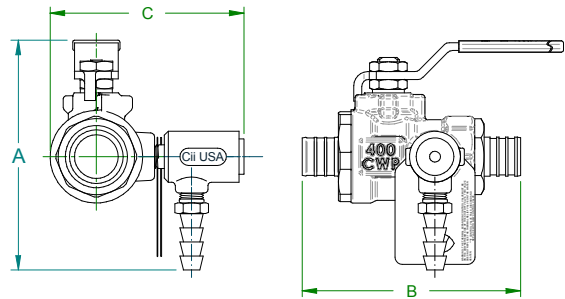
80  100  125

### Discharge Type:

HB  Hose Barb X  Pex C  Compression  
S  Sweat / threaded combination

## DIMENSIONS (in.)

Size	A(in.)	B(in.)	C(in.)	Port Dia.(in.)
3/4" SWT	4.0	3.9	3.3	.687
3/4" FNPT	3.9	2.8	3.3	.750
3/4" PEX	3.9	3.8	3.3	.750



## PART NUMBER Example: 78LF305RV

78LF	SIZE/CONN	PRESSURE*	OUTLET + RV
	3-3/4" SOLDER	0- 125 PSI	4- HOSE
	4-3/4" THREAD	1- 100 PSI	5- PEX
	7-3/4" PEX	2- 80 PSI	6- COMPRESS
			7- 1/2"SWT/THD

\* Consult factory for pressure settings not listed.

## PERFORMANCE RATING

Ball Valve Maximum Pressure: 400 psi  
Relief Valve factory set and sealed, 125 psi Maximum  
Maximum Temperature 210°F

## APPROVALS

CSA B125  
IAPMO IGC 128-2006a  
City of Los Angeles



**\*LEAD FREE:** The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB 1953 and VT S.152. ANSI 3rd party certified and listed.