

(1) **CERTIFICATE OF CONFORMITY**
No. JSHP/70/CZ/2023 issue 0

- (2) Name and address of the manufacturer:
AFRISO sp. z o.o.
Szałsza, ul. Kościelna 7
42-677 Czekanów, Poland
- (3) Product name: **Hydraulic module**
Type: **AMB 760**
- (4) This certificate applies only to the evaluation, examination and tests of the represented product type on the basis of a certification program type 1a – PR-1a (acc. to PN-EN ISO/IEC 17067).
- (5) This certificate can be used as a basis to declare that the following manufactured copies of products comply with the requirements specified in the certificate.
- (6) Assessment, list of documents and test reports, that are the basis for issuing this certificate, have been included in a confidential product assessment report No. JSHP/RW/58/CZ/23/AP.
- (7) This certificate can be distributed only in an unchanged format. Partial reproduction and distribution of this certificate is prohibited.
- (8) This certificate is valid from 21.08.2023 to 20.08.2026.



Damian Wróbel
Kierownik
Jednostki Certyfikującej

Siemianowice Śl., 21st August 2023

 **HAMILTON**

J.S. Hamilton Poland Sp. z o.o.
Certification Body
ul. Wyzwolenia 14
41-103 Siemianowice Śląskie



AC 149

(9) Data necessary for identification of the product type:

The AMB 760 hydraulic module set is designed to connect an external monobloc heat pump with a heat buffer/heating system and a hot water tank. The internal electric switchboard enables the power supply and control of individual devices included in the module and/or heating system.

The most important elements are the USV-01 3-way switching valve, a flow heater with a maximum power of 6 kW, consisting of three modules of 2 kW each and magnetic dirt separator ADS 160. Hydraulic elements are connected by brass and steel pipes. All items are closed in a compact steel housing.

Technical parameters declared by manufacturer:

Rated voltage	AC 230 V ~ / AC 400 V 3N~
Rated frequency	50 Hz
Heater power	max 6 kW for 400 V AC max 2 kW for 230 V AC
Maximum operating pressure	3 bar (0,3 MPa)
Operating temperature	+5°C ÷ +75°C (max 90°C temporarily in the event of a failure)
Maximum glycol concentration	50%
Maximum heat pump power	10 kW
Weight	21 kg
Dimensions	605 x 555 x 200 mm



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(10) Basis for issuing the certificate:

EN 60335-1:2012 (PN-EN 60335-1:2012)	EN 60335-1:2012/A11:2014 (PN-EN 60335-1:2012/A11:2014-10)
EN 60335-1:2012/A13:2017 (PN-EN 60335-1:2012/A13:2017-11)	EN 60335-1:2012/A1:2019 (PN-EN 60335-1:2012/A1:2019-10)
EN 60335-1:2012/A2:2019 (PN-EN 60335-1:2012/A2:2019-11)	EN 60335-1:2012/A14:2019 (PN-EN 60335-1:2012/A14:2020-05)
EN 60335-1:2012/A15:2021 (PN-EN 60335-1:2012/A15:2022-01)	EN 60335-2-35:2016 (PN-EN 60335-2-35:2016-03)
EN 60335-2-35:2016-03/A1:2019 (PN-EN 60335-2-35:2016-03/A1:2010-05)	EN 60335-2-35:2016/A2:2021 (PN-EN 60335-2-35:2016-03/A2:2022-02)

(11) The certificate is valid only if the obligations contained in the certification agreement are respected.

(12) Document history:

- Certificate No. JSHP/70/CZ/2023 of 21.08.2023. - issue 0



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