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

TEST CERTIFICATE

Number **O-39-01047-18 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 10 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:		**Standard condition**	User condition	**Standard condition**	User condition
Temperature condition*		**A7/W35**	A7/W35-25.5**	**A2/W35**	A2/W35-27.5**
Corrected heating capacity	[kW]	10.695	10.859	7.801	7.956
Effective electric power input	[kW]	2.657	2.579	2.589	2.584
Coefficient of performance	[–]	4.026	4.211	3.013	3.078
Volume flow rate of heating water	[$m^3 \cdot h^{-1}$]	1.837 (dT = 5 K)	0.997 (min)	1.834	1.000 (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 m^3/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 –

STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s.p. CZ 1