ERP DATA TABLE

according regulations 814/2013

Model(s):					LCGHP-40HT												
Air to water heat pump:					yes												
Water to water heat pump: Brine to water heat pump: Low temperature heat pump: Equiped with a supplementary heater:					no no no												
									Heat pump combination heater:					no			
									Parameters shall be declared for medium to	emperatur	e applica	ation.					
									Parameters shall be declared for average cl	imate cond	ditions.						
Item	Symbol	Value	Unit	Item		Symbol	Value	Unit									
Rated heat Output	P _{rated}	29.6	kW		ace heating energy efficiency	η_s	113	%									
Declared capacity for heating for part load a		l		Declared coe	efficient of performance or primary												
indoor temperature 20°C and outdoor				energy ratio	for part load at indoor temperature												
temperatureTj				20°C and outdoor temperature Tj													
Ti=-7°C	Pdh	26.1	kW	Ti=-7°C		PERd	97	%									
Tj=+2°C	Pdh	16.0	kW	Tj=+2°C		PERd	122	%									
Tj= +7°C	Pdh	10.4	kW	Tj=+7°C		PERd	119	%									
Tj= +12°C	Pdh	4.4	kW	Tj=+12°C		PERd	113	%									
Tj= bivalent temperature	Pdh	-	kW	-	Tj= bivalent temperature		-	%									
Annual energy consumption	Qне	195.0	GJ			PERd		, -									
Biavalent temperature	Tbiv	TOL<	°C	For air to wa	ter heat pumps:	TOL	-22	°C									
		Tdesignh		Operation limit temperature													
				He	Heating water operating limit		65	°C									
Power consumption in modes other than				Supplementary heater													
active mode	P off	0.000	kW	Rated heat o	Rated heat output P sup		-	kW									
	Р то	0.021	kW														
	P SB			monovalent													
	Р ск	-	kW														
Other items																	
Capacity control		Variable I			ater heat pumps:		10000	m³/h									
		Rat			rate, outdoors												
Sound power level,indoors/outdoors	Lwa	-/74	dB	For water or b		_	-	m³/h									
			1	heat numns: I	Rated brine or water flow rate outdoor		I	1									

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesign and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup (Tj).

heat exchanger

Additional information required by COMMISSION REGULATION (EU) No 813/2013, Table2:

Emmissions of nitrogen oxides:

Nox

40

mg/kWh

mg/kWh

LCGHP-40HT_ErP DATA TABLE_SEPTEMBER 2015



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