



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

# TEST CERTIFICATE

Number **O-B-02245-19**

Customer Silesia-Term  
Nowy Dwór 6, 48-130 Kietrz, Poland

Product Air/Water Heat Pump – monobloc

Type designation / Trade mark **ST AIR 10 PREMIUM**  
**ST AIR 12 PREMIUM**  
**ST AIR 16 PREMIUM**  
**ST AIR 19 PREMIUM**

Test methods ČSN EN 14511-2+3:2019

Basis of certificate Test reports:  
39-11607/T/3 of 2018-12-17  
Technical documents of Silesia-Term

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

## Results:

Model names		ST AIR 10 PREMIUM	ST AIR 12 PREMIUM	ST AIR 16 PREMIUM	ST AIR 19 PREMIUM
Temperature condition*		(Not tested)	(Not tested)	(Tested)	(Not tested)
<b>A7W35</b>	Corrected heat capacity [kW]	9.300	12.000	14.601	18.200
	Effective power input [kW]	2.062	2.395	3.121	4.009
	Coefficient of performance [-]	4.510	5.010	4.678	4.540
<b>A2W35</b>	Corrected heat capacity [kW]	6.750	8.660	10.541	13.300
	Effective power input [kW]	1.923	2.309	2.901	3.789
	Coefficient of performance [-]	3.510	3.750	3.634	3.510

(\* ) 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, 2019-10-02

**Milan Holomek**

Head of Heat and Environment-Friendly Equipment Test Station

– END OF TEST CERTIFICATE –

O-B-02245-19, page 1 (1)

Strojirenský zkušební ústav, s.p., Hudcova 424/56b, 621 00 Brno, Česká republika  
Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

[www.szutest.cz](http://www.szutest.cz)

