

Product Information

Energy labelling Regulation: (EU) 811/2013

Ecodesign Regulation: (EU) 813/2013

PRODUCT FICHE

Heat pump space heater		No label found for faw.heatpump.single.	GT-SKR040KBCD-M290T
Space Heating	Energy efficiency class 55°C (High temp. app.) Energy efficiency class 35°C (Low temp. app.)	- -	A++ A+++
Average climate (Design temperature = -10°C)			
Space heating 55°C	Prated (declared heating capacity) @ -10°C	[kW]	10.750
	Seasonal space heating efficiency (η_S)	[%]	143.5
	Annual energy consumption	[kWh]	6064
Space heating 35°C	Prated (declared heating capacity) @ -10°C	[kW]	10.855
	Seasonal space heating efficiency (η_S)	[%]	180.0
	Annual energy consumption	[kWh]	4902
off peak operation function integrated in Heat pump		Y/N	N
Colder climate (Design temperature = -22°C)			
Space heating 55°C	Prated (declared heating capacity) @ -22°C	[kW]	5.89
	Seasonal space heating efficiency (η_S)	[%]	112
	Annual energy consumption	[kWh]	4235
Space heating 35°C	Prated (declared heating capacity) @ -22°C	[kW]	9.86
	Seasonal space heating efficiency (η_S)	[%]	140.4
	Annual energy consumption	[kWh]	5682
Warmer climate (Design temperature = 2°C)			
Space heating 55°C	Prated (declared heating capacity) @ 2°C	[kW]	8.91
	Seasonal space heating efficiency (η_S)	[%]	187
	Annual energy consumption	[kWh]	3871
Space heating 35°C	Prated (declared heating capacity) @ 2°C	[kW]	12.86
	Seasonal space heating efficiency (η_S)	[%]	234
	Annual energy consumption	[kWh]	4484
Sound Power (*)		[dB(A)]	67
Ecodesign technical data			
Product description	Air-to-water heat pump:	Y/N	Yes
	Water-to-water heat pump:	Y/N	No
	Brine-to-water heat pump:	Y/N	No
	Low-temperature heat pump:	Y/N	No
	Equipped with a supplementary heater:	Y/N	No
	For heat pump combination heater:	Y/N	No
Air to water unit	Rated airflow (outdoor)	[m ³ /h]	4800
			3
Other	Capacity control	-	Inverter
	P _{off} (Power consumption Off mode)	[kW]	0.008
	P _{to} (Power consumption Thermostat off mode)	[kW]	0.023
	P _{sb} (Power consumption Standby mode)	[kW]	0.008
	P _{CK} (Power crankcase heater model)	[kW]	0.040
	Q _{elec} (Daily electricity consumption)	[kWh]	/
	Q _{fuel} (Daily fuel consumption)	[kWh]	/
Part load conditions space heating average climate			
(A) condition (-7°C)	P _{dh} (declared heating capacity)	[kW]	9.062
	COP _d (declared COP)	-	3.03
	C _{dh} (degradation coefficient)	-	0.90
(B) condition (2°C)	P _{dh} (declared heating capacity)	[kW]	5.927
	COP _d (declared COP)	-	4.66
	C _{dh} (degradation coefficient)	-	0.90
(C) condition (7°C)	P _{dh} (declared heating capacity)	[kW]	6.019
	COP _d (declared COP)	-	5.92
	C _{dh} (degradation coefficient)	-	0.90
(D) condition (12°C)	P _{dh} (declared heating capacity)	[kW]	6.962
	COP _d (declared COP)	-	7.93
	C _{dh} (degradation coefficient)	-	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10
	P _{dh} (declared heating capacity)	[kW]	9.209
	COP _d (declared COP)	-	2.73
	WTOL (Heating water Operation Limit)	[°C]	55
(F) No label found for faw.tbivalent.temperaturee.	T _{blv}	[°C]	-7
	P _{dh} (declared heating capacity)	[kW]	9.602
	COP _d (declared COP)	-	3.03
Capacity of the back-up heater integrated in the unit	P _{sup} back-up heater (@Tdesignh: -10°C)	[kW]	
Supplementary capacity at P _{design}	P _{sup} (@Tdesignh: -10°C)	[kW]	1.646

Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.
Sound power level in heating mode, measured according to the EN15036 for combustion boilers and EN 12102 for heat pumps under conditions of the EN ISO 3746, accuracy class 3
This data is for comparison of Energy efficiencies according to Regulation (EU) 2017/1369, for correct selection of products for your application, contact your dealer.
Depending on your application and the product selected an additional supplementary heater may have to be installed.