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

TEST CERTIFICATE

Number **O-B-01502-22 rev.1**

Customer	KOŁTON SPÓŁKA KOMANDYTOWA ul. Sosnowa 2 34-480 Jabłonka POLSKA
Product	Air/water heat pump – monobloc
Type designation / Trade mark	**Airkompakt p0916** **Airkompakt p1118** **Airkompakt p1522** **Airkompakt p1926**
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: 39-16511/T *of* 2022-09-16 39-16511/H *of* 2022-09-16 Technical documents of KOŁTON SPÓŁKA KOMANDYTOWA
Temperature application	**LOW TEMPERATURE,** (Reference water temperature 35 °C) **MEDIUM TEMPERATURE** (Reference water temperature 55 °C)

Specification of conditions:

Compressor speed control	**Fixed**	Heating water volume flow rate (indoor heat exchanger)	**Fixed**
Outlet water temperature (indoor heat exchanger)	**Variable**	Source liquid volume flow rate (outdoor heat exch.)	**–**
Function	**Reversible**		

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Results:

Model names			Airkompakt p0916 (Tested)	Airkompakt p1118 (Not tested)	Airkompakt p1522 (Not tested)	Airkompakt p1926 (Not tested)
Temperature condition*						
A7/W35	Corrected heat capacity	[kW]	9.062	11.200	15.180	19.650
	Effective power input	[kW]	1.950	2.599	3.667	4.226
	Coefficient of performance	[–]	4.647	4.310	4.140	4.650
	Control settings	[–]	–	–	–	–
A7/W55	Corrected heat capacity	[kW]	8.428	11.200	12.890	17.400
	Effective power input	[kW]	2.678	3.478	4.901	5.918
	Coefficient of performance	[–]	3.148	3.220	2.630	2.940
	Control settings	[–]	–	–	–	–
A2/W35	Corrected heat capacity	[kW]	6.996	9.400	13.500	14.400
	Effective power input	[kW]	1.911	2.473	3.562	3.891
	Coefficient of performance	[–]	3.660	3.800	3.790	3.700
	Control settings	[–]	–	–	–	–
Sound power level at condition A7/W55*:						
L_{WA}		[dB(A)]	62.9 ± 1.5	66.0 ± 1.5	68.0 ± 1.5	69.0 ± 1.5
Accuracy class					Engineering (2)	

(*) Comment to abbreviated marking e.g. A7W35 B0/W35:

„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, 2022-09-30

STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s.p. CZ 1

Milan Holomek

Head of Heat and Environment-Friendly Equipment Test Station

– END OF TEST CERTIFICATE –

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