



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

TEST CERTIFICATE

Number **O-B-01523-19 rev. 1**

Customer "Galmet Sp. z o.o." Sp. K.
ul. Raciborska 36
Głubczyce
48-100
POLAND
KRS0000406285

Product Combination Heat Pump, Brine/Water – monobloc

Type designation / Trade mark **Maxima Compact 7GT,
Maxima Compact 10GT,
Maxima Compact 12GT**

Test methods ČSN EN 14511-2:2019,
ČSN EN 14511-3:2019,
ČSN EN 12102-1:2018

Basis of certificate Test reports:
39-13882/1/T of 2019-07-04,
39-13882/1/H of 2019-03-13,
Technical documents of "Galmet Sp. z o.o." Sp. K.

Temperature application **LOW TEMPERATURE,**
(Reference water temperature 35 °C)
MEDIUM TEMPERATURE
(Reference water temperature 55 °C)

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

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)	Variable
Function	Heating only		



O-B-01523-19 rev. 1, page 1 (2)

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





Results:

Temperature condition*	Model names	Maxima Compact 7GT	Maxima Compact 10GT	Maxima Compact 12GT
		(Not tested)	(Not tested)	(Tested)
B0/W35	Corrected heat capacity [kW]	7.25	9.85	12.50 (Verified)
	Effective power input [kW]	1.68	2.21	2.78 (Verified)
	Coefficient of performance [-]	4.32	4.46	4.50 (Verified)
	Control settings [Hz]	–	–	–
B0/W55	Corrected heat capacity [kW]	6.85	9.23	11.80 (Verified)
	Effective power input [kW]	2.49	3.21	4.12 (Verified)
	Coefficient of performance [-]	2.75	2.88	2.86 (Verified)
	Control settings [Hz]	–	–	–

Sound power level at condition B0/W55*
accuracy class – Engineering (grade 2)

L_{WA}	Outdoor unit	[dB(A)]	Maxima Compact 7GT	Maxima Compact 10GT	Maxima Compact 12GT
			–	–	–
	Indoor unit		51.5 ± 1.5	52.5 ± 1.5	54.4 ± 1.5

(*) Comment to abbreviated marking: e.g. B0/W35
B (brine), 0 (input source liquid 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.

(Verified) The technical data were declared by the Manufacturer according to the model range specifications and were verified 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, 2019-07-08

Milan Holomek

Head of Heat and Environment-Friendly Equipment Test Station



– END OF TEST CERTIFICATE –