

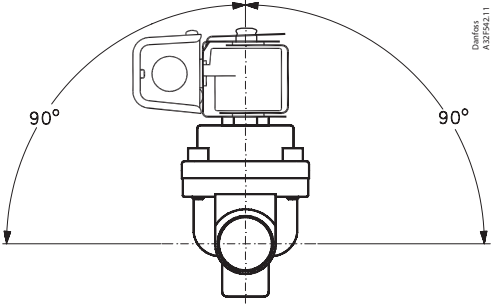
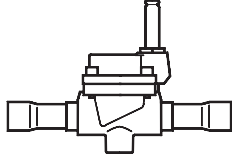
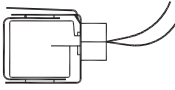
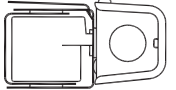
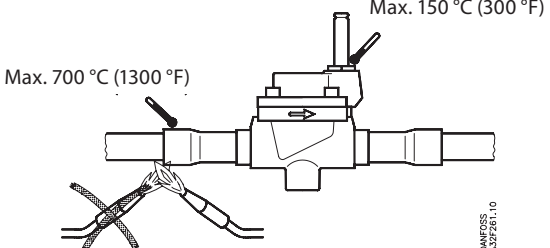
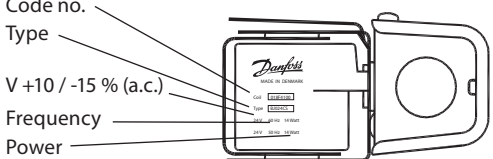
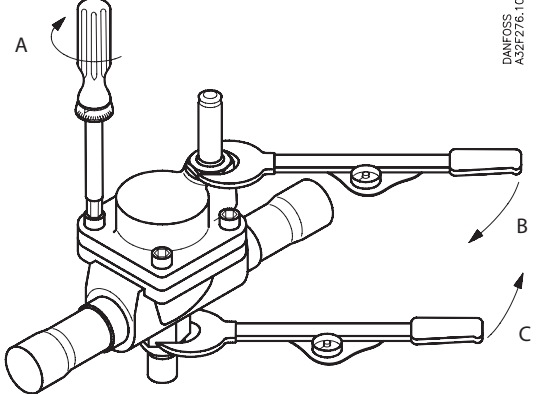
Installation Guide

Solenoid Valve

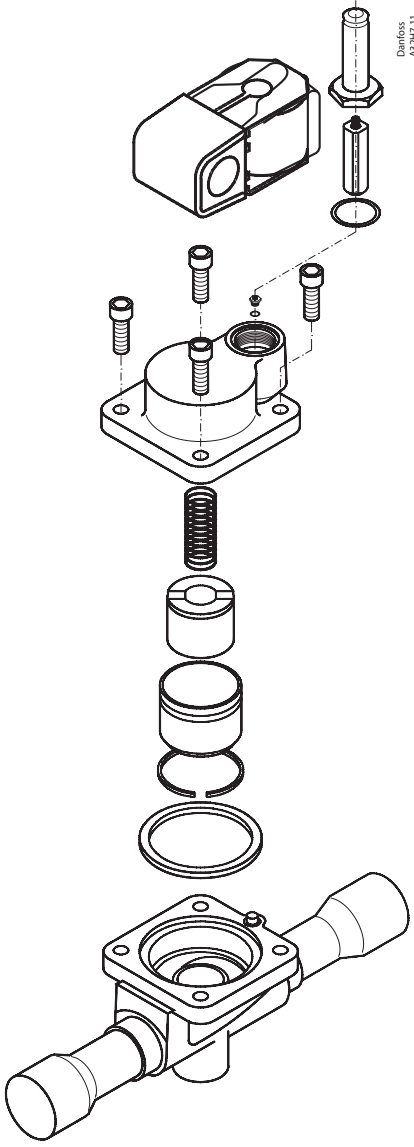
Type EVR 25

032R9523

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<p>Refrigerants</p> <p>R22/R407C, R404A/R507, R410A, R134a, R407A, R23. For other refrigerants, please contact Danfoss.</p>	<p>Max. working pressure: 500 psig (35 bar)</p> <p>Max. test pressure: 650 psig (45 bar p_e)</p> <p>Max. opening diff. pressure (MOPD): a.c. 350 psig (24 bar p_e) d.c. 205 psig (14 bar p_e)</p>																																													
<p>Refrigerant temperature: Min. -40 °F (-40 °C) Max. 220 °F (105 °C)</p>	<p>Ambient temperature: Min. -40 °F (-40 °C) Max. 122 °F (50 °C)</p>																																													
<p>Mounting position</p> 	<p>Valve and coil</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>EVR 25</p>  </div> <div style="text-align: center;"> <p>Conduit boss</p>  </div> <div style="text-align: center;"> <p>Junction box</p>  </div> </div>																																													
<p>Soldering of copper connections</p> 	<p>Identification of coil and valve</p> 																																													
<p>Tightening torques</p>  <table border="1" data-bbox="491 1904 758 2072"> <thead> <tr> <th>[Nm]</th> <th>[kpm]</th> <th>[ft-lbs]</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>1.2</td> <td>9</td> </tr> <tr> <td>50</td> <td>5.0</td> <td>37</td> </tr> <tr> <td>30</td> <td>3.0</td> <td>22.5</td> </tr> </tbody> </table>	[Nm]	[kpm]	[ft-lbs]	12	1.2	9	50	5.0	37	30	3.0	22.5	<p>Caution Wiring and fusing (when used) must comply with prevailing local and national wiring codes and ordinances.</p> <p>Warning 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> <p>Transformer selection</p> <table border="1" data-bbox="833 1809 1476 2072"> <thead> <tr> <th colspan="2" rowspan="2">Coil</th> <th colspan="3">Inrush</th> </tr> <tr> <th>[Volt-Amp]</th> <th>[W]</th> <th>[Volt-Amp]</th> </tr> </thead> <tbody> <tr> <td>208 – 240 V</td> <td>50 Hz</td> <td>49</td> <td>14</td> <td>28</td> </tr> <tr> <td>230 V</td> <td>50 Hz</td> <td>49</td> <td>17</td> <td>28</td> </tr> <tr> <td>110 V</td> <td>50 – 60 Hz</td> <td>49</td> <td>16</td> <td>28</td> </tr> <tr> <td>120 V</td> <td>60 Hz</td> <td>49</td> <td>15</td> <td>28</td> </tr> <tr> <td>24 V</td> <td>50 – 60 Hz</td> <td>49</td> <td>14</td> <td>28</td> </tr> </tbody> </table>	Coil		Inrush			[Volt-Amp]	[W]	[Volt-Amp]	208 – 240 V	50 Hz	49	14	28	230 V	50 Hz	49	17	28	110 V	50 – 60 Hz	49	16	28	120 V	60 Hz	49	15	28	24 V	50 – 60 Hz	49	14	28
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Valve and coil construction



Cut-away

