



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

TEST CERTIFICATE

Number **O-39-00005-18**

Customer "Galmet Sp. z o.o." Sp. K.
ul. Raciborska 36
48-100 Głubczyce
Poland

Product Air/Water Heat Pump – monobloc

Type designation / Trade mark **Airmax² 16GT**
Airmax² 21GT
Airmax² 26GT
Airmax² 30GT

Test methods ČSN EN 14511-2+4:2014, ČSN EN 14825:2016, ČSN EN 12102:2014,
EHPA Testing regulation – Testing of Air/Water Heat Pumps, version 2.3

Basis of certificate Test reports:
39-11227/T of 2017-01-05,
39-11227/A/H of 2017-01-05,
Technical documents of "Galmet Sp. z o.o." Sp. K.

Temperature application **LOW, MEDIUM**
Reference water temperature 35 °C and 55 °C

Reference heating season **„A“ = average / „W“ = warmer / „C“ = colder**
Reference design conditions for heating $T_{designh} = -10\text{ °C} / +2\text{ °C} / -22\text{ °C}$

Specification of conditions:

Compressor speed control	Fixed	Rated liquid flow rate (indoor heat exchanger)	Variable
Outlet water temperature (indoor heat exchanger)	Variable	Rated liquid flow rate (outdoor heat exchanger)	---
Function	Reversible		

Registered test centre



O-30-00005-18, page 1 (2)

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Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

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**Results:**

Model names

Rating condition*		[kW]	Airmax ² 16GT	Airmax ² 21GT	Airmax ² 26GT	Airmax ² 30GT
			(Not tested)	(Tested)	(Not tested)	(Not tested)
A7/W35	Corrected heat capacity	[kW]	15.55	20.981	26.01	29.82
	Effective power input	[kW]	3.31	4.586	5.64	6.41
	COP	[-]	4.70	4.575	4.61	4.65
	Control settings	[%]	-	-	-	-
A2/W35	Corrected heat capacity	[kW]	11.25	15.031	18.75	21.42
	Effective power input	[kW]	3.17	4.342	5.34	6.09
	COP	[-]	3.55	3.461	3.51	3.52
	Control settings	[%]	-	-	-	-
A7/W55	Corrected heat capacity	[kW]	15.75	21.216	26.40	30.10
	Effective power input	[kW]	4.85	6.759	8.25	9.47
	COP	[-]	3.25	3.139	3.20	3.18
	Control settings	[%]	-	-	-	-

Sound power level at condition A7/W55*, accuracy class: Engineering (grade 2)

L _{WA}	Indoor unit	[dB(A)]	---	---	---	---
			Outdoor unit	73.5 ± 1.5	74.4 ± 1.5	75.0 ± 1.5

(*) 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).

(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, 2018-01-05

Milan Holomek

Head of Heat and Environment-Friendly Equipment Test Station

- END OF TEST CERTIFICATE -

