

# Product Information

Energy labelling Regulation: (EU) 811/2013

Ecodesign Regulation: (EU) 813/2013

## PRODUCT FICHE

<b>Heat pump space heater</b>		No label found for faw.heatpump.single.	<b>GT-SKR030KBCD-M290</b>
Space Heating	Energy efficiency class 55°C (High temp. app.) Energy efficiency class 35°C (Low temp. app.)	- -	A++ A+++
<b>Average climate (Design temperature = -10°C)</b>			
Space heating 55°C	Prated (declared heating capacity) @ -10°C	[kW]	6.905
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	139.8
	Annual energy consumption	[kWh]	3997
Space heating 35°C	Prated (declared heating capacity) @ -10°C	[kW]	6.409
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	176.3
	Annual energy consumption	[kWh]	2954
off peak operation function integrated in Heat pump		Y/N	N
<b>Colder climate (Design temperature = -22°C)</b>			
Space heating 55°C	Prated (declared heating capacity) @ -22°C	[kW]	5.90
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	109
	Annual energy consumption	[kWh]	4352
Space heating 35°C	Prated (declared heating capacity) @ -22°C	[kW]	5.40
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	137
	Annual energy consumption	[kWh]	3187
<b>Warmer climate (Design temperature = 2°C)</b>			
Space heating 55°C	Prated (declared heating capacity) @ 2°C	[kW]	8.901
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	182
	Annual energy consumption	[kWh]	3980
Space heating 35°C	Prated (declared heating capacity) @ 2°C	[kW]	8.40
	Seasonal space heating efficiency ( $\eta_S$ )	[%]	228
	Annual energy consumption	[kWh]	2998
Sound Power (*)		[dB(A)]	60
<b>Ecodesign technical data</b>			
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 <sup>3</sup> /h]	3300
			3
Other	Capacity control	-	Inverter
	P <sub>off</sub> (Power consumption Off mode)	[kW]	0.008
	P <sub>to</sub> (Power consumption Thermostat off mode)	[kW]	0.023
	P <sub>sb</sub> (Power consumption Standby mode)	[kW]	0.008
	P <sub>CK</sub> (Power crankcase heater model)	[kW]	0.040
	Q <sub>elec</sub> (Daily electricity consumption)	[kWh]	/
	Q <sub>fuel</sub> (Daily fuel consumption)	[kWh]	/
<b>Part load conditions space heating average climate</b>			
(A) condition (-7°C)	P <sub>dh</sub> (declared heating capacity)	[kW]	5.669
	COP <sub>d</sub> (declared COP)	-	2.76
	C <sub>dh</sub> (degradation coefficient)	-	0.90
(B) condition (2°C)	P <sub>dh</sub> (declared heating capacity)	[kW]	3.458
	COP <sub>d</sub> (declared COP)	-	4.67
	C <sub>dh</sub> (degradation coefficient)	-	0.90
(C) condition (7°C)	P <sub>dh</sub> (declared heating capacity)	[kW]	4.462
	COP <sub>d</sub> (declared COP)	-	6.30
	C <sub>dh</sub> (degradation coefficient)	-	0.90
(D) condition (12°C)	P <sub>dh</sub> (declared heating capacity)	[kW]	4.835
	COP <sub>d</sub> (declared COP)	-	7.79
	C <sub>dh</sub> (degradation coefficient)	-	0.90
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10
	P <sub>dh</sub> (declared heating capacity)	[kW]	5.372
	COP <sub>d</sub> (declared COP)	-	2.13
	WTOL (Heating water Operation Limit)	[°C]	55
(F) No label found for faw.tbivalent.temperaturee.	T <sub>blv</sub>	[°C]	-7
	P <sub>dh</sub> (declared heating capacity)	[kW]	5.669
	COP <sub>d</sub> (declared COP)	-	2.76
Capacity of the back-up heater integrated in the unit	P <sub>sup</sub> back-up heater (@Tdesignh: -10°C)	[kW]	
Supplementary capacity at P <sub>design</sub>	P <sub>sup</sub> (@Tdesignh: -10°C)	[kW]	1.037

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.