


## Product fiche / ERP Information Form

<b>Supplier name</b>		
<b>Model Name</b>	<b>SUPERBOX 150</b>	
Seasonal Space heating efficiency class	A	
Rated heat output	$P_{rated}$	138,0 kW
At rated heat output and high-temperature regime, useful heat capacity (*)	$P_4$	133,1kW
At 30 % of rated heat output and low-temperature regime, useful heat capacity (**)	$P_1$	26,6kW
At rated heat output and high-temperature regime, useful efficiency (*)	$\eta_4$	88,0 %
At 30 % of rated heat output and low-temperature regime, useful efficiency (**)	$\eta_1$	97,7 %
<b>Electricity Consumption</b>		
at full load	$e_{lmax}$	0,461 kW
at part load	$e_{lmin}$	0,207 kW
in stand by mode	$P_{sb}$	0,007 kW
Standby heat loss	$P_{stby}$	0,142 kW
Ignition burner power consumption	$P_{ign}$	NA
Emissions of Nitrogen Oxide	$NO_x$	37 mg / kWh
Seasonal Space heating energy efficiency	$\eta_s$	91,3 %
Annual energy consumption	$Q_{HE}$	420 GJ
Sound power level indoors	$L_{WA}$	NA
Condensing boiler	Yes	
Low temperature boiler	No	
B1 boiler	No	
Combination heater	No	
Cogeneration space heater	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		
<p>— 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.</p>		
<p>(*) 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).</p>		
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 and EU 813/2013 regulations.		