





## Product fiche / ERP Information Form

<b>Supplier name</b>				
<b>Model Name</b>		<b>WALLCON X-treme 42</b>	<b>WALLCON X-treme 50</b>	<b>WALLCON X-treme 67</b>
Seasonal Space heating efficiency class		A	A	A
Rated heat output $P_{rated}$		38,3 kW	46,3 kW	61 kW
At rated heat output and high-temperature regime, useful heat capacity (*) $P_4$		36,7 kW	45,4 kW	58,6 kW
At 30 % of rated heat output and low-temperature regime, useful heat capacity (**) $P_1$		7,15 kW	8,77kW	11,4 kW
At rated heat output and high-temperature regime, useful efficiency (*) $\eta_4$		88,1 %	87,9 %	89,1 %
At 30 % of rated heat output and low-temperature regime, useful efficiency (**) $\eta_1$		97,6 %	97,6 %	97,5 %
<b>Electricity Consumption</b>				
at full load $e_{lmax}$		0,110 kW	0,131 kW	0,170 kW
at part load $e_{lmin}$		0,088 kW	0,090 kW	0,100 kW
in stand by mode $P_{sb}$		0,006 kW	0,006 kW	0,005 kW
Standby heat loss $P_{stby}$		0,077 kW	0,077 kW	0,084 kW
Ignition burner power consumption $P_{ign}$		NA	NA	NA
Emissions of Nitrogen Oxide $NO_x$		42 mg / kWh	25 mg / kWh	21 mg / kWh
Seasonal Space heating energy efficiency $\eta_s$		90,4 %	91 %	91,2 %
Annual energy consumption $Q_{HE}$		117 GJ	144 GJ	185 GJ
Sound power level indoors $L_{WA}$		53,5 dB	55,5 dB	63 dB (A)
Condensing boiler		Yes	Yes	Yes
Low temperature boiler		No	No	No
B1 boiler		No	No	No
Combination heater		No	No	No
Cogeneration space heater		No	No	No
<b>Temperature controls</b>				
Supplier name		Siemens + TURKEY		
Model name		LMS 14.047B109		
Temperature control class <sup>1</sup>		VI		
Contribution of temperature control to seasonal efficiency		4 %		
Manufacturer	Gassero Isı Teknolojileri Sanayi Limited Şirketi			
Manufacturing address	İstanbul Endüstri ve Ticaret Serbest Bölgesi 4. Sokak Parsel No: 110/2 Tuzla/İstanbul/ TÜRKİYE			
 <b>Warning and information</b>				
Before any assembly, disassembly, installation or maintenance the user and installation manual has to be read attentively and to be followed.				
1) Definition of class VI thermostat				
— Class VI - Weather compensator and room sensor, for use with modulating heaters: A heater flow temperature control that varies the flow temperature of water leaving the heater dependent upon prevailing outside temperature and selected weather compensation curve. A room temperature sensor monitors room temperature and adjusts the compensation curve parallel displacement to improve room comfort. Control is achieved by modulating the output of the heater.				
(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet. (**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).				
In order to CE directives EU type inspection (Module B) has been made by Szutest in Brno laboratory. Production process inspection has been made by Kiwa certification organisation in order to module D production process based on quality assurance. Conformity marking: <b>“CE 0063”</b>				
This document has been prepared in order to EU 811/2013 regulation.				

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<b>Supplier name</b>				
<b>Model Name</b>		<b>WALLCON X-treme 115</b>	<b>WALLCON X-treme 125</b>	<b>WALLCON X-treme 150</b>
Seasonal Space heating efficiency class		A	A	A
Rated heat output <span style="float: right;"><math>P_{rated}</math></span>		105,4 kW	116,2 kW	138,0 kW
At rated heat output and high-temperature regime, useful heat capacity (*) <span style="float: right;"><math>P_4</math></span>		101,3 kW	107,9 kW	133,1kW
At 30 % of rated heat output and low-temperature regime, useful heat capacity (**) <span style="float: right;"><math>P_1</math></span>		20,8 kW	21,4 kW	26,6kW
At rated heat output and high-temperature regime, useful efficiency (*) <span style="float: right;"><math>\eta_4</math></span>		87,6 %	87,4 %	88,0 %
At 30 % of rated heat output and low-temperature regime, useful efficiency (**) <span style="float: right;"><math>\eta_1</math></span>		97,3 %	97,3 %	97,7 %
<b>Electricity Consumption</b>				
at full load <span style="float: right;"><math>e_{lmax}</math></span>		0,350 kW	0,360kW	0,461 kW
at part load <span style="float: right;"><math>e_{lmin}</math></span>		0,130 kW	0,130 kW	0,207 kW
in stand by mode <span style="float: right;"><math>P_{sb}</math></span>		0,007 kW	0,007 kW	0,007 kW
Standby heat loss <span style="float: right;"><math>P_{stby}</math></span>		0,123 kW	0,123 kW	0,142 kW
Ignition burner power consumption <span style="float: right;"><math>P_{ign}</math></span>		NA	NA	NA
Emissions of Nitrogen Oxide <span style="float: right;"><math>NO_x</math></span>		24 mg / kWh	35 mg / kWh	37 mg / kWh
Seasonal Space heating energy efficiency <span style="float: right;"><math>\eta_s</math></span>		91,1 %	91,1 %	91,3 %
Annual energy consumption <span style="float: right;"><math>Q_{HE}</math></span>		320 GJ	341 GJ	420 GJ
Sound power level indoors <span style="float: right;"><math>L_{WA}</math></span>		NA	NA	NA
Condensing boiler		Yes	Yes	Yes
Low temperature boiler		No	No	No
B1 boiler		No	No	No
Combination heater		No	No	No
Cogeneration space heater		No	No	No
<b>Temperature controls</b>				
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