QuickSetter+™ Low-lead balancing valve with flow meter, sweat connections

Submittal Data 02936 NA — Issue Date 08/2021

Application

The QuickSetter+™ manual balancing valve contains a built-in flow meter and sight gauge, negating the need for differential pressure gauges and reference charts. Circuit balancing is fast, easy and accurate. Constructed of low-lead brass, QuickSetter+™ is ideally suited for use in plumbing applications such as hot water recirculation systems. The built-in check valve protects against circuit thermo-siphoning. The outlet temperature gauge (optional) verifies the fluid temperature in the circuit. The flow meter sight gauge is dry (not exposed to the fluid) thus eliminating the possibility of gauge clouding/ scaling over time. Low-lead ball valves available separately, field install.

Typical Specification

Furnish and install on the plans and described herein, a Caleffi QuickSetter+™ balancing valve with flow meter as manufactured by Caleffi. Each balancing valve must be designed with DZR low-lead brass body (<0.25% Lead content) certified by ICC-ES, stainless steel ball, chrome-plated brass ball control stem, PTFE ball seal seat, PSU control stem guide, DZR low-lead brass flow meter body and headwork, stainless steel flow meter bypass valve stem, stainless steel flow meter springs, PSU flow meter float and indicator cover, peroxide-cured EPDM seals, and provided complete with inlet flow check valve. Can be provided with optional mixed outlet dual-scale termperature gauge, 30 - 210°F (0 - 100°C) scale, 2 inch diameter. Each balancing valve shall be a Caleffi model 132 or approved equal. (See product instructions for specific installation information.)

Technical Data

ICC ES PMG LOW LEAD

Materials

Valve

Body:	DZR low-lead brass
Ball:	stainless steel
Ball control stem:	brass, chrome plated
Ball seal seat:	PTFE
Control stem guide:	PSU
Seals:	peroxide-cured EPDM

Flow meter

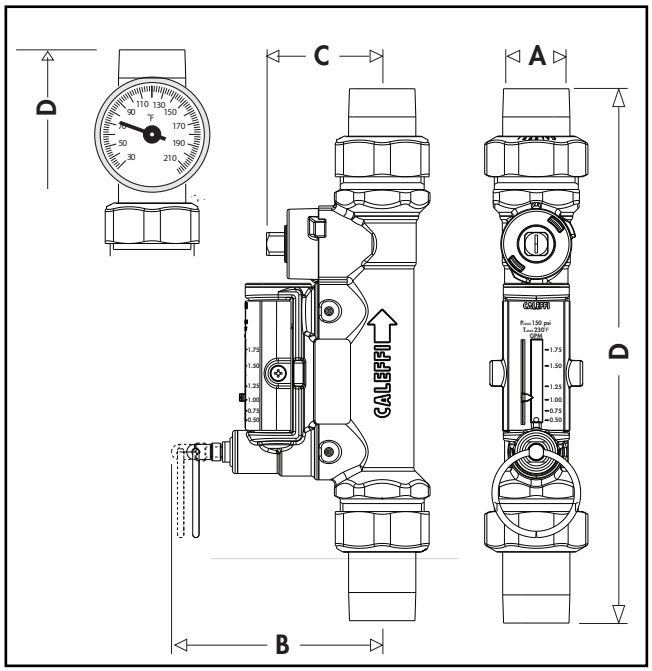
Body and headwork:	DZR low-lead brass
Bypass valve stem:	stainless steel
Springs:	stainless steel
Seals:	peroxide-cured EPDM
Flow meter float and indicator cover:	PSU

Complies with NSF/ANSI 372, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, as certified by ICC-ES, file PMG-1360.

Performance

Suitable Fluids:	water, glycol solutions
Max. percentage of glycol:	50%
Max. working pressure:	150 psi (10 bar)
Working temperature range:	14 - 230°F (-10 –110°C)
Flow rate range unit of measurement:	1/2 - 1 3/4 gpm; 2 - 7 gpm
Accuracy:	±10%
Control stem angle of rotation:	90°
Control stem adjustment wrench:	9 mm
Sweat connections:	1/2", 3/4", 1"

Dimensions



Code	A	B	C	D	Wt (lb)
Flow scale: 1/2 to 1 3/4 gpm					
132439AFC	1/2"	3 5/16"	1 13/16"	8 3/8"	2.00
132539AFC	3/4"			8 7/16"	1.80
132639AFC	1"			8 9/16"	2.40
132438AFC*	1/2"			9 11/16"	2.40
132538AFC*	3/4"			9 13/16"	2.20
132638AFC*	1"			10 1/8"	2.80

Code	A	B	C	D	Wt (lb)
Flow scale: 2 to 7 gpm					
132459AFC	1/2"	3 5/16"	1 13/16"	8 3/8"	2.00
132559AFC	3/4"			8 7/16"	1.80
132659AFC	1"			8 9/16"	2.40
132458AFC*	1/2"			9 11/16"	2.40
132558AFC*	3/4"			9 13/16"	2.20
132658AFC*	1"			10 1/8"	2.80

*with dual-scale temperature gauge 30 - 210°F (0 - 100°C).

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 _____ Size _____

Job location _____ Quantity _____

Engineer _____ Approval _____

Mechanical contractor _____ Service _____

Contractor's P.O. No. _____ Tag No. _____

Representative _____ Notes _____

Caleffi North America, Inc. 3883 West Milwaukee Road / Milwaukee, WI 53208
Tel: 414.238.2360 / Fax: 414.238.2366 / www.caleffi.com

© Copyright 2021 Caleffi

QuickSetter+™ Low-lead balancing valve with flow meter, press connections

Submittal Data 02936.1 NA — Issue Date 08/2021

Application

The QuickSetter+™ manual balancing valve contains a built-in flow meter and sight gauge, negating the need for differential pressure gauges and reference charts. Circuit balancing is fast, easy and accurate. Constructed of low-lead brass, QuickSetter+™ is ideally suited for use in plumbing applications such as hot water recirculation systems. The built-in check valve protects against circuit thermo-siphoning. The outlet temperature gauge (optional) verifies the fluid temperature in the circuit. The flow meter sight gauge is dry (not exposed to the fluid) thus eliminating the possibility of gauge clouding/ scaling over time. Low-lead ball valves available separately, field install.

Typical Specification

Furnish and install on the plans and described herein, a Caleffi QuickSetter+™ balancing valve with flow meter as manufactured by Caleffi. Each balancing valve must be designed with DZR low-lead brass body (<0.25% Lead content) certified by ICC-ES, stainless steel ball, chrome-plated brass ball control stem, PTFE ball seal seat, PSU control stem guide, DZR low-lead brass flow meter body and headwork, stainless steel flow meter bypass valve stem, stainless steel flow meter springs, PSU flow meter float and indicator cover, peroxide-cured EPDM seals, and provided complete with inlet flow check valve. Can be provided with optional mixed outlet dual-scale termperature gauge, 30 to 210°F (0 - 100°C) scale, 2 inch diameter. Each balancing valve shall be a Caleffi model 132 or approved equal. (See product instructions for specific installation information.)

Technical Data

ICC ES PMG LOW LEAD

Materials

Valve

Body:	DZR low-lead brass
Ball:	stainless steel
Ball control stem:	brass, chrome plated
Ball seal seat:	PTFE
Control stem guide:	PSU
Seals:	peroxide-cured EPDM

Flow meter

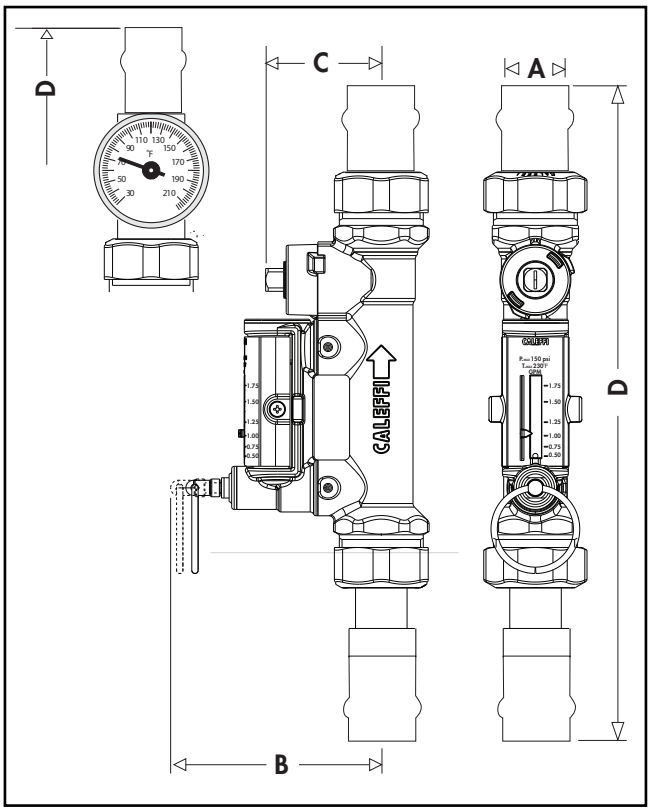
Body and headwork:	DZR low-lead brass
Bypass valve stem:	stainless steel
Springs:	stainless steel
Seals:	peroxide-cured EPDM
Flow meter float and indicator cover:	PSU

Complies with NSF/ANSI 372, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, as certified by ICC-ES, file PMG-1360.

Performance

Suitable Fluids:	water, glycol solutions
Max. percentage of glycol:	50%
Max. working pressure:	150 psi (10 bar)
Working temperature range:	14 - 230°F (-10–110°C)
Flow rate range unit of measurement:	½- 1 ¾ gpm; 2 - 7 gpm
Accuracy:	±10%
Control stem angle of rotation:	90°
Control stem adjustment wrench:	9 mm
Press connections:	¾ and 1 inch

Dimensions



Code	Flow Scale (gpm)	A	B	C	D	Wt (lb)
132536AFC	0.5-1.75	3/4"	3 5/16"	1 13/16"	9 7/8"	1.8
132556AFC	2 - 7	3/4"				1.8
132636AFC	0.5-1.75	1"			10 ¼"	2.2
132656AFC	2 - 7	1"				2.2

Code	Flow Scale (gpm)	A	B	C	D	Wt (lb)
132537AFC*	0.5-1.75	3/4"	3 5/16"	1 13/16"	12 1/8"	2.2
132557AFC*	2 - 7	3/4"			12 1/8"	2.2
132637AFC*	0.5-1.75	1"			12 ½"	2.6
132657AFC*	2 - 7	1"			12 ½"	2.6

*with dual-scale temperature gauge 30 - 210°F (0 - 100°C).

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 _____ Size _____

Job location _____ Quantity _____

Engineer _____ Approval _____

Mechanical contractor _____ Service _____

Contractor's P.O. No. _____ Tag No. _____

Representative _____ Notes _____

Caleffi North America, Inc. 3883 West Milwaukee Road / Milwaukee, WI 53208
Tel: 414.238.2360 / Fax: 414.238.2366 / www.caleffi.com

© Copyright 2021 Caleffi