



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

## TEST CERTIFICATE

Number **O-39-01048-18 rev.1**

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

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

Product Air/Water Heat Pump – monobloc

Type designation / Trade mark  
**ST AIR 8 ECONOMIC**  
**ST AIR 10 ECONOMIC**  
**ST AIR 13 ECONOMIC**  
**ST AIR 16 ECONOMIC**

Test methods EN 14511-2+3:2018

Basis of certificate Test reports:  
39-11607/T/1 of 2018-12-17,  
Technical documents of Silesia-Term

Temperature application **LOW**  
Reference water temperature 35 °C

### Results:

Rating condition*		Model names			
		ST AIR 8 ECONOMIC (Not tested)	ST AIR 10 ECONOMIC (Tested)	ST AIR 13 ECONOMIC (Not tested)	ST AIR 16 ECONOMIC (Not tested)
<b>A7/W35-25.5**</b>	Corrected heat capacity [kW]	8.40	10.859	13.40	16.80
	Effective power input [kW]	1.91	2.579	2.95	3.77
	COP [-]	4.39	4.211	4.54	4.45
<b>A2/W35-27.5**</b>	Corrected heat capacity [kW]	6.81	7.956	11.50	14.70
	Effective power input [kW]	2.06	2.584	3.36	4.36
	COP [-]	3.31	3.078	3.42	3.37

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

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

(\*\*) Condition defined by customer – volume flow rate of heating water 1 m<sup>3</sup>/h (minimal), and measured according to EN 14511-3:2018.

(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.

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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, 2018-12-18

**Milan Holomek**

Head of Heat and Environment-Friendly Equipment Test Station

- END OF TEST CERTIFICATE -

