

SUBMITTAL SHEET

JOB NAME	ITEM TAG
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JOB LOCATION	PART NUMBER
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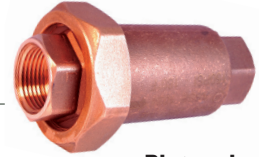
CONTRACTOR	DATE
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ENGINEER APPROVAL	DATE
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LEAD-FREE DUAL-CHECK BACKFLOW PREVENTER

T-457NL



Pictured:
T-457NL

Lead-free design is suitable for all no-lead potable water installations, in full compliance of the National lead-free plumbing law.

Designed for residential or commercial continuous or intermittent water pressure containment, downstream of the meter.

The single-union inlet connection eases installation and permits system serviceability.

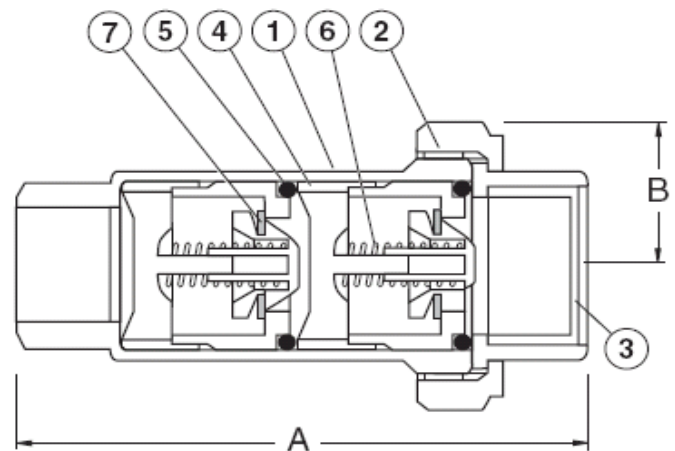
Plastic check modules with stainless steel springs, resist corrosion within varying water conditions.

Can be installed vertically or horizontally.

Available in nominal FNPT sizes 1/2", 3/4" and 1".

Working Pressure, Non Shock (PSI)

- Cold working pressure (CWP): 150 psi
- Saturated steam (WSP): Not suitable for steam service
- Maximum water temperature: 180° F
- Minimum operating pressure (cracking pressure, each module): 10 psi



Pictured:
T-457NL
Cut-away

MATERIAL SPECIFICATION			
PART	MATERIAL	SPECIFICATION	
1 Body	Lead-free forged brass	CW510L UNS C28500	
2 Union nut	Forged brass	ASTM B124/124M UNS C37700	
3 Female adapter	Lead-free forged brass	CW510L UNS C28500	
4 Check module (2)	Acetal resin	COPOLYMER 090	
5 Check O-ring (2)	Buna-N (NBR) rubber	Commercial grade	
6 Module spring (2)	Stainless steel	AISI 304	
7 Module seat (2)	Buna-N (NBR) rubber	Commercial grade	

DIMENSIONS			
Size	A	B	Cv (gpm)
1/2"	4.08	1.19	5.51
3/4"	4.11	1.19	5.51
1"	4.21	1.19	5.51

Certifications/Listings:

- Third-party certified.
- ANSI/NSF 372: Drinking water system components lead content.
- ASSE 1024: Hose connection back flow preventers.
- CSA B64.6: Backflow preventers and vacuum breakers.

Standards:

- ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch.