



Danfoss PFM100 Measuring Instrument User Guide

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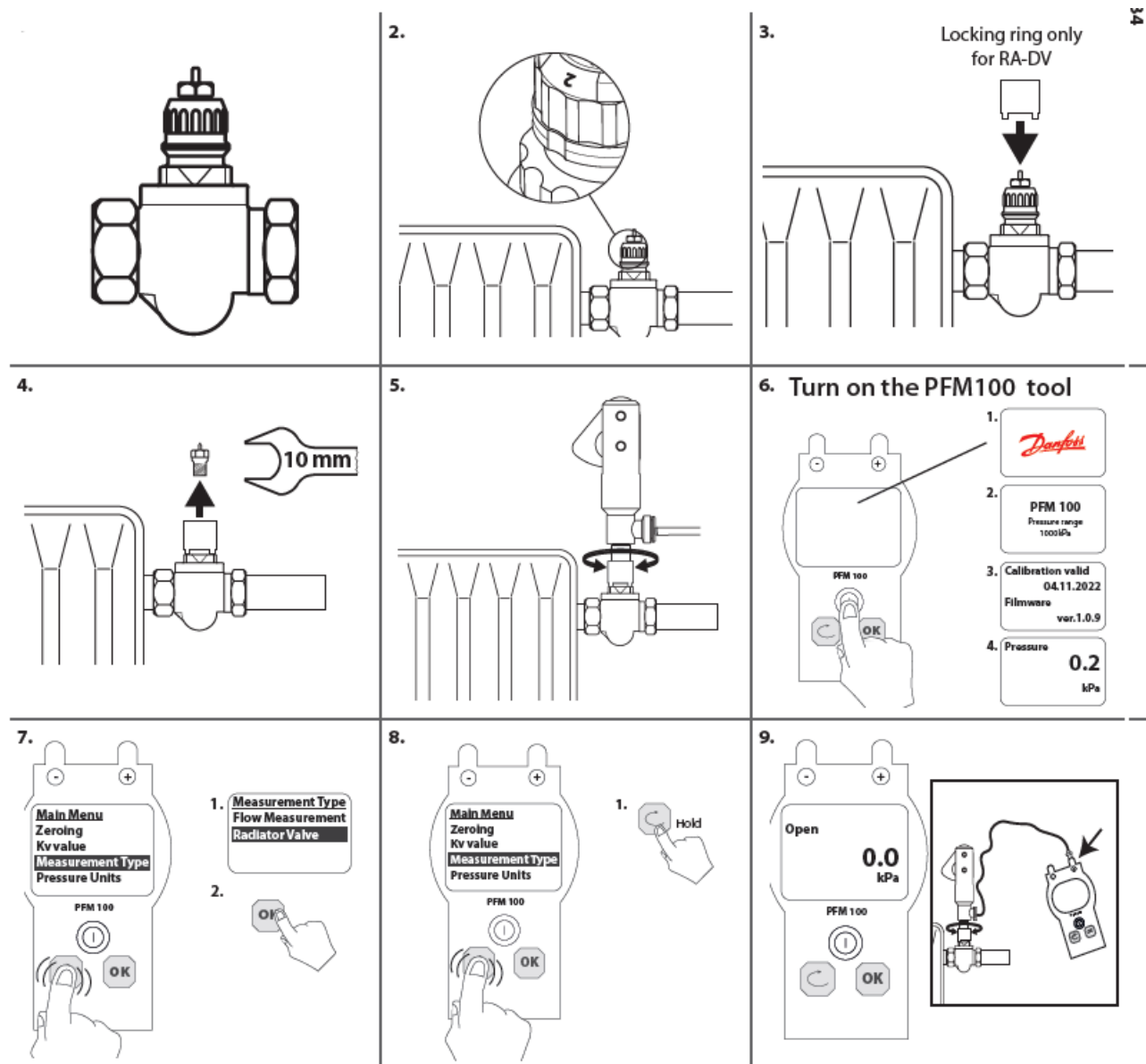
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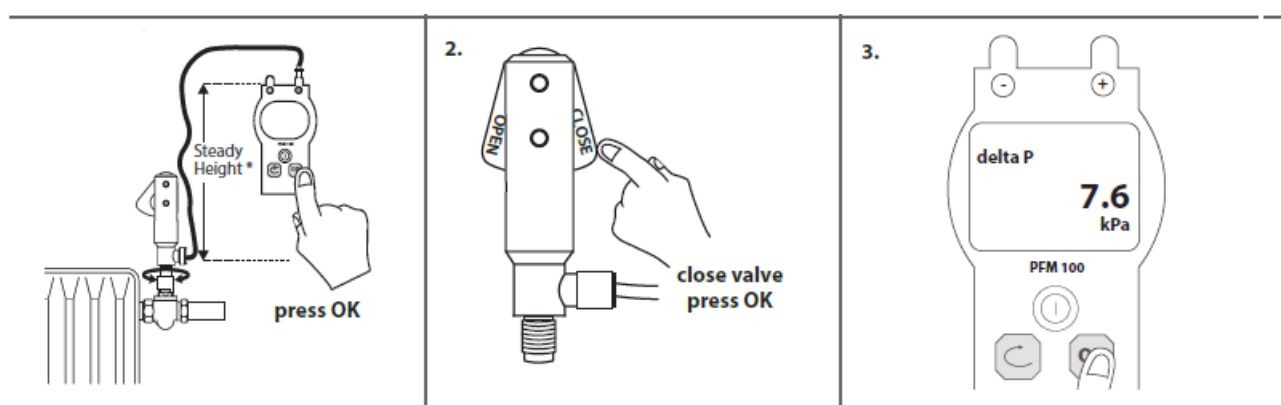
Danfoss PFM100 Measuring Instrument



Prepare the valve




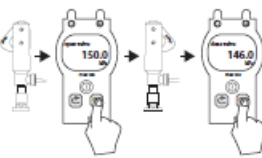
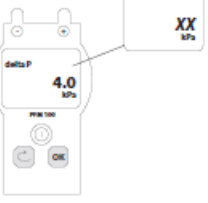

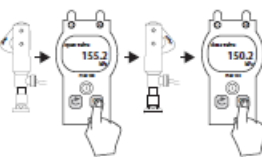
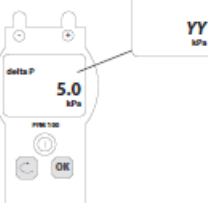


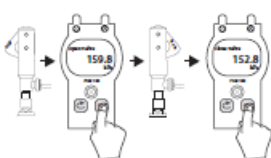
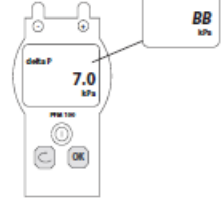

Measuring



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

<p>1.</p>  <p>—10 —9 —8 —7 —6 —5 —4 —3 —2 —1</p> <p>➔</p>	<p>2.</p> 	<p>3.</p>  <p>XX kPa</p>
<p>4.</p>  <p>—10 —9 —8 —7 —6 —5 —4 —3 —2 —1</p> <p>➔</p>	<p>5.</p> 	<p>6.</p>  <p>YY kPa</p>
<p>7.</p> <p>If the differential pressure is constant (XX=YY)* go one level down in the pump setting ➔ DONE</p> <p>If the differential pressure is not constant (XX≠YY) increase the pump setting and measure again. See 8 to 11.</p>	<p>8.</p>  <p>AA kPa</p>	<p>9.</p>  <p>—10 —9 —8 —7 —6 —5 —4 —3 —2 —1</p> <p>➔</p>
<p>10.</p> 	<p>11.</p>  <p>BB kPa</p>	<p>12.</p> <p>Repeat 8-11 until the differential pressure is constant (AA=BB)*. Go one level down in the pump setting ➔ DONE</p> <p>Danfoss Installer App Android ➔ Google Play iPhone ➔ App Store</p> 

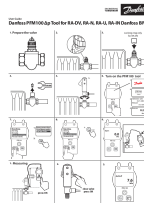
* The measured value at constant differential pressure is between 6 to 10 kPa

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Documents / Resources

	<p>Danfoss PFM100 Measuring Instrument [pdf] User Guide PFM100 Measuring Instrument, PFM100, Measuring Instrument, Instrument</p>
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References

-  [Danfoss Climate Solutions for heating | Efficient solutions for superior comfort | Danfoss](#)

Manuals+.