



*This certifies that*

**DANFOSS A/S**

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*has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.*

*Model Numbers*

**EV220BW 32BE (EV220BW 32BE G114E NO000), EV220BW 40BE (EV220BW 40BE G112E NO000) & EV220BW 50BE (EV220BW 50BE G2E NO000) SOLENOID VALVES**

*The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

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*The product so mentioned will be valid until the end of:*

**May 2028**

*Certificate No.*

**2305064**

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a long horizontal flourish extending to the right.

Ian Hughes,  
WRAS Approvals Manager

**APPROVAL INFORMATION**

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between May 2023 & May 2028
Section Number:	<b>2230</b>
Section title:	<b>VALVES SOLENOID, METAL.</b>
Installation requirement notes:	<b>R001</b> (IRN's are set out in Appendix A)
Product description:	Range of normally open solenoid valves with brass bodies, EPDM 'O'-rings and diaphragm.  The inlet incorporates a stainless-steel strainer.  Maximum working pressure 10.0 bar.  Maximum operating temperature, EV220BW 50BE G2E NO000 model: Cold water use only, all other models: 85 °C. From November 2023 onwards all models: 85 °C.
Size:	See model.
Identification Marking:	Danfoss logo and flow arrow on body.
Factor:	Danfoss A/S
Model:	EV220BW 32BE (EV220BW 32BE G114E NO000): 1¼" BSP (F). EV220BW 40BE (EV220BW 40BE G112E NO000): 1½" BSP (F). EV220BW 50BE (EV220BW 50BE G2E NO000): 2" BSP (F).

## **APPENDIX A**

### **INSTALLATION REQUIREMENTS & NOTES**

You are advised to draw customers' attention to the installation requirements and notes set out below which must be followed to ensure that the fittings described above are installed in accordance with the requirements of the Regulations and Byelaws:

#### **IRN R001**

See text of entry for Installation Requirements or Notes.