

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S****Hydronic balancing & control**

declares under our sole responsibility that the

Product category: Automatic Balancing Valves; ASV Partner Valves**Type designation(s): ASV-BD/D PN20, DN 15-50**

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

Pressure Equipment Directive 2014/68/EU

	ASV-BD/D					
Pressure rate	DN15	DN20	DN25	DN32	DN40	DN50
PN 20	Art. 4§3					

Conformity assessment procedure according to PED.

Products that fall under Article 4§3 shall not be CE-marked according to this directive.

RoHS Directive 2011/65/EU including amendment 2015/863 (RoHS 2)

EN IEC 63000:2018. Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Applicable exemption:

6(c) of Annex III of the RoHS 2 directive

Date: 2023-07-20 Place of issue: LJUBLJANA	Issued by Signature: Name: Matjaž Osojnik Title: Portfolio Director	Date: 2023-07-20 Place of issue: LJUBLJANA	Approved by Signature: Name: Nanna Aage Lundsgaard Title: Vice President, Head of RD&E
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation



TULKOJUMS

Danfoss A/S
DK-6430 Nordborg
Dānija
CVR nr.: 2016 57 15
Tel. +45 7488 2222
Faks. +45 7449 0949

RAŽOTĀJA DEKLARĀCIJA

Danfoss A/S

Hidraulikas balansēšana un kontrole

deklarē ar pilnu atbildību, ka

Produktu kategorija: Automātiskie balansēšanas vārsti; ASV Partnervārsti**Tipa apzīmējums:** ASV-BD/D PN20, DN15-50

Uz kuriem attiecas šī deklarācija ir atbilstībā ar sekojošām direktīvām, standartiem vai citiem minētiem normatīviem dokumentiem, un kuri ir jāpielieto saskaņā ar ražotāja instrukcijām:

Spiediena iekārtu Direktīva 2014/68/EU

ASV-I/M/P/PV/D						
Spiediena klase	DN15	DN20	DN25	DN32	DN40	DN50
PN 20	Art. 4§3					

Atbilstības novērtēšanas procedūra saskaņā ar PED.

Produkti atbilst paragrāfam 4§3, saskaņā ar šo direktīvu tās nav jāmarķē ar CE marķējumu.

RoHS Direktīva 2011/65/ES ieskaitot grozījumus 2015/863 (RoHS 2)

EN 63000:2018 Tehniska dokumentācija elektrisko un elektronisko produktu novērtēšanai attiecībā uz bīstamo vielu ierobežošanu

Piemērojams atbrīvojums:

RoHS 2 direktīvas, III pielikuma, 6.(C) punkta

Datums: 2023.07.20 LJUBLJANA	Izdevis (paraksts)	Datums: 2023.07.20 LJUBLJANA	Apstiprināts: (paraksts)
Vārds, Uzvārds: Matjaž Osojnik Amats: Portfeļa direktors		Vārds, Uzvārds: Nanna Aage Lundsgaard Amats: Vice Prezidents, RD&E vadītājs	

Danfoss uzņemas pilnu atbildību par ražotāja deklarācijas versiju angļu valodā. Gadījumos par deklarācijas tulkošanu citā valodā tulks uzņemas atbildību par deklarācijas pareizu tulkojumu.

Tulkoja: Lauris Grope, SIA Danfoss, Tehniskā atbalsta speciālists

ID nr. BF20072023-en01

Versijas Nr. 01

Šo dok. pārvalda 500B0577

Lapa 1 no 1

**Danfoss A/S**6430 Nordborg
Denmark
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Fax: +45 7449 0949**DEKLARACJA PRODUCENTA****Danfoss A/S**

Równoważenie hydrauliczne i regulacja

Deklarujemy na naszą wyłączną odpowiedzialność, że produkty

Produkty: Automatyczne zawory równoważące, Zawory współpracujące ASV**Typ(y):** ASV-BD/D PN20, DN15-50

Objęte niniejszą deklaracją spełniają wymagania przewidziane poniższymi dyrektywami, normami lub innymi dokumentami normatywnymi, o ile te produkty stosuje się zgodnie z podaną przez nas instrukcją.

Dyrektywa urządzeń ciśnieniowych 2014/68/UE

Wskaźnik ciśnienia	ASV-BD/D					
	DN15	DN20	DN25	DN32	DN40	DN50
PN20	Art. 4§3					

Procedura oceny zgodności zgodnie z Dyrektywą urządzeń ciśnieniowych

Produkty objęte art. 4§3 nie są oznaczone znakiem CE zgodnie z niniejszą dyrektywą.

Dyrektywa RoHS 2011/65/EU uwzględniająca poprawkę 2015/863 (RoHS 2)

EN 63000:2018 Dokumentacja techniczna do oceny produktów elektrycznych i elektronicznych w odniesieniu do ograniczenia substancji niebezpiecznych

Zastosowane zwolnienie:

6(c) z Załącznika III do dyrektywy RoHS 2

Data: 2023.07.20 Miejsce wydania: LJUBLJANA	Wystawiony przez Podpis: Imię i nazwisko: Matjaž Osojnik Tytuł: Dyrektor ds. Portfolio Produktów	Data: 2023.07.20 Miejsce wydania: LJUBLJANA	Wystawiony przez Podpis: Imię i nazwisko: Nanna Aage Lundsgaard Tytuł: Wiceprezes, Dyrektor ds. Badań i Rozwoju
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Danfoss ręczy za prawidłowość jedynie sporządzonej w języku angielskim wersji deklaracji. W przypadku tłumaczenia deklaracji na inny język, za jej poprawność odpowiada tłumacz.

Tłumaczenie zatwierdził(a): Katarzyna Dragan, Kierownik Działu Aplikacji i Wsparcia Technicznego, Danfoss Poland Sp. z o.o.

**Danfoss A/S**6430 Nordborg
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Fax: +45 7449 0949**MANUFACTURER'S DECLARATION**
Declaration Of Energy Classes**Danfoss A/S**
HydronicS Division

declares under our sole responsibility that the

Product category: Balancing valves
Type designation(s): AB-QM, ASV-PV, AB-PM

Product category: Radiator valves
Type designation(s): RA-DV, RA-IN, RA-N, RA-U, RA-UN, RA-UR, VHS-DV

Product category: Sensors
Type designation(s): Eco™, Ally™
Type designation(s): RAX, Aveo™, Aero™, React™, Redia™; Regus™, RAS-C2, RAS-D2, RAX-K

Product category: Actuators
Type designation(s): NovoCon S, AME 110NL

Product category: Electronic room controls
Type designation(s): Danfoss Icon2™

covered by this declaration have designated energy classes in conformity with the following standard(s), provided that the product is used in accordance with our instructions.

EN ISO 52120-1:2022	Energy performance of buildings – Contribution of building automation, controls and buildings management – Part 1: General framework and procedures
EN ISO 16484-4:2025	Building automation and control systems (BACS) – Part 4: Control applications

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EXPORT CONTROL DECLARATION

Danfoss Article Information

Description of Article Automatic balancing and Pressure independent control valves	
Danfoss Product line PL28	
Danfoss Product Type AB-PM, AB-QM, AB-QM ANSI, AB-QM FLEXO, AB-QM CO6 FLEXO, APF, APT, AQF, AQT, ASV-BD, ASV-BD PURE, ASV-D, ASV-I, ASV-M, ASV-P, ASV-PV 3G, ASV-PV 4G, ASV-PV 4G PURE, FAN-Q,	
Danfoss Part Number or Part Number Range	
Country of Manufacture CN, SI, BG	
Dual-Use Item? (U.S. or EU) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If Yes, (ECCN number):	
Contains U.S. Origin Content? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	

U.S. Origin Content

	Percentage of U.S. Origin Hardware	Percentage of U.S. Origin Software
ALL U.S. Origin Content	None	None
U.S. Origin Content with Specific Export Control Classification Number	None	None

Disclaimer

Always refer to actuals on Invoice document and delivery note.
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Issue Date

4-Sept. 2024

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S**
HydronicS Division

declares under our sole responsibility that the

Product category: Balancing valves

Type designation(s): AB-QM, ASV-PV, AB-PM, MSV-F2

Type	DN	PN	PED Category
AB-QM	65-200	16	I
AB-QM	250	16	II
ASV-PV	65-200	16	I
ASV-PV	250	16	II
AB-PM	65-100	16	I
MSV-F2	65-200	16	I
MSV-F2	250-300	16	II
MSV-F2	350-400	16	III
MSV-F2	50-125	25	I
MSV-F2	150-250	25	II
MSV-F2	300-400	25	III

Covered by this declaration is in conformity with the following directive(s), regulation(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.



Pressure Equipment Directive 2014/68/EU

- EN 12266-1:2012 Industrial valves - Testing of metallic valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements
- EN 12516-2:2014 + A1:2021 Industrial valves - Shell design strength - Part 2: Calculation method for steel valve shells
- EN 13445-3:2021 Unfired pressure vessels - Part 3: Design

Conformity assessment procedure according to Module H - Full quality assurance.
A risk assessment has been performed and documented according to Annex I.

Products in categories I, II and III are marked with CE0062 and evaluated by:

BUREAU VERITAS SERVICES SAS
4 Place des Saisons
92400 COURBEVOIE
FRANCE

Certificate issued: **CE-0062-PED-H-DAF 002-24-DNK**

<p>Date: 27.11.2024</p> <p>Place of issue: Ljubljana</p>	<p>Issued by</p> <p>Signature:  Signed by: Samo Krančan 49CB37CCBD05404...</p> <p>Name: Samo Krančan Title: Sustainability and Compliance Director</p>	<p>Date: 27.11.2024</p> <p>Place of issue: Nordborg</p>	<p>Approved by</p> <p>Signature:  DocuSigned by: Nanna Aage Lundsgaard 02742C4F8E8A4FD...</p> <p>Name: Nanna Aage Lundsgaard Title: Vice President, Head of RD&E, HydronicS Division</p>
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CERTIFICATE OF QUALITY SYSTEM APPROVAL N° CE-0062-PED-H-DAF 002-24-DNK-rev-A

Bureau Veritas Services SAS, acting within the scope of its notification (notified body number 0062), attests that the quality system operated by the manufacturer for design, manufacture, final product inspection and testing of the pressure equipment/assembly identified hereunder has been examined against the provisions of annex III, module H, of the Pressure Equipment Directive n° 2014/68/EU, and found to satisfy the provisions of the directive which apply to it.

Manufacturer (Name):	Danfoss A/S
Address:	Nordborgvej 81 6430, NORDBORG, Denmark
Trading Name - Mark:	
Equipment/Assembly description:	Pressure Equipment and accessories for Danfoss Climate Solution - Hydraulics
Identification of equipment/assemblies concerned (or list on the back or attached where necessary):	See page 2

This certificate will expire on (dd/mm/yyyy): 20/11/2027

The approval is conditional upon the surveillance audits, visits, tests and verifications to be carried out by the local Bureau Veritas entity that entered into a contract with the manufacturer, pursuant to the provisions of such contract.

This certificate shall be deemed to be void and the manufacturer shall alone bear any consequences pursuant to its use, where the manufacturer fails to comply with his undertakings as per the agreement in respect of (a) implementation of the approved quality system and (b) inspection and tests on the final product, and generally where the manufacturer fails in particular to comply with any of his obligations under directive nr 2014/68/EU of 15 may 2014 as transposed in the applicable law(s).

Made at	On (dd/mm/yyyy)	Approved and Recorded in	Signed by	Signature authorised by Notified Body No 0062
Paris La Défense	11/07/2025	France	THIERRY CUISINIER	

Registration Code: 2025/001731/CE-0062-PED

The present document is subject to the terms of General Conditions of Service attached to the agreement signed by the applicant.
The present document shall not be reproduced, except by the manufacturer in compliance with the provisions of the contract entered into between the local Bureau Veritas entity and the manufacturer.



N° CE-0062-PED-H-DAF 002-24-DNK-rev-A

This revision supersedes certificate

CE-0062-PED-H-DAF 002-24-DNK

Reason of revision: Site of Tianjin closed and deleted from sites covered by the certificate

List of the concerned equipment/assemblies

Pressure equipment and accessories for Danfoss A/S, Danfoss Climate Solution - Hydronics:
Ball Valves, Seated and Automatic Control Valves, Balancing Valves, Substations and Strainers

Equipment: Type(s) and Category:

Ball Valves: JIP-** product families - Category I – III

Seated and Automatic Control Valves: Category I - III

AF(P)A VFG 2/21; AF(P)A VFG 25/27; AFD VFG 2/21; AFD VFG 25/27; AFD VFGS 2; AFP(-F) VFG 2/21; AFP(-F) VFG 25/27; AFPB-F VFG 2/2; AFPQ (4) VFG 2/21; AFQ VFG 2/21; AFQM (6) (KF2); AFQM-W (KF2); AHP; AHQM; AVA; AVD; AVP(-F); AVPA; AVPB(-F); AVPBT(-F); AVPQ(-F); AVPQT; AVQMP; AVQ(T); AVQM(T); PCV P/A/D/Q/PQ/D-S; V21; V21D28; VB 2; VF 2/3; VFG 2/21; VFG 33; VFGS 2; VFM 2; VFQ 2; VFQ 22/221; V22 ; V22D28; VFS 2; VFU 2/21; VG(F); VGU(F); VM/B 2; MEV; VFG 22; VFG 221; AFQM 2; AFQMP 2

Balancing Valves: AB-QM, ASV-PV, MSV-F2; AB-PM - Category I - III

Substations: Heavy Duty Stations for District Heating - Category II – III

Strainers: FVF - Category I - III

The following sites for manufacturing of above mentioned pressure equipment are covered by this certificate:

Danfoss Trata d.o.o., Jozeta Jame 16, 1210 Ljubljana-Sentvid, Slovenia

Danfoss Poland Sp. z o.o., Tuchom, ul. Teczowa 46, 80-209 Chwaszczyno, Poland

Danfoss (Anshan) Controls Co. Ltd., No. 643 Anliu Road, Tiexi District, 114016 Anshan City, Liaoning, China

General remarks:

Products in category 0 (SEP) are not CE marked according to the PED.

Above Products in category I – III are marked with CE 0062

Substations of category I are covered by Machinery Directive and are not marked with 0062