



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

TEST CERTIFICATE

Number **O-B-000925-24**

Customer

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

Product

Outdoor Air/Water Heat Pumps – monobloc

Type designation / Trade mark

Airadapt 3-12
Airadapt 4-16
Airadapt 4-20

Test methods

ČSN EN 14511-2:2019, ČSN EN 14511-3:2019,
ČSN EN 14511-4:2019, ČSN EN 12102-1:2023, EHPA Testing
regulation – Testing of Air/Water Heat Pumps, version 2.4a

Basis of certificate

Test reports:
39-16823/T of 2023-06-21
39-17801/H of 2024-06-18
Technical documents of KOLTON SPÓŁKA KOMANDYTOWA

Temperature application

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

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		



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**Results:**

Model names		Kořton Airadapt 3-12	Kořton Airadapt 4-16	Kořton Airadapt 4-20
Temperature condition*		(Not Tested)	(Not tested)	(Tested)
A7/W35	Corrected heating capacity [kW]	6.460	9.192	9.406
	Effective power input [kW]	1.222	1.734	1.707
	Coefficient of performance [-]	5.286	5.301	5.511
	Control settings [-]	-	-	-
A7/W55	Corrected heating capacity [kW]	6.038	9.062	9.539
	Effective power input [kW]	1.895	2.705	2.668
	Coefficient of performance [-]	3.187	3.350	3.576
	Control settings [-]	-	-	-
Sound power level at condition A7/W55* (at 1100 rpm):				
LWA Outdoor unit	[dB(A)]	53.0 ± 1.5	54.0 ± 1.5	54.5 ± 1.5
Accuracy class	Outdoor unit		Engineering (2)	

(*) Comment to abbreviated marking e.g. A7W35:

„A“ air, „7“ inlet temperature (dry-bulb temperature) in °C, „W“ water, „35“ outlet temperature in °C.

(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.

Brno, 2024-06-25

Ing. Mario Jankola

Heating Equipment and Construction Products Manager



- END OF TEST CERTIFICATE -