

**SUBMITTAL SHEET**

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

**BOILER DRAIN**

**Model T/S-521**

CSA and NSF 61-9 certified

**Working Pressure, Non Shock (PSI)**

Cold working pressure (CWP): 125 CWP

Saturated steam (WSP):



**NSF 61-8**



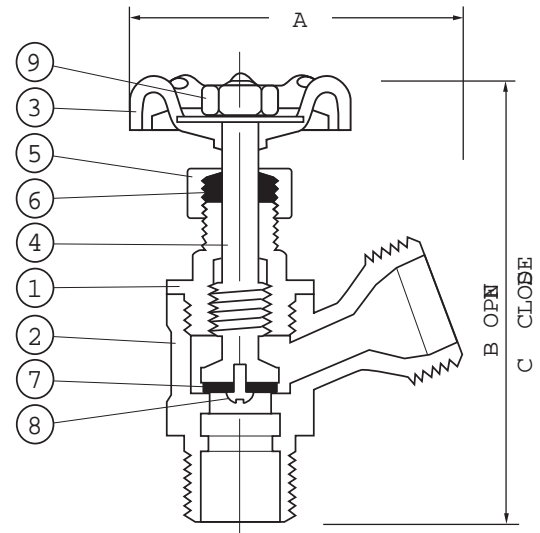
*Pictured*  
**Model T/S-521**

**MATERIAL SPECIFICATION**

PART	MATERIAL	SPECIFICATION
1 Bonnet	Brass	ASTM B584-C85700
2 Body	BRASS	ASTM B584-C85700
3 Handle	Cast iron	ASTM A48 CLASS 35
4 Stem	Brass	ASTM B584-C85700
5 Packing nut	Brass	ASTM B16-C36000
6 Packing	Asbestos free graphite	
7 Seat	Epdm	
8 Seat screw	Brass	ASTM B134-C27000
9 Handle nut	Steel	AISI-1010 PLATED

**DIMENSIONS**

Size	A	B	C
1/2"	2.60	3.60	3.40
3/4"	2.60	3.73	3.50



*Pictured*  
**Model T/S-521**  
Cut-away

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## LEAD-FREE BOILER DRAIN

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

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

Full-pattern body, stem and handwheel construction is more durable than competitors' reduced-material examples.

An electric-induction furnace casting process optimizes molten brass temperatures, resulting in superior cast body and bonnet components.

Equipped with a stem packing and packing nut design, which are superior to packless-bonnet stem seal designs.

All 3/4" GHT (garden hose) outlets accept 3/4" hose-thread-mounted vacuum breakers\*, including our models T-553, T-553C, T-554, T-555, T-556, T-557 and T-557C.

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

*\*These vacuum breaker models are not included with the valves and do not appear on this submittal sheet. Please check your local backflow prevention code requirements and contact Legend for additional submittal information.*

#### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 125 p.s.i.  
Saturated steam (WSP): Not suitable for steam service

- Third-party tested and certified in compliance with U.S. Federal Public Law 111-380 (National lead-free plumbing law).
- Certified to ANSI / NSF Standard 61-G
- CSA certified for Canadian plumbing applications
- End connections comply with the following specifications:
  - ANSI / ASME B1.20.1 (MNPT)
  - ANSI / ASME B1.16.7 (CTS solder)
  - ASTM F1807 (PEX barb)
  - ANSI / ASME B1.20.7 (Male garden hose outlet)
- Manufactured in an ISO accredited facility

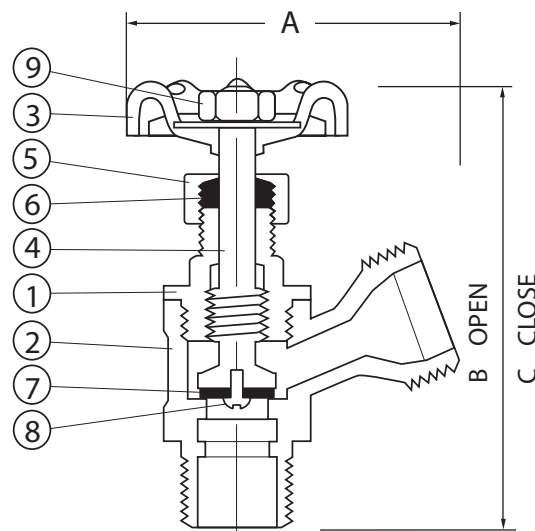


**Pictured  
T-521NL**



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**