

## SUBMITTAL SHEET

JOB NAME		ITEM TAG
JOB LOCATION		PART NUMBER
CONTRACTOR	DATE	
ENGINEER APPROVAL	DATE	



# NO LEAD BOILER DRAIN

## T/S-521NL and S-521PNL

Full-pattern body, packing and handwheel construction.

Available in nominal 1/2" and 3/4" MNPT, CTS (sweat) or 1/2" PEX inlet x 3/4" MGHT hose thread outlet sizes.

### Working Pressure, Non Shock (PSI)

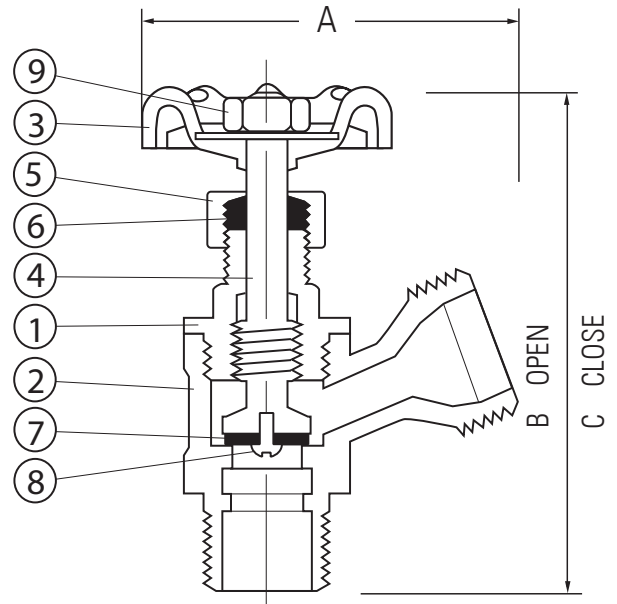
Cold working pressure (CWP): 125 psi  
Saturated steam (WSP): Not suitable for steam service



Pictured:  
S-521PNL

MATERIAL SPECIFICATION		
PART	MATERIAL	SPECIFICATION
1 Bonnet	Lead-free cast brass	UNS Alloy C46400
2 Body	Lead-free cast brass	UNS Alloy C46400
3 Handle	Cast iron	ASTM A48 Class 35
4 Stem	Lead-free cast brass	UNS Alloy C46400
5 Packing nut	Brass	UNS Alloy C36000
6 Stem Packing	NBR (Buna-N) rubber	Commercial grade
7 Seat washer	NBR (Buna-N) rubber	Commercial grade
8 Seat retaining screw	Stainless steel	AISI grade 304
9 Handle fastener	Cadmium plated steel	AISI 1010

DIMENSIONS			
Size	A	B	C
1/2" MNPT	2.60	3.60	3.40
3/4" MNPT	2.60	3.70	3.50
3/4" Sweat	2.60	3.75	3.55
1/2" PEX	2.60	4.30	4.10



Pictured:  
T-521NL  
Cut-away

### Certifications/Listings:

Third-party certified.  
NSF/ANSI 61: Drinking water system components - Health effects.  
ASTM F1807: Metal insert fittings utilizing a copper crimp ring or stainless steel clamps.

### Standards:

ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch  
ANSI/ASME B16.18: Cast pressure alloy solder-joint pressure fitting  
ANSI/ASME B1.20.7: Hose coupling screw threads, Inch