

[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	AOYG54LATT / AUYG54LRLA
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	$P_{rated,c}$	14.0	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	235.0	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19 °C (dry/wet bulb)				Declared energy efficiency ratio for part load at given outdoor temperatures T_j			
$T_j = + 35\text{ °C}$	P_{dc}	14.00	kW	$T_j = + 35\text{ °C}$	EER_d	3.21	—
$T_j = + 30\text{ °C}$	P_{dc}	10.32	kW	$T_j = + 30\text{ °C}$	EER_d	4.59	—
$T_j = + 25\text{ °C}$	P_{dc}	6.63	kW	$T_j = + 25\text{ °C}$	EER_d	7.05	—
$T_j = + 20\text{ °C}$	P_{dc}	5.77	kW	$T_j = + 20\text{ °C}$	EER_d	9.72	—
Degradation co-efficient for air conditioners	C_{dc}	0.25	—	—	—	—	—
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	0.020	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermostat-off mode	P_{TO}	0.003	kW	Standby mode	P_{SB}	0.020	kW

Heating							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	16.0	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	160.6	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j				Declared coefficient of performance for part load at given outdoor temperatures T_j			
$T_j = - 7\text{ °C}$	P_{dh}	9.20	kW	$T_j = - 7\text{ °C}$	COP_d	2.78	—
$T_j = + 2\text{ °C}$	P_{dh}	5.60	kW	$T_j = + 2\text{ °C}$	COP_d	3.99	—
$T_j = + 7\text{ °C}$	P_{dh}	5.19	kW	$T_j = + 7\text{ °C}$	COP_d	5.67	—
$T_j = + 12\text{ °C}$	P_{dh}	6.58	kW	$T_j = + 12\text{ °C}$	COP_d	6.93	—
T_{biv} = bivalent temperature	P_{dh}	9.20	kW	T_{biv} = bivalent temperature	COP_d	2.78	—
T_{OL} = operation limit	P_{dh}	9.79	kW	T_{OL} = operation limit	COP_d	2.36	—
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}	0.020	kW	Back-up heating capacity	el_{bu}	0.98	kW
Thermostat-off mode	P_{TO}	0.027	kW	Type of energy input	Electricity		
Crankcase heater mode	P_{CK}	0.000	kW	Standby mode	P_{SB}	0.020	kW

Other items								
Capacity control		Variable			GWP of the refrigerant		2088	kg CO ₂ eq (100 years)
Sound power level (Indoor unit / Outdoor unit)	Cooling	L_{WA}	63.0 / 71.0	dB	Air flow rate, outdoor measured	Cooling	6900	m ³ /h
	Heating	L_{WA}	61.0 / 72.0	dB		Heating	6900	m ³ /h
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* Please refer to the last page for translation to other languages.