

Danfoss ASV-PV Automatic Balancing Valves Installation Guide

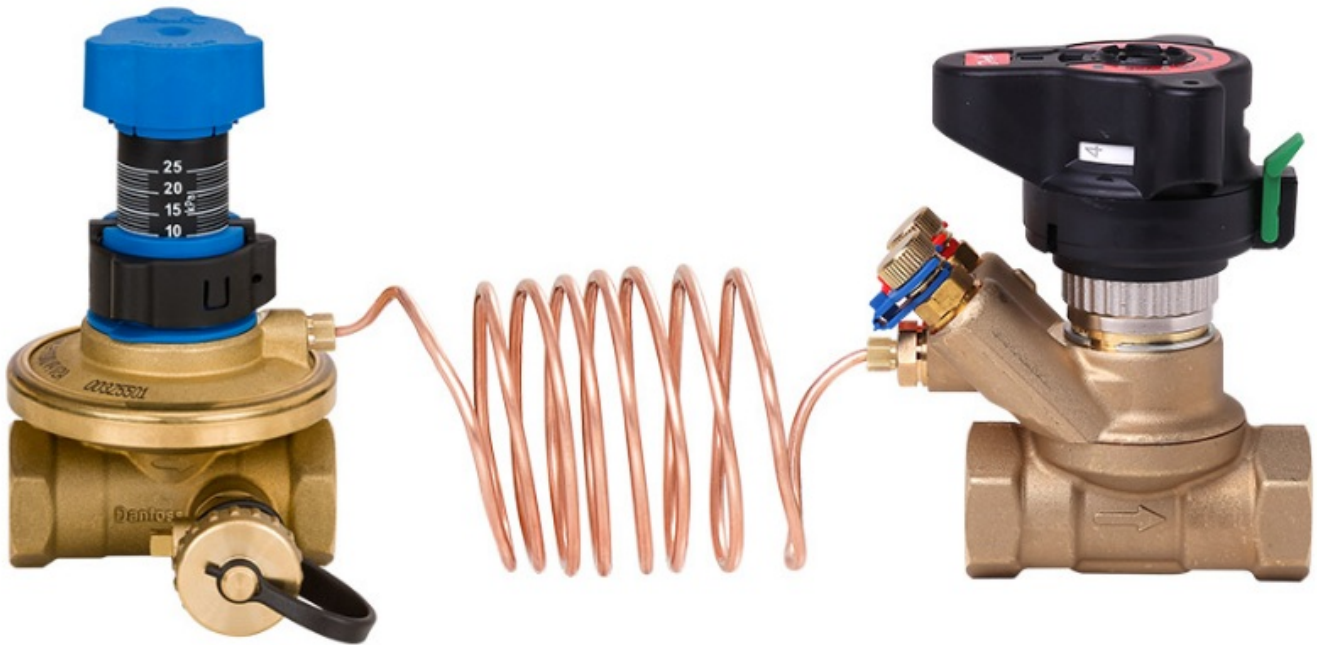
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Danfoss ASV-PV Automatic Balancing Valves

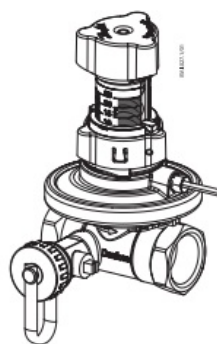


Specifications

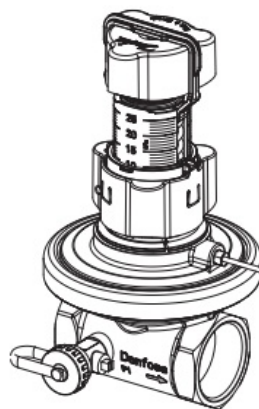
- Model: ASV-PV / DN 15-50 (4th gen.)
- Part Number: ASV-PV / DN 15-50 / 73694260
- Installation Options:
 - DN 15-25
 - DN 32-50
- Minimum Operating Pressure (H min.):
 - For DN 15-25: 80 kPa
 - For DN 32-50: 80 kPa
- Maximum Operating Pressure (pmax.): 150 kPa
- Thread Standards:
 - Internal thread: ISO 7/1
 - External thread: ISO 228/1
- Torque for Opening/Closing: 5-8 Nm
- Recommended Flushing:
 - For DN 15-25: 3.5 – 4.5 mm
 - For DN 32-50: 5 mm

Installation

1. Choose the appropriate installation option based on your piping system: DN 15-25 or DN 32-50.



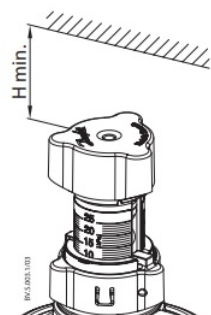
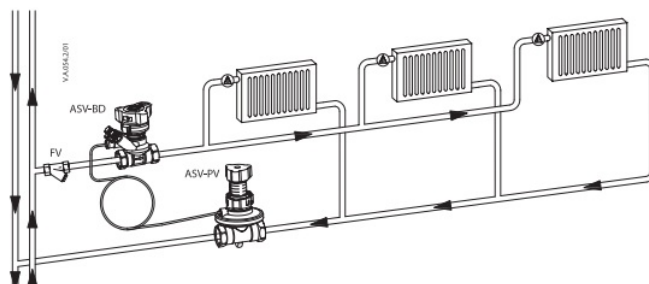
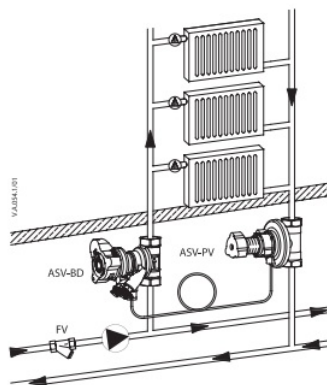
DN 15-25



DN 32-50



2. Ensure the minimum operating pressure (H min..) is maintained for the selected DN range.



0 ... 120 °C

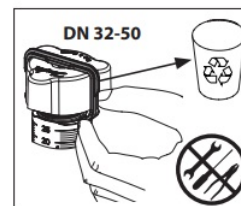
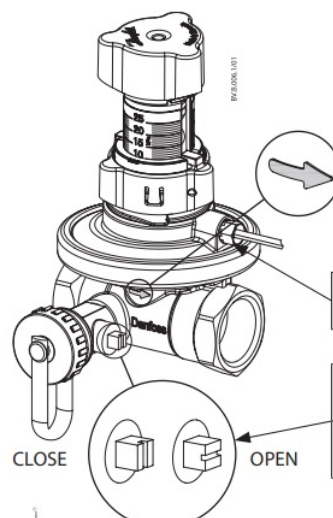


PN 16



$\Delta p_{max.} = 150 \text{ kPa}$

DN	H min.	Int. thread ISO 7/1	Ext. thread ISO 228/1
15	80	Rp 1/2	G 3/4 A
20	80	Rp 3/4	G 1 A
25	100	Rp 1	G 1 1/4 A
32	150	Rp 1 1/4	G 1 1/2 A
40	150	Rp 1 1/2	G 1 3/4 A
50	150	Rp 2	G 2 1/4 A

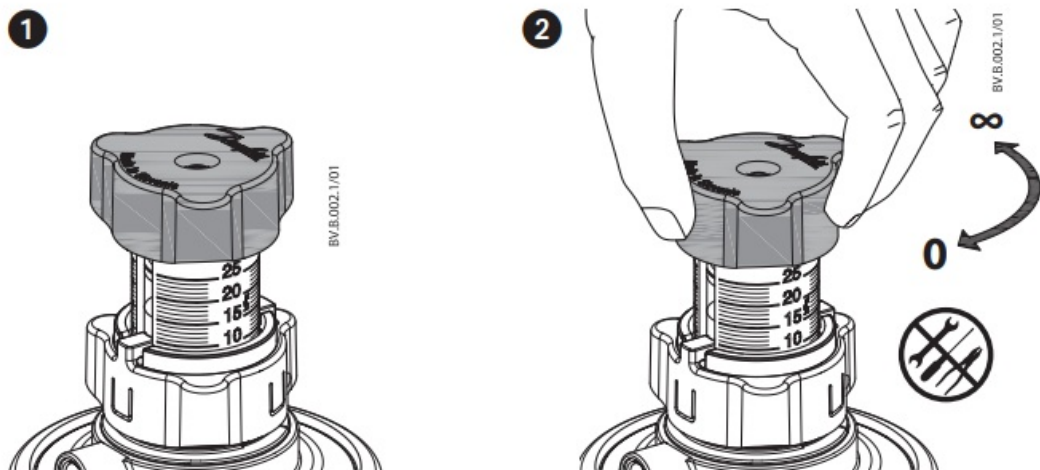


	5-8 Nm	<input type="checkbox"/>
	8 mm	

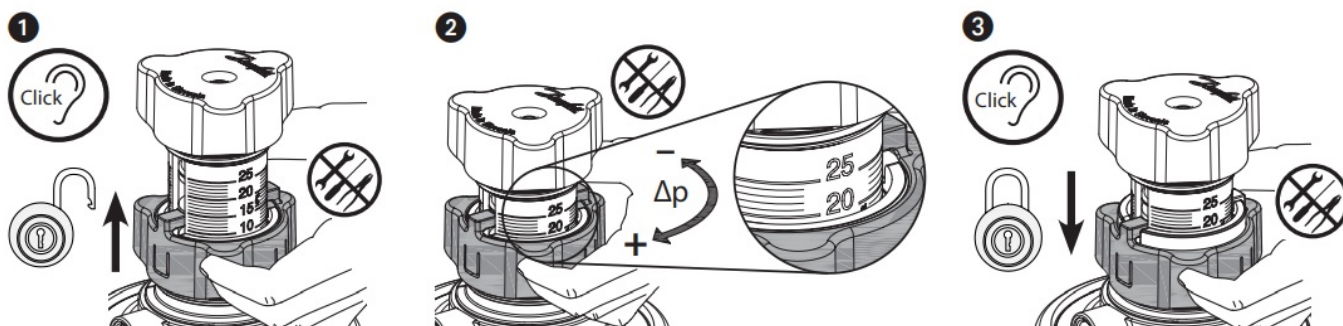
	5 mm	<input type="checkbox"/>
	3.5 - 4.5 mm x 0.7 mm	

3. Securely connect the valve using the specified thread standards for a leak-proof installation.

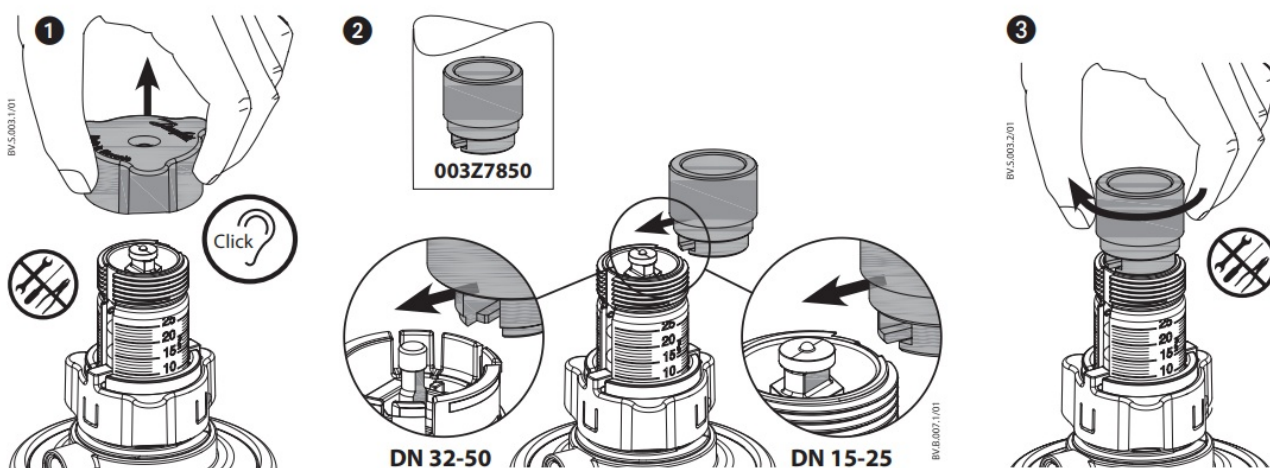
Shut off



Setting



Flushing



Operation

1. To shut off the valve, turn it to the "CLOSE" position.
2. To open the valve, turn it to the "OPEN" position.

Maintenance

1. Periodically check and adjust the torque for opening and closing to ensure smooth operation.

2. Follow the recommended flushing guidelines to maintain optimal performance.

Danfoss A/S

Climate Solutions danfoss.com +45 7488 2222

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FAQs

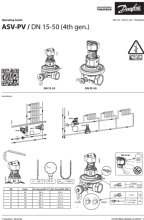
Q: What should I do if the valve is leaking?

A: Check the connection points for any loose fittings or damaged seals. Tighten connections or replace seals as needed.

Q: How often should I perform maintenance on the valve?

A: It is recommended to check and adjust the torque settings and perform flushing at least once every six months to ensure proper functionality.

Documents / Resources

	<p>Danfoss ASV-PV Automatic Balancing Valves [pdf] Installation Guide</p> <p>ASV-PV Automatic Balancing Valves, ASV-PV, Automatic Balancing Valves, Balancing Valves, V alves</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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