

(1)

CERTIFICATE OF CONFORMITY
No. JSHP/65/CZ/2023

issue 0

(2) Name and address of the manufacturer:

PRODMAX Sp. z o.o.
ul. Sokołowska 38
05-806 Sokołów, Poland

(3) Product name: **Recuperators AIR EXPERT 400 and AIR EXPERT 600**

(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/52/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 31.07.2023 to 30.07.2026.




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

AIR EXPERT 400 and AIR EXPERT 600 recuperator, built in the form of a cuboid in a steel housing, is a device designed to save thermal energy by recuperation, constituting one of the elements used in energy-saving technology systems.

The recuperator is a supplementary device and cannot be used alone as the primary heating source.

The main elements of the recuperator equipment are:

- cross-counterflow heat exchanger,
- control system located in the internal service panel of the recuperator body,
- centrifugal fans: supply and exhaust with maintenance-free electric motors with electronic commutation, an external rotor and built-in thermal protection.

To prevent pollution of the supplied air, a supply filter with filtration class F7 is used. Exhaust filter with filtration class M5 is used to protect the air handling unit components against pollution. Condensate may form during the operation of the recuperator. The condensate is collected in the drip tray and discharged from the recuperator using a condensate pipe. The recuperator is equipped with a siphon that must be connected to the sewage system.

AIR EXPERT 400 and AIR EXPERT 600 recuperators differ in the motors used, the diameter of the connection ports and the heat exchanger, which results in efficiency of the device. Detailed technical parameters can be found in the user manual.

Technical parameters declared by the manufacturer:

Supply voltage	230 V
Ambient temperature	+10°C to +40°C
Relative humidity	up to 80%
Housing protection level	IP42



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



AC 149

(10) Basis for issuing the certificate:

EN 55014-1:2017

(PN-EN 55014-1:2017-06)

EN 55014-2:2015

(PN-EN 55014-2:2015-06)

EN 61000-3-2:2014

(PN-EN 61000-3-2:2014-10)

EN 61000-3-3:2013

(PN-EN 61000-3-3:2013-10)

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

(12) Document history:

- Certificate No. JSHP/65/CZ/2023 of 31.07.2023 - issue 0
- Certificate No. JSHP/65/CZ/2023 of 03.11.2023 - English issue 0



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Siemianowice Śl., 31st July 2023
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HAMILTON

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