[1] Information sheet (Lot.21)

[2] This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) 2016/2281.

Model information

Outdoor unit / Indoor unit	AOHG54KRTA / ARXG54KHTB
Outdoor side heat exchanger of air conditioner	Air
Indoor side heat exchanger of air conditioner	Air
Compressor type / driver of compressor	Vapour compression / Electric motor

Cooling							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	13.4	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	201.0	%
Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19 °C (dry/wet bulb)				Declared energy efficiency ratio for part load at given outdoor temperatures Tj			
T_j = + 35 ºC	Pdc	13.40	kW	Tj = + 35 ºC	EER_d	2.81	—
T_j = + 30 °C	Pdc	9.87	kW	Tj = + 30 ºC	EER_d	4.60	—
T_j = + 25 °C	Pdc	6.35	kW	Tj = + 25 ºC	EER_d	6.57	—
T_j = + 20 °C	Pdc	4.52	kW	Tj = + 20 ºC	EER_d	6.50	—
Degradation co-efficient for air conditioners	C_{dc}	0.25	—	—	—	—	—
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	0.007	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermostat-off mode	P_{TO}	0.107	kW	Standby mode	P_{SB}	0.007	kW

Heating							
Rated heating capacity	$P_{rated,h}$	15.5	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	155.4	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance for part load at given outdoor temperatures Tj			
T_j = – 7 °C	Pdh	8.40	kW	T_j = – 7 °C	COP_d	2.98	—
T_j = + 2 °C	Pdh	5.12	kW	T_j = + 2 °C	COP_d	4.03	—
T_j = + 7 °C	Pdh	4.29	kW	T_j = + 7 °C	COP_d	4.76	—
T_j = + 12 °C	Pdh	4.90	kW	T_j = + 12 °C	COP_d	5.73	—
T_{biv} = bivalent temperature	Pdh	8.40	kW	T_{biv} = bivalent temperature	COP_d	2.98	—
T_{OL} = operation limit	Pdh	7.60	kW	T_{OL} = operation limit	COP_d	2.71	—
Bivalent temperature	T_{biv}	-7	°C	—	—	—	—
Degradation co-efficient heat pumps	C_{dh}	0.25	—				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.007	kW	Back-up heating capacity	elbu	1.40	kW
Thermostat-off mode	P_{TO}	0.016	kW	Type of energy input		Electricity	
Crankcase heater mode	P_{CK}	0.000	kW	Standby mode	P_{SB}	0.007	kW

Other items								
Capacity control		Variable			GWP of the refrigerant		675	kg $CO_{2\ eq}$ (100 years)
Sound power level (Indoor unit / Outdoor unit)	Cooling	L_{WA}	75.0 / 73.0	dB	Air flow rate, outdoor measured	Cooling	4450	m³/h
	Heating	L_{WA}	74.0 / 73.0	dB		Heating	4450	m³/h
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* Please refer to the last page for translation to other languages.