



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

TEST CERTIFICATE

Number **O-39-01418-18**

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 16 PREMIUM**

Test methods EN 14511-2+3:2018

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

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

Results:		Standard condition	User condition	Standard condition	User condition
Temperature condition*		A7/W35	A7/W35-26.5**	A2/W35	A2/W35-27.8**
Corrected heating capacity	[kW]	14.601	14.782	10.541	10.456
Effective electric power input	[kW]	3.121	3.033	2.901	2.813
Coefficient of performance	[-]	4.678	4.874	3.634	3.717
Volume flow rate of heating water	[m ³ ·h ⁻¹]	2.511 (dT = 5 K)	1.498 (min)	2.163	1.500 (min)

(*) 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 1.5 m³/h (minimal), and measured according to EN 14511-3:2018.

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 -

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