

# Installation Guide

## Electrically Operated Expansion Valve Types AKV 15, AKVA 15

068R9551

<p><b>Refrigerants:</b>  <b>AKV</b>  R744, R22/R407C, R404A/R507, R410A, R134a, R407A, R23. For  <b>AKVA</b>  R744, R717, R22/R407C, R404A/R507, R410A, R134a, R407A, R23.  For other refrigerants, please contact Danfoss.</p>	<p><b>Max. working pressure:</b> PS= 28 bar/MWP 400 psig</p> <p><b>Max. test pressure:</b> P<sub>e</sub> = 36 bar (520 psig)</p> <p><b>Max. differential pressure MOPD</b> = (P<sub>1</sub> - P<sub>2</sub>)<sub>max.</sub> = 20 bar (290 psi)</p>
<p><b>Ambient temperature:</b> Min. t<sub>amb</sub> -50 °C (-58 °F)  Max. t<sub>amb</sub> 50 °C (120 °F)</p>	<p><b>Media temperature:</b> Min. t<sub>media</sub> -50 °C (-58 °F)  Max. t<sub>media</sub> 60 °C (140 °F)</p>
<p><b>AKV 15</b></p> <p>Max. 150 °C (300 °F)</p> <p>Max. 700 °C (1300 °F)</p> <p>DANFOSS A6BF466.10</p>	<p><b>AKVA 15</b></p> <p>Max. 150 °C (300 °F)</p> <p>DANFOSS A6BF471.10</p>
<p><b>Do not insulate the coil</b></p>	<p>120 V d.c. / 24 V a.c.</p> <p>On ↓</p> <p>Off ↻</p> <p><b>Warning</b></p> <p>Never switch on power to the coil when the coil is dismantled from the valve. Otherwise the coil may be damaged and there is risk of injuries and burns.</p>

**! The gasket must be replaced, if the valve is dismantled.**

