

TEST CERTIFICATE

Number: **O-B-00927-24**

Revision No.: **1**

Customer: Kořton Spółka komandytowa
ul. Sosnowa 2
34-480 Jabłonka
POLAND

Product: Outdoor Air/Water Heat pump - monobloc

Type designation: Airadapt 3-12
Airadapt 4-16
Airadapt 4-20
Airadapt 6-30

Manufacturer: Kořton Spółka komandytowa
ul. Sosnowa 2
34-480 Jabłonka
POLAND

Test methods: ČSN EN 14511-3:2019, ČSN EN 14825:2020, EHPA Testing regulation – Testing of Air/Water Heat Pumps, version 2.4a

Basis of certificate: Test reports:
39-16823/T
Technical documents submitted by Kořton Spółka komandytowa

Temperature application: Medium temperature
(Reference water temperature 55 °C)

Reference heating season: „A” = average / „W” = warmer / „C” = colder
(Reference design conditions for heating Tdesignh = -10 °C / +2 °C / -22 °C)

Strojírenský zkušební ústav, s.p. “Engineering Test Institute, Public Enterprise” (SZÚ), confirms by this Test Certificate that the testing of the product in question was performed with the results as stated below.

Rules for handling the certificate are listed on the last page.

Valid from: 2025-12-05

Ing. Mario Jankola
Manager

Results:
Medium temperature application
 (Reference water temperature 55 °C)

| Model names | | | Kolton Airadapt 3-12 (Not tested) | Kolton Airadapt 4-16 (Not tested) | Kolton Airadapt 4-20 (Tested) | Kolton Airadapt 6-30 (Not tested) |
|--|------------------------|----------|---|---|-------------------------------------|---|
| Full load heating | $P_{designh}$ [kW] | A | 8.15 | 10.02 | 12.30 | 17.25 |
| | | W | 9.89 | 12.46 | 16.01 | 19.95 |
| | | C | 9.54 | 11.41 | 14.20 | 18.43 |
| Bivalent temperature | $T_{bivalent}$ [°C] | A | -10 | -10 | -10 | -10 |
| | | W | +2 | +2 | +2 | +2 |
| | | C | -15 | -15 | -15 | -15 |
| Seasonal coefficient of performance | SCOP [-] | A | 3.83 | 3.83 | 3.93 | 3.95 |
| | | W | 4.67 | 4.56 | 4.59 (Not tested) | 4.76 |
| | | C | 3.55 | 3.51 | 3.60 (Not tested) | 3.63 |
| Seasonal Space heating energy efficiency | η_s [%] | A | 150.1 | 150.2 | 154.1 | 155.2 |
| | | W | 184.0 | 179.2 | 180.8 (Not tested) | 187.4 |
| | | C | 138.9 | 137.3 | 140.8 (Not tested) | 142.2 |

(Tested) This test sample was tested at the Testing Laboratory.

(Not tested) The technical data were declared by the Manufacturer according to the model range specifications and were not tested by the Testing Laboratory.

Engineering Test Institute, Public Enterprise, confirms by this Test Certificate that the testing of the product in question was performed with the results as stated above. Engineering Test Institute, Public Enterprise, is an accredited Testing Laboratory 1045.1.

Specification of conditions:

| | | | |
|--|-------------------|--|-----------------|
| Compressor speed control | Variable | Heating water volume flow rate (indoor heat exchanger) | Variable |
| Outlet water temperature (indoor heat exchanger) | Variable | Source liquid volume flow rate (outdoor heat exch.) | — |
| Function | Reversible | | |

RULES FOR USING THE CERTIFICATE

The Certificate may be used during its period of validity and only on the condition that the provisions of the standard, normative document, or technical specification specified in the Certificate, according to which the product was certified, remain in force.

The Certificate may only be used as a certificate for the product whose specification is given on the previous page. This also applies to use in advertising, promotional and commercial materials. The certificate may not be reproduced in any other way than in full without the written consent of the SZÚ. Unauthorized or misleading use of the certificate may result in its withdrawal.

It is prohibited to change, amend or overwrite the data contained in the Certificate.

The Certificate may not be used to document the properties of product changed without the consent of the SZÚ, or that has undergone a change affecting compliance with the standard, normative document, or technical specification specified on the first page of the Certificate.

The SZÚ requires the certificate holder to keep records of all complaints and corrective actions related to products covered by this certificate.

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