



Strojirenský zkušební ústav, s.p., Brno, Česká republika  
Engineering Test Institute, Public Enterprise, Brno, Czech Republic

# TEST CERTIFICATE

Number **O-B-01035-23**

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

Product **Outdoor Air/Water Heat Pumps – monobloc**

Type designation / Trade mark **Kořton Airadapt 4-20**

Test methods **ČSN EN 14511-2:2019, ČSN EN 14511-3:2019,  
ČSN EN 14511-4:2019, ČSN EN 12102-1:2018, EHPA Testing  
regulation – Testing of Air/Water Heat Pumps, version 2.4a**

Basis of certificate **Test reports:  
39-16823/T of 2023-06-21  
39-16823/H of 2023-06-21  
Technical documents of KOŁTON SPÓŁKA KOMANDYTOWA**

Temperature application **LOW TEMPERATURE,  
(Reference water temperature 35 °C)  
MEDIUM TEMPERATURE  
(Reference water temperature 55 °C)**

<b>Results:</b>		
Temperature conditions*	<b>A7W35</b>	<b>A7W55</b>
Corrected heat capacity [kW]	9.406	9.539
Effective electric power input [kW]	1.707	2.668
Coefficient of performance [-]	5.511	3.576
Coefficient of performance [-]	5.511	3.576
Compressor settings [rpm]	2200	2400

(\*) Comment to abbreviated marking: e.g. A7/W35

A (air), 7 (input air – dry bulb temperature in °C) / W (water), 35 (output heating (cooling) water temperature in °C).





**Sound power level at temperature condition A7/W55\* (compressor: 1100 rpm, fan: AUTO):**

Air/Water Heat Pump – monobloc

**Kořton Airadapt 4-20**  
– outdoor unit –

Sound power level

L<sub>WA</sub> 59.5 ± 1.5 dB(A)

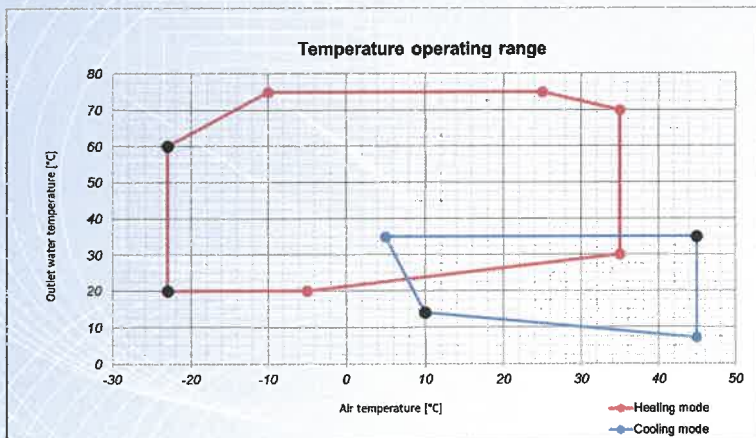
Accuracy class

Engineering (grade 2)

(\*) Comment to abbreviated marking: e.g. A7/W55

A (air), 7 (input air – dry bulb temperature in °C) / W (water), 55 (output heating (cooling) water temperature in °C).

**Temperature operating range:**



**Liquid flow rate in:**

outdoor heating exchanger

Minimum - m<sup>3</sup>/h  
Maximum - m<sup>3</sup>/h

indoor heating exchanger

Minimum 1 m<sup>3</sup>/h  
Maximum 3.2 m<sup>3</sup>/h

Complies with  
ČSN EN 14511-4:2019, articles:

4.2.1.2, 4.2.1.2, 4.5, 4.6

**Specification of conditions:**

Compressor speed control	<b>Variable</b>	Heating water volume flow rate (indoor heat exchanger)	<b>Variable</b>
Outlet water temperature (indoor heat exchanger)	<b>Variable</b>	Source liquid volume flow rate (outdoor heat exchanger)	-
Function	<b>Reversible</b>		

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.

Brno, 2023-06-29

**Milan Holomek**

Head of Heat and Environment-Friendly Equipment Test Station



- END OF TEST CERTIFICATE -

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