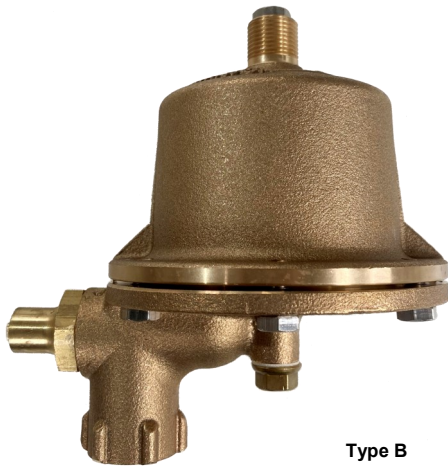
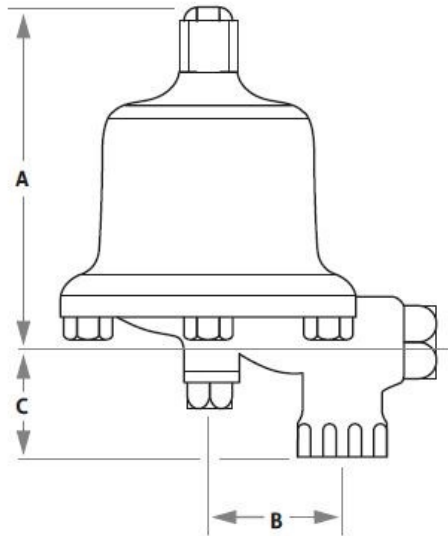


With a proven track record for high quality, Brownall offers an exclusive range of Automatic Air Eliminators (AAE) covering low, medium and high pressure applications.



Type B



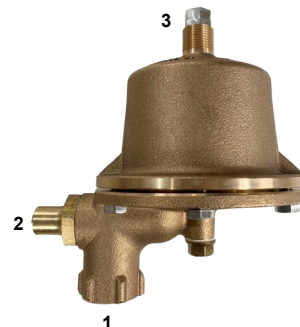
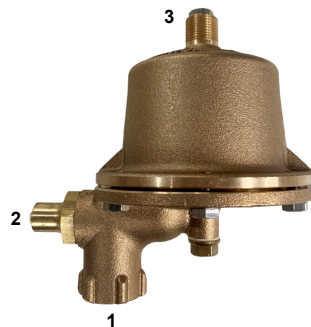
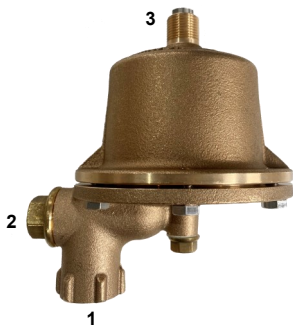
Type	A	B	C	Weigh (kg)	Description
A	102	43	35	1.25	Vertical Inlet (1) with blanking plug (2). Standard seat (3)
B	102	43	35	1.28	Vertical Inlet (1) with Integral Lockshield Isolating Valve (2). Standard seat (3)
C	108	43	35	1.28	Vertical Inlet (1) with Integral Lockshield Isolating Valve (2) & Check Valve seat (3)
D	102	43	66	1.25	Side Inlet (1) with blanking plug (2). Standard seat (3)

Type A

Type B

Type C

Type D



Technical Data

Pressure Rating: Up to 10 Bar (150 lbf/in²)
 Non-Shock
 Temp Rating: Up to 93°C(200°F)
 Connections: Inlet—BS EN 10226-1:2004—Rp 1/2 (Female)
 Outlet—BS EN ISO 228:1:2003—G 3/8 (Male)
 Min. Working Pressure: 0.15 Bar (5ft effective head)

Materials

Body & Dome: Bronze (Gunmetal)
 Spindle & Seating: Stainless Steel
 Valve: PTFE needle
 Float: Stainless Steel



Type B

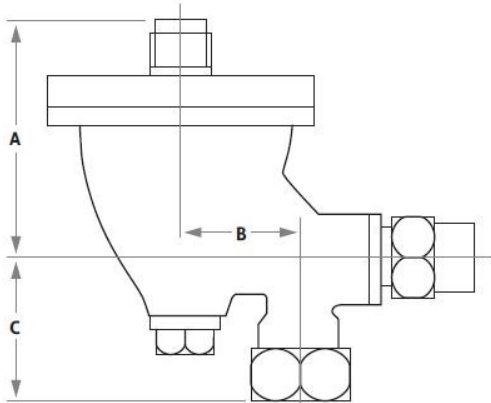


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Medium Pressure Hot Water Applications—MPHW



Type	A	B	C	Weigh (kg)
MPHW	108	43	41	2.4

Technical Data

Pressure Rating: Up to 7 Bar (100 lbf/in²)
Non-Shock
Temp Rating: Up to 149°C(300°F)
Connections: Screwed 1/2" BSP Female inlet
3/8" BSP Male Outlet
Lockshield isolating valve

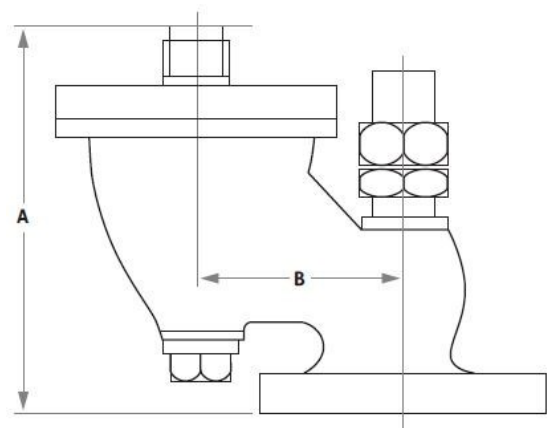
Min. Working Pressure: 0.15 Bar (5ft effective head)

Materials

Body & Dome: Bronze (Gunmetal)
Spindle & Seating: Stainless Steel
Valve: Monel
Float: Nickol Alloy



High Pressure Hot Water Applications—HPHW



Technical Data

Pressure Rating: Up to 17 Bar (250 lbf/in²) H
Up to 10.5 Bar (150 lbf/in²) F
Non-Shock
Temp Rating: Up to 204°C(400°F) H
Up to 182°C(360°F) F
Connections: Flanged 1/2" BST F + H, PN16

Min. Working Pressure: 0.15 Bar (5ft effective head)

Materials

Body & Dome: Bronze (Gunmetal)
Spindle & Seating: Stainless Steel
Valve: Monel
Float: Nickol Alloy

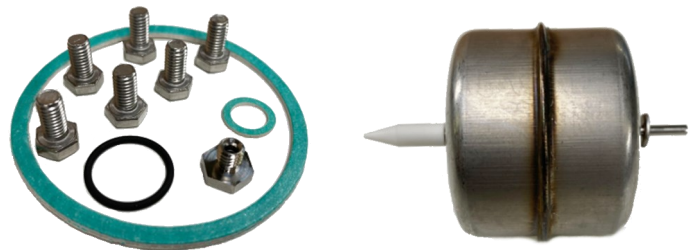


Service Kits

Types B and C Automatic Air Eliminators are manufactured with in-built isolating valves which, when closed, allow the dome to be removed and the float assembly replaced, allowing rapid in-situ servicing.

Type A and D require an additional isolating valve on the inlet, to isolate it from the system prior to removing the float assembly.

AE-SP-ABD or AE-SP-C spare kits available for Types A,B,C + D. AE-SP-MPHW service kit is available for types MPHW and HPHW air eliminators. Service kits comprise of a float assembly (inc. needle and spindle) seat, washers, and retaining screws.



Certificate Number 9027
ISO 9001
ISO 14001

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Bonut Engineering assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.



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Rev 1.5