



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

TEST CERTIFICATE

Number **O-39-00397-16**

Manufacturer	"Galmet Sp. z o.o." Sp. K. ul. Raciborska 36 48-100 Głubczyce Poland		
Product	Domestic hot water heat pump		
Type designation / Trade mark	SPECTRA		
Test method	ČSN EN 16147:2011, ČSN EN 12102:2014, EHPA test regulation V1.7, ErP directives for energy labeling No. 812/2013, No. 814/2013, (2014/C 207/03), Microgeneration Certification Scheme MCS 007 v 5.0		
Basis of certificate	Test Reports: 39-10837/T1 of 2016-04-08, 39-10837/H1 of 2016-03-30 and Technical documents submitted by "Galmet Sp. z o.o." Sp. K.		
Reference heating season	„A“ = average, „W“ = warmer, „C“ = colder		
Volume of storage tank	liter		200
Temperature of thermostat	°C		55
Source temperature of air	°C		20 (12)
Heating up period t_h	min		303,55
Electrical energy W_{eh}	kWh		2,324
Stan-by power input P_{es}	W		25,9
Tapping cycle	No.		L
Total useful heat energy during the whole tapping cycle Q_{TC}	kWh		11,7168
Total electrical energy consumption during a tapping cycle W_{EL-TC}	kWh		3,3308
Coefficient of performance COP_{DHW}	-		3,518
Reference hot water temperature Θ_{WH}	°C		52,73
Maximum volume of usable hot water V_{max}	m^3		0,243
Energy label	class		A+
Energy efficiency	%		142
Annual energy consumption	kWh/a		721

The 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. The Engineering Test Institute, Public Enterprise., is an accredited Testing Laboratory 1045.1.

Registered Test Centre



O-39-00397-16, 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





– indoor unit –

Sound power level

L_{WA} 55.7 ± 1.5 dB(A)

Temperature condition*

A20/W45 *

Accuracy class

2

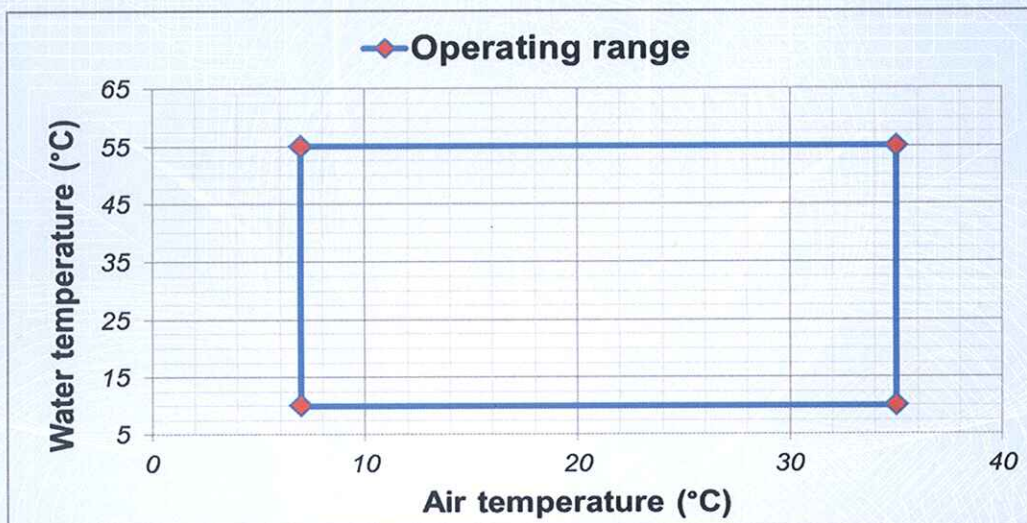
(*) Comment to abbreviated marking:

„A“ air, „20“ inlet temperature (dry temperature) in °C, „W“ water, „45“ outlet temperature in °C.

Temperature operating range

A7/ W10 – W55

A35/ W10 – W55



ČSN EN 16147 Article. 6.7.2

passed

Pressure safety contact device

ČSN EN 16147 Article. 6.8.2 a)

passed

ČSN EN 16147 Article. 6.8.2 b)

passed

does not apply

ČSN EN 16147 Article. 6.8.3

passed

ČSN EN 16147 Article. 6.8.4

passed

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, 2016-04-08

Milan Holomek

Head of Heat and Ecological Equipment
Testing Laboratory Manager

- END OF TEST CERTIFICATE -

