

Installation Guide

Electrically Operated Expansion Valve Types AKV 15, AKVA 15

068R9551

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| <p>Refrigerants: AKV R744, R22/R407C, R404A/R507, R410A, R134a, R407A, R23. For AKVA R744, R717, R22/R407C, R404A/R507, R410A, R134a, R407A, R23. For other refrigerants, please contact Danfoss.</p> | <p>Max. working pressure: PS= 28 bar/MWP 400 psig</p> <p>Max. test pressure: P_e = 36 bar (520 psig)</p> <p>Max. differential pressure MOPD = (P₁ - P₂)_{max.} = 20 bar (290 psi)</p> |
| <p>Ambient temperature: Min. t_{amb} -50 °C (-58 °F) Max. t_{amb} 50 °C (120 °F)</p> | <p>Media temperature: Min. t_{media} -50 °C (-58 °F) Max. t_{media} 60 °C (140 °F)</p> |
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| <p>AKV 15</p> <p>Max. 150 °C (300 °F)</p> <p>Max. 700 °C (1300 °F)</p> <p>DANFOSS A6BF466.10</p> | <p>AKVA 15</p> <p>Max. 150 °C (300 °F)</p> <p>DANFOSS A6BF471.10</p> |
| <p>Do not insulate the coil</p> | <p>120 V d.c. / 24 V a.c.</p> <p>On ↓</p> <p>Off ↻</p> <p>Warning</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.

