



Low-lead Y-strainer

NA109 series

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Application

The NA109 series low-lead brass y-strainers are designed for residential and commercial plumbing and hydronic applications to protect equipment from premature failure due to damaging debris. Y-strainers are used to protect critical water control devices such as backflow preventers, pressure reducing valves, balancing valves and control valves. The NA109 series are available with 1/2" to 2" FNPT connections and have a 30 mesh stainless steel screen.

Typical Specification

Furnish and install on the plans and described herein, a Caleffi NA109 series low-lead y-strainer as provided by Caleffi. Each y-strainer must be designed with low-lead brass body, 304 stainless steel strainer, screen mesh 30 (size 1/2 inch), 20 mesh (size 3/4 - 2 inch) and peroxide-cured EPDM seals. 360 psi (25 bar) and 14 to 285 °F (-10 to 140 °C) working temperature range. Each y-strainer shall be a Caleffi model NA109 series or approved equal. (See product instructions for specific installation information.)

Technical specifications

Materials

Valve

Body:

size 1/2", 3/4", 1", 1 1/4", 1 1/2": low lead* brass EN12165 CW511L-DW

size 2": low lead* brass EN12165 CB770S

Strainer: stainless steel

Seals: peroxide-cured EPDM

* Meets the "lead free" requirement of Section 1417 of the Safe Drinking Water Act (SDWA). This product has a weighted average lead content of less than 0.25% for its wetted surfaces contacted with consumable water.

Performance

Suitable Fluids: water, glycol solutions

Max. percentage of glycol: 50%

Max. working pressure: 360 psi (25 bar)

Working temperature range: 14 to 285 °F (-10 to 140 °C)

Strainer mesh diameter: 0.65 mm (30 mesh)

Cv (Kv):

1/2"- 4.0 (3.4); 3/4"- 6.7 (5.8); 1"-10.6 (9.1); 1 1/4"- 16.3 (14);

1 1/2"- 23.6 (20.3); 2"-39.4 (34.0)

Connections:

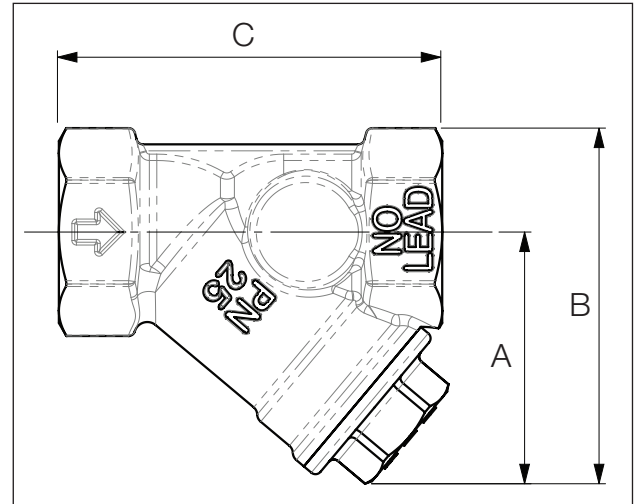
Connections: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" integral NPT female

Certifications

1. NSF/ANSI/CAN 61, Drinking Water System Components for use in potable water systems. Certified and listed by IAPMO R&T.

2. NSF/ANSI/CAN 372, US and Canadian Low-Lead and Lead-Free materials contents laws for drinking water system components. Certified and listed by IAPMO R&T.

Dimensions



| Size | Code number | A | B | C | Weight (lb) |
|--------|-------------|----------|----------|----------|-------------|
| 1/2" | NA10904 | 1 1/2" | 2 5/16" | 2 5/16" | 0.5 |
| 3/4" | NA10905 | 1 7/8" | 2 5/8" | 2 11/16" | 0.9 |
| 1" | NA10906 | 2 7/32" | 3 1/8" | 3" | 1.4 |
| 1 1/4" | NA10907 | 2 13/16" | 3 15/16" | 3 5/8" | 1.9 |
| 1 1/2" | NA10908 | 3 1/8" | 4 5/16" | 3 7/8" | 2.4 |
| 2" | NA10909 | 3 7/8" | 5 7/16" | 4 15/16" | 3.0 |

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice. Contractors should request production drawings if prefabricating the system

Job name _____
Job location _____
Engineer _____
Mechanical contractor _____
Contractor's P.O. No. _____
Representative _____

Size _____
Quantity _____
Approval _____
Service _____
Tag No. _____
Notes _____

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