

Product fiche

Delegated Regulation (EU) 626/2011

Supplier name or trademark	Samsung
Model identifier	AR40H09C1AMN/AR40H09C1AMX
Indoor Model Identifier(s)	AR40H09C1AMN
Outdoor Model Identifier	AR40H09C1AMX
Inside sound power levels (Cooling mode)	55 dB
Inside sound power levels (Heating mode)	- dB
Outside sound power levels (Cooling mode)	62 dB
Outside sound power levels (Heating mode)	- dB
Refrigerant Name	R32
Refrigerant GWP	675,000
Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675,000. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675,000 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.	
Cooling Mode	
Seasonal Energy Efficiency Ratio (SEER)	6,3
Energy Efficiency Class	A++
Annual Electricity Consumption	Energy consumption 156 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
Design Load	2,8 kW
Heating Mode	
Seasonal Coefficient Of Performance (SCOP) (Average season)	4,0
Energy Efficiency Class (Average season)	A+
Annual Electricity Consumption (Average season)	Energy consumption 910 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
Seasonal Coefficient Of Performance (SCOP) (Warmer season)	-
Seasonal Coefficient Of Performance (SCOP) (Colder season)	-
Energy Efficiency Class (Warmer season)	-
Energy Efficiency Class (Colder season)	-
Annual Electricity Consumption (Warmer season)	- kWh/annum
Annual Electricity Consumption (Colder season)	- kWh/annum
Design Load (Average season)	2,6 kW
Design Load (Warmer season)	- kW
Design Load (Colder season)	- kW
Declared capacity (Average season)	2,6 kW

Declared capacity (Warmer season)	- kW
Declared capacity (Colder season)	- kW
Backup heating capacity (Average season)	0,6 kW
Backup heating capacity (Warmer season)	- kW
Backup heating capacity (Colder season)	- kW

EPREL registration number: 2540441 Model placed on the Union market from 30/01/2026.		 https://eprel.ec.europa.eu/qr/2540441
Supplier: SAMSUNG ELECTRONICS (UK) LIMITED (Manufacturer)		Website:
Customer care service:		
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