

ERP DATA TABLE

according regulations 814/2013

Model(s):	LSGHP-40HT										
Air to water heat pump:	yes										
Water to water heat pump:	no										
Brine to water heat pump:	no										
Low temperature heat pump:	no										
Equiped with a supplementary heater:	no										
Heat pump combination heater:	no										
Parameters shall be declared for medium temperature application.											
Parameters shall be declared for average climate conditions.											
Item	Symbol	Value	Unit								
Rated heat Output	P_{rated}	29.6	kW								
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T_j											
$T_j = -7^\circ\text{C}$	P_{dh}	26.1	kW								
$T_j = +2^\circ\text{C}$	P_{dh}	16.0	kW								
$T_j = +7^\circ\text{C}$	P_{dh}	10.4	kW								
$T_j = +12^\circ\text{C}$	P_{dh}	4.4	kW								
$T_j = \text{bivalent temperature}$	P_{dh}	-	kW								
Annual energy consumption	Q_{HE}	198.0	GJ								
Biavalent temperature	T_{biv}	TOL	°C								
		Tdesignh									
Power consumption in modes other than active mode											
	P_{OFF}	0.000	kW								
	P_{TO}	0.021	kW								
	P_{SB}	0.005	kW								
	P_{CK}	-	kW								
Other items											
Capacity control	Variable										
Sound power level, indoors/outdoors	L_{wa}	-/80	dB								
<table border="1"> <tr> <td>For air to water heat pumps: Rated air flow rate, outdoors</td> <td>-</td> <td>10000</td> <td>m³/h</td> </tr> <tr> <td>For water or brine to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger</td> <td>-</td> <td>-</td> <td>m³/h</td> </tr> </table>				For air to water heat pumps: Rated air flow rate, outdoors	-	10000	m³/h	For water or brine to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
For air to water heat pumps: Rated air flow rate, outdoors	-	10000	m³/h								
For water or brine to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h								
(*) For heat pump space heaters and heat pump combination heaters, the rated heat output P_{rated} is equal to the design load for heating P_{design} and the rated heat output of a supplementary heater P_{sup} is equal to the supplementary capacity for heating sup (T_j).											
Additional information required by COMMISSION REGULATION (EU) No 813/2013, Table 2:											
Emissions of nitrogen oxides:	Nox	40	mg/kWh								

1. according commission delegated regulation (EU) No 812/2013

LSGHP-40HT_ErP DATA TABLE_SEPTEMBER 2015

