



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

TEST CERTIFICATE

Number **O-39-01164-15**

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

Product Brine/water Heat Pump

Type designation / Trade mark **Maxima 7GT**
Maxima 10GT
Maxima 12GT
Maxima 16GT

Test method ČSN EN 14511-1:2014 to ČSN EN 14511-4:2014;
ČSN EN 12102:2014; **EHPA Testing regulation** – Testing of Brine/Water
Heat Pumps, version 2.0

Basis of certificate Test Report 39-10703/T/2 of 2015-11-30;
Test Report 39-10703/H/2 of 2015-11-27;
Technical documents submitted by "Galmet Sp. z o.o." Sp. K.

Temperature application **LOW and HIGH**
reference water temperature 35°C and 55°C

Reference heating season „A“ = average
„C“ = colder
„W“ = warmer

Conditions specification:

Outlet water temperature – Indoor heat exchanger –	<i>Variable</i>	Rated liquid flow rate – Outdoor heat exchanger –	<i>Variable</i>
Compressor speed control	<i>ON/OFF</i>	Rated liquid flow rate – Indoor heat exchanger –	<i>Variable</i>



Registered Test Centre



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Results:

Temperature conditions* / Indoor unit		Maxima			
		7GT (Not tested)	10GT (Not tested)	12GT (Not tested)	16GT (Tested)
B0/W35	Corrected heat capacity [kW]	7.25	9.85	12.50	16.565
	Effective power input [kW]	1.68	2.21	2.78	3.767
	COP [-]	4.32	4.46	4.50	4.397
B0/W55	Corrected heat capacity [kW]	6.85	9.23	11.8	15.475
	Effective power input [kW]	2.49	3.21	4.12	5.392
	COP [-]	2.75	2.88	2.86	2.870

Sound power level at B0/W55* (accuracy class 2)

L_w(A) – Indoor unit –	[dB(A)]	44.0 ± 1.5	45.0 ± 1.5	47.0 ± 1.5	49.3 ± 1.5
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(*) Comment to abbreviated marking: eg. B0/W35

„B“ brine, „0“ inlet source liquid temperature in °C, „W“ water, „35“ outlet temperature in °C
(Tested) This test sample/condition was tested in 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

The Engineering Test Institute, Public Enterprise, approves with this test certificate that testing of the product in question was performed with the results as stated above. The Engineering Test Institute, Public Enterprise, is accredited testing laboratory No. 1045.1.

Brno, 2015-11-30

Milan Holomek

Head of Heat and Ecological Equipment
Testing Laboratory Manager



- END OF TEST CERTIFICATE -

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