

LENO™ MSV-B

Saving time is easy Just pack the **right tools**

1. Easy mounting

Space inside buildings is money. The LENO™ is very compact and the handle is easy to remove so you need very little room for the installation. Conventional balancing valves need to be mounted in straight pipe to ensure accurate measurement. The LENO™ can be placed anywhere, e.g. just after an elbow, without influencing its accuracy.

2. Easy and accurate measuring

LENO™ has parallel measuring nipples – this enables two measuring needles to be mounted simultaneously. The digital scale is also readable from all angles. Furthermore, the precision of the valve is independent of the setting and much more precise than competing solutions.



3. Easy set point locking

A simple tap on the top of the handle is enough to lock the LENO's setting. For more convenience we ship the LENO™ MSV-B with a green disposable key for unlocking. Simply press the green latch and the valve is unlocked. To make LENO™ tamper-proof a plastic tie-wrap (accessory) can be inserted, making it easily visible when the valve has been tampered with.

4. Easy shut-off function

When the LENO™ MSV-B is locked, the valve becomes a ball valve. This feature has several advantages: The valve has zero leakage, opening and closing the valve is much easier because it takes only a quarter turn and closing the valve will not influence the setting in any way because the setting mechanism and the shut-off mechanism are completely separate. The position of the LENO™ (open or closed) is clearly shown by a red indicator.



LENO™ MSV-B valve with internal thread

Type	K _{vs} (m ³ /h)	Connection	Code No.
MSV-B DN 15 LF	2.5	R _p ½"	003Z4030
MSV-B DN 15	3.0	R _p ½"	003Z4031
MSV-B DN 20	6.0	R _p ¾"	003Z4032
MSV-B DN 25	9.5	R _p 1"	003Z4033
MSV-B DN 32	18	R _p 1¼"	003Z4034
MSV-B DN 40	26	R _p 1½"	003Z4035
MSV-B DN 50	40	R _p 2"	003Z4036

LENO™ MSV-B valve with external thread

Type	K _{vs} (m ³ /h)	Connection	Code No.
MSV-B DN 15 LF	2.5	G ¾ A*	003Z4131
MSV-B DN 15	3.0	G ¾ A*	003Z4130

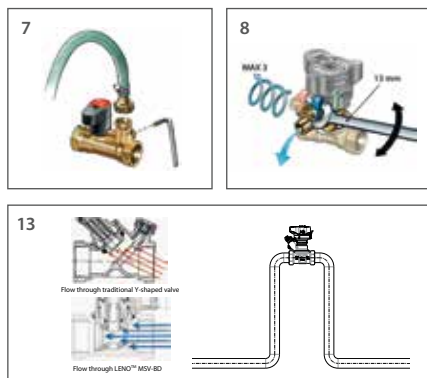
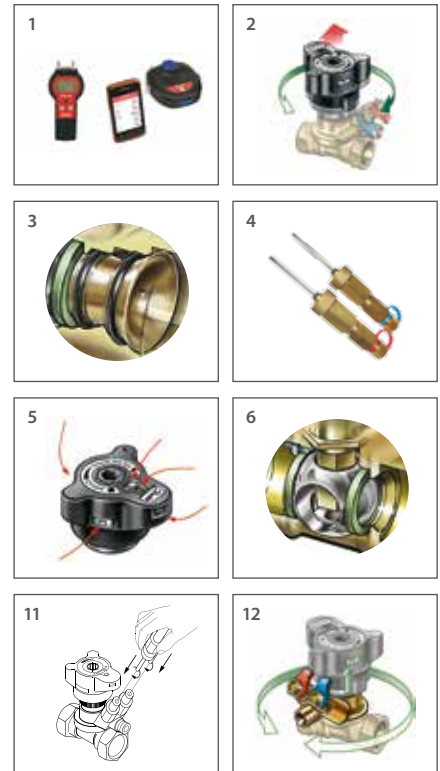
All LENO™ MSV-B valves are made of DZR, corrosion resistant brass.

* Eurocone DIN V 3838



Choose the right product for you

Features	LENO™ MSV-BD	LENO™ MSV-B	LENO™ MSV-O	LENO™ MSV-S
1 Balancing/Commissioning	●	●	●	
2 Presetting	●	●	●	
3 Fixed orifice			●	
4 Measuring nipples can be mounted under pressure	●	●	●	
5 Digital scale visible from more sides	●	●	●	
6 Shut-off function (ball valve)	●	●	●	●
7 Draining/filling	●			●
8 Draining/filling on both sides of the valve	●			
9 Removable handle	●	●	●	●
10 Allen key for ball valve	●	●	●	
11 Parallel measuring nipples	●	●	●	
12 360° rotating measuring station (drain cock and measuring nipples)	●			
13 Not affected by turbulence	●	●	●	●
14 Opening/closing indicator	●	●	●	



More info at www.leno.danfoss.com

It is also possible to buy set solutions

To save you time and simplify logistics, Danfoss has bundled up the perfect match of LENO™ valves in order to propose LENO™ sets.

If that sounds interesting to you, please ask your wholesaler about code numbers listed in the table to the right.

LENO™ MSV-BD/S set solution

Type	K _{vs} (m ³ /h)	Drain flow K _{vs} (m ³ /h)	Connection	Code No.
MSV-BD/S DN 15	3.0	0.3	R _p ½"	003Z4051
MSV-BD/S DN 20	6.0		R _p ¾"	003Z4052
MSV-BD/S DN 25	9.5		R _p 1"	003Z4053
MSV-BD/S DN 32	18.0		R _p 1¼"	003Z4054
MSV-BD/S DN 40	26.0		R _p 1½"	003Z4055
MSV-BD/S DN 50	40.0		R _p 2"	003Z4056

All LENO™ valves are made of DZR, corrosion resistant brass.

Danfoss A/S · Heating Solutions · Hydronic Balancing & Control · Ulvehavevej 61 · DK-7100 Vejle · Denmark · Telephone +45 7488 8500 · E-mail: heating@danfoss.com · www.hbc.danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.