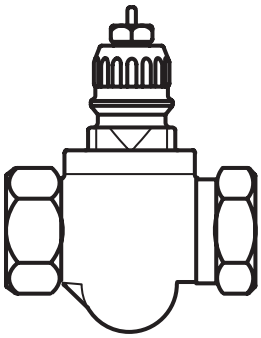
ENGINEERING
TOMORROW

User Guide

Danfoss PFM100 Δp Tool for RA-DV, RA-N, RA-U, Danfoss BIV

013R9684

1. Prepare the valve



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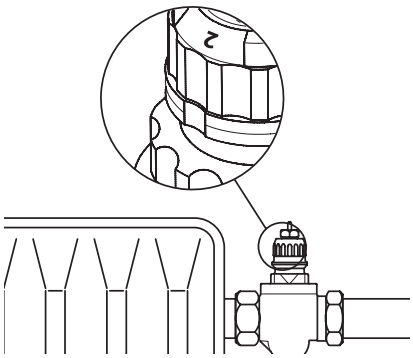

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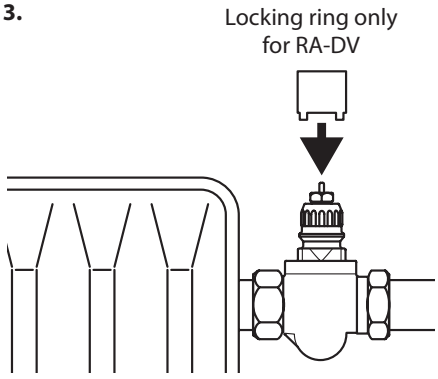

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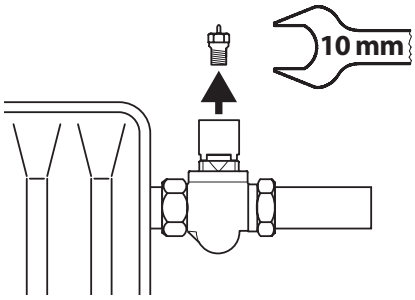

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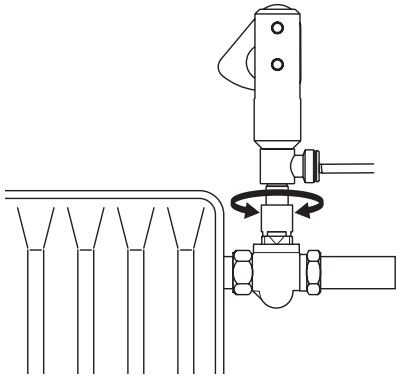
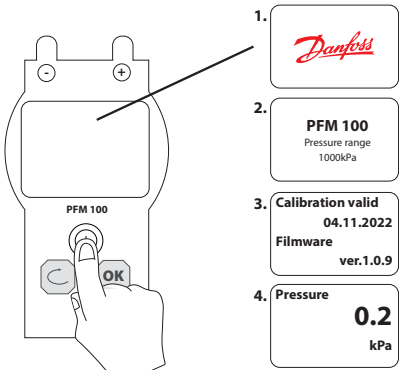


6. Turn on the PFM100 tool



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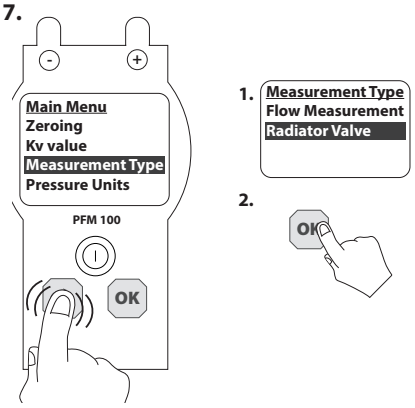

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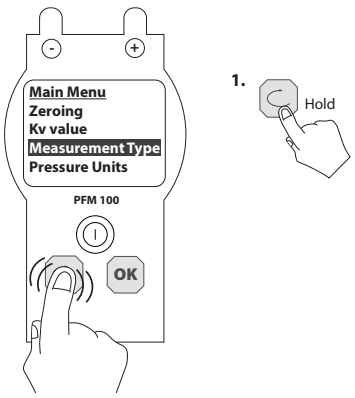

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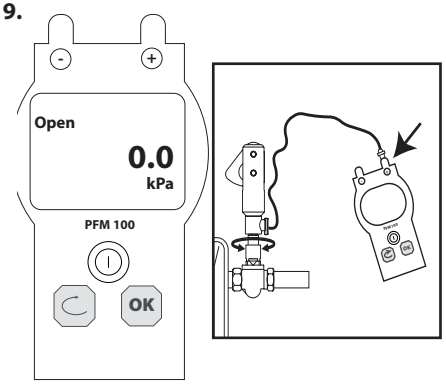
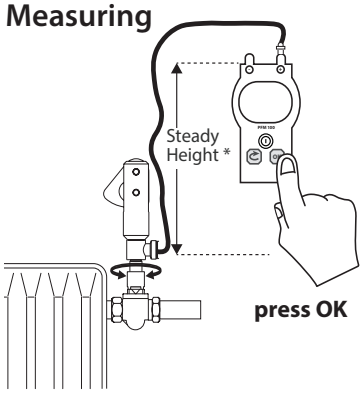


1. Measuring



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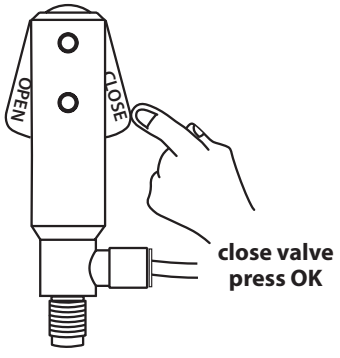

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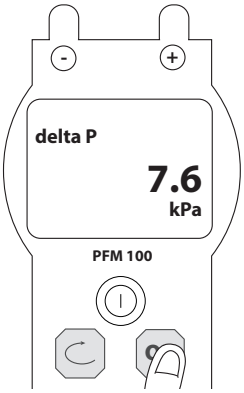


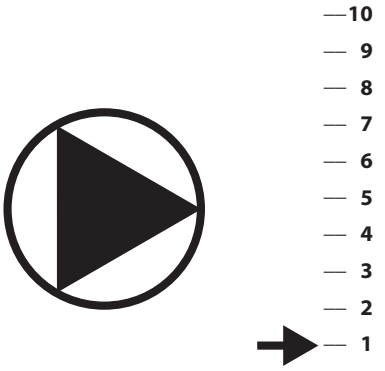
** Steady height by all measurements*

User Guide

Pump Optimization with the Danfoss Δp Tool for *Dynamic Valve*™ (example)

Make sure: **1) the pump is set in constant pressure**
2) all the valves in the system are fully open

1.



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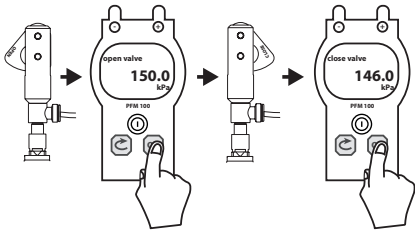

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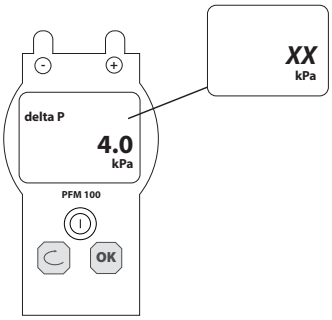

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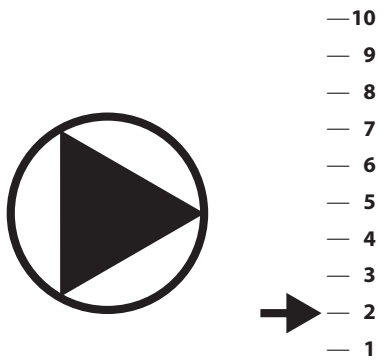

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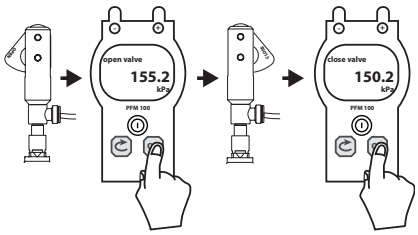

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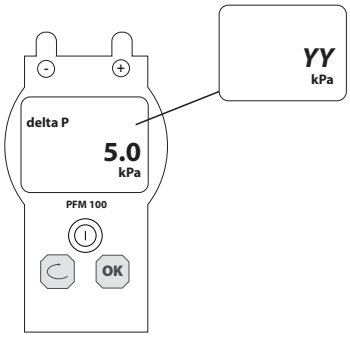
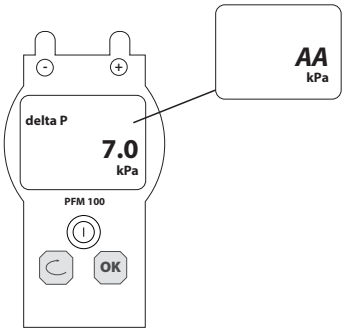


7.

If the differential pressure **is constant (XX=YY)*** go one level down in the pump setting ▶**DONE**

If the differential pressure **is not constant (XX≠YY)** increase the pump setting and measure again. **See 8 to 11.**

8.



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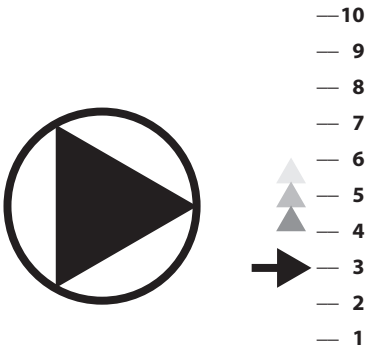

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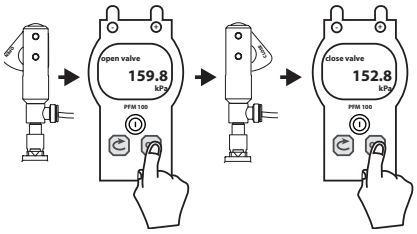

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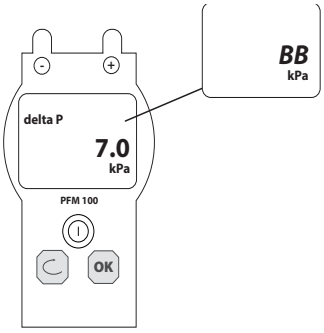

12.

Repeat 8-11 until the differential pressure **is constant (AA=BB)*.** Go one level down in the pump setting ▶**DONE**

Danfoss Installer App
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iPhone ▶ App Store

* The measured value at constant differential pressure is between 6 to 10 kPa

Danfoss A/S
Heating Segment • heating.danfoss.com • +45 7488 2222 • E-Mail: heating@danfoss.com

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