



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

TEST CERTIFICATE

Number **O-39-00980-17**

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

Product Domestic hot water heat pump – type Air/Water, monobloc

Type designation / Trade mark **Basic**

Test method ČSN EN 16147:2017; ČSN EN 12102:2014;
ErP directives for energy labelling and ecodesign No. 812/2013,
No. 814/2013, 2014/C 207/03

Basis of certificate Test Report 39-11274/T/1 of 2017-09-26;
Test Report 39-11274/A/H/1 of 2017-09-20;
Technical documents submitted by „Galmet Sp. z o.o.” Sp. K.

Results:	Symbol	Unit	A20(15)/W55	A15(12)/W55
Volume of tank		[l]	284.2	284.2
Thermostat set point temperature		[°C]	55.0	55.0
Load profile		[-]	XL	XL
Heat source temperature, air – dry bulb temp. (wet bulb temp.)		[°C]	20 (15)	15 (12)
Heating up time	t_h	[min]	628.53	713.27
Heating up electrical energy consumption	W_{eh-HP}	[kWh]	4.497	4.966
Stand-by power input	P_{es}	[W]	49.1	67.1
Total useful energy content during the load profile	Q_{LP}	[kWh]	19.0792	19.08
Total electrical energy consumption during the load profile	W_{EL-LP}	[kWh]	7.1003	8.0822
Daily electrical energy consumption	Q_{elec}	[kWh]	7.0969	8.0779
Coefficient of performance for domestic hot water	COP_{DHW}	[-]	2.687	2.361
Water heating energy efficiency	η_{wh}	[%]	111.76	98.97
Annual electrical energy consumption	AEC	[kWh/a]	1498.9	1692.5
Water heating energy efficiency class		[-]	A	A
Reference hot water temperature	Θ'_{WH}	[°C]	52.65	52.50
Maximum volume of mixed water at 40 °C	V_{40}	[l]	392.0	392.0
Smart control settings – thermostat set point temperature, mode		[-]	-	-
Smart control Factor	SCF	[-]	-	-
Order of the load profiles of Day 1 to Day 5		[-]	-	-
Rated heat output	P_{rated}	[kW]	-	-
Seasonal coefficient of performance	$SCOP_{DHW}$	[-]	-	-

Registered Test Centre

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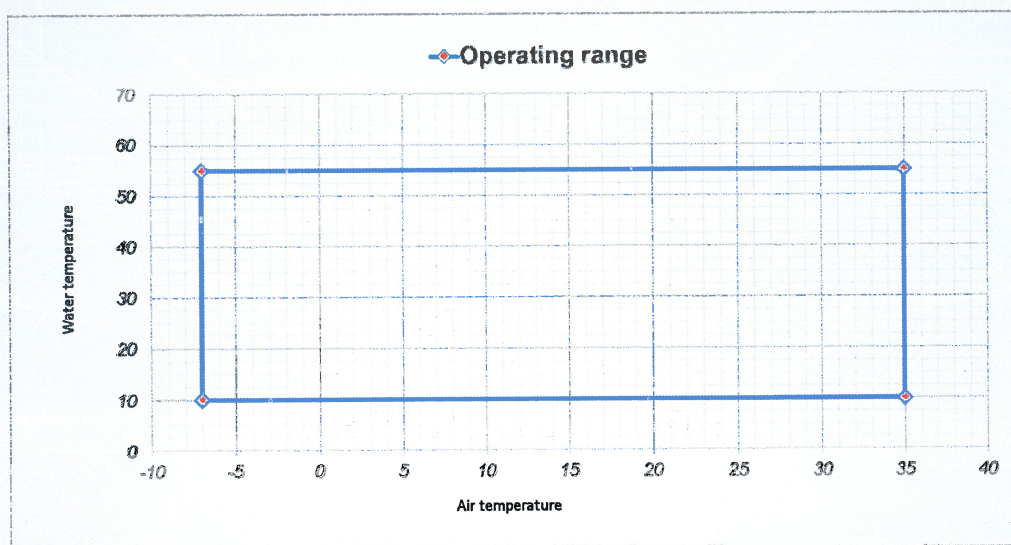
Sound power level:

Temperature conditions*	A20/W40-45*	outdoor unit	L_{WA}	[dB(A)]	62.1 ± 1.5
	accuracy class 2	indoor unit			

Temperature operating range*:

A-7/W10-55

A35/W10-55



Complies with ČSN EN 16147, articles: 8.2; 8.3.2 a); 8.3.2 b); 8.3.3; 8.4

(*) Comment to abbreviated marking: e.g. A7/W40-45; A (Air), 7 (inlet air, dry-bulb temperature in °C) / W (Water), 40 (heating water temperature inside the tank in °C).

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, 2017-10-09

Milan Holomek

Head of Heat and Ecological Equipment Testing Laboratory Manager

- END OF TEST CERTIFICATE -

