

SUBMITTAL SHEET

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



LEAD-FREE BRASS BOILER DRAIN

P-521NL

Full-pattern forged brass body.
Equipped with a stem packing.
Press-to-connect end connection is designed for installation onto ASTM B88 types K,L and M hard-drawn copper tubing.
Press-to-connect end compatible with commercially available VUS profile jaws.
Available in nominal 1/2" and 3/4" PRESS x 3/4" MGHT hose thread outlet sizes.

Working Pressure, Non Shock (PSI)

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



Pictured:
P-521NL

DIMENSIONS

Nominal Size	A	B (closed)
1/2" Press x 3/4" MGHT	2.05	3.55
3/4" Press x 3/4" MGHT	2.05	3.75

MATERIAL SPECIFICATION

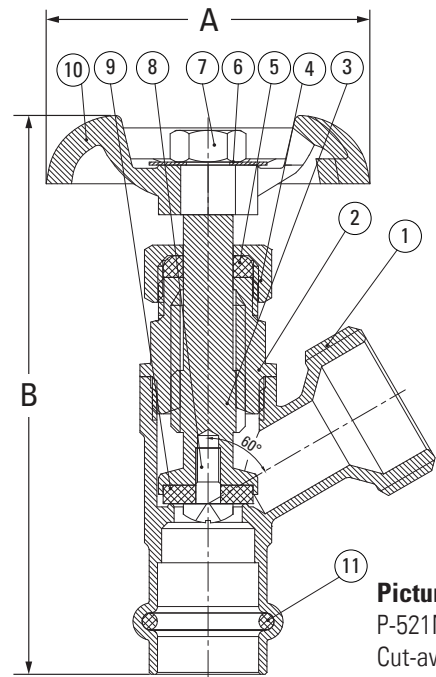
PART	MATERIAL	SPECIFICATION
1 Body	Lead-free forged brass	ASTM B171 UNS Alloy C46500
2 Bonnet	Lead-free forged brass	ASTM B171 UNS Alloy C46500
3 Stem	Lead-free forged brass	ASTM B171 UNS Alloy C46500
4 Packing nut	Forged brass	ASTM B124 UNS C37700
5 Stem packing	PTFE	Commercial grade
6 Identification disc	Aluminum	ASTM B209-1100
7 Handle nut	Stainless steel	AISI grade 304
8 Seat retaining screw	Lead-free forged brass	ASTM B171 UNS Alloy C46500
9 Seat washer	EPDM elastomer	Commercial grade
10 Handle	Cast iron	ASTM A48 Class 35

Certifications/Listings:

Third-party certified.
NSF/ANSI 61: Drinking water system components - Health effects.
NSF/ANSI 372: Drinking water system components - Lead content

Standards:

ANSI/ASME B16.51: Copper and copper alloy press-connect pressure fittings.
ANSI/ASME B1.20.7: Hose coupling screw threads, Inch.



Pictured:
P-521NL
Cut-away