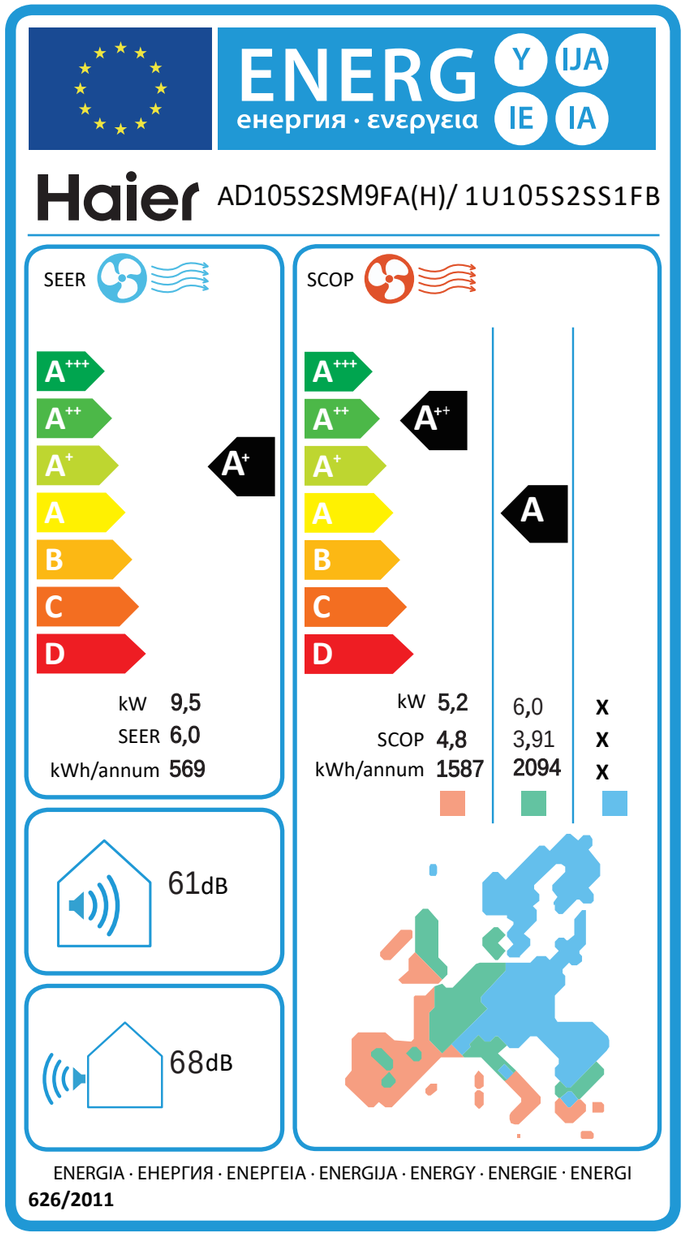
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AD105S2SM9FA(H)/ 1U105S2SS1FB
SEER
A+++
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kW 9,5
SEER 6,0
kWh/annum 569
SCOP
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A++
A+
A
B
C
D
A++
A
kW 5,2
SCOP 4,8
kWh/annum 1587
6,0
3,91
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X
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61dB
68dB
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Information requirements for heat pumps

Information to identify the model(s) to which the information relates:
Outdoor : 1U105S2SS1FB
Indoor: AD105S2SM9FA(H)

Outdoor side heat exchanger of heat pump: air

Indoor side heat exchanger of heat pump: air

Indication if the heater is equipped with a supplementary heater: NO

If applicable: driver of compressor: electric motor

Climate type: average heating season

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	10.5	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	153.4	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j				Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
Tj = – 7 °C	Pdh	6.11	kW	Tj = – 7 °C	COP_d	2.51	w/w
Tj = + 2 °C	Pdh	3.91	kW	Tj = + 2 °C	COP_d	3.85	w/w
Tj = + 7 °C	Pdh	2.7	kW	Tj = + 7 °C	COP_d	4.46	w/w
Tj = + 12 °C	Pdh	2.65	kW	Tj = + 12 °C	COP_d	5.78	w/w
T_{biv} = bivalent temperature	Pdh	7.2	kW	T_{biv} = bivalent temperature	COP_d	2.24	w/w
T_{OL} = operation limit	Pdh	7.2	kW	T_{OL} = operation limit	COP_d	2.24	w/w
Bivalent temperature	T_{biv}	-10	°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	kW	Back-up heating capacity	elbu	0	kW
Thermostat-off mode	P_{TO}	0.008	kW	Type of energy input	electric energy		
Crankcase heater mode	P_{CK}	0	kW	Standby mode	P_{SB}	0.003	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: air flow rate, outdoor measured	—	4500	m^3/h
Sound power level, indoor/outdoor measured	L_{WA}	61/66	dB	GWP of the refrigerant	675	kg $CO_{2\ eq}$ (100 years)	
Contact details	Please visit www.haier.com for further information						

Information requirements for air-to-air air conditioners

Information to identify the model(s) to which the information relates:
Outdoor： 1U105S2SS1FB
Indoor: AD105S2SM9FA(H)

Outdoor side heat exchanger of air conditioner: air

Indoor side heat exchanger of air conditioner: air

Type: compressor driven vapour compression or sorption process: vapour compression

If applicable: driver of compressor: electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	9.5	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	241.0	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19 °C (dry/wet bulb)				Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = + 35 °C	Pdc	9.5	kW	T_j = + 35 °C	EER_d	3.01	w/w
T_j = + 30 °C	Pdc	6.99	kW	T_j = + 30 °C	EER_d	4.65	w/w
T_j = + 25 °C	Pdc	4.46	kW	T_j = + 25 °C	EER_d	7.42	w/w
T_j = + 20 °C	Pdc	2.35	kW	T_j = + 20 °C	EER_d	10.97	w/w
Degradation co-efficient heat pumps	C_{dh}		—				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	0	kW	Crankcase heater mode	P_{CK}	0	kW
Thermostat-off mode	P_{TO}	0.008	kW	Standby mode	P_{SB}	0.003	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: air flow rate, outdoor measured	—	4500	m3/h
Sound power level, indoor/outdoor measured	LWA	61/66	dB	GWP of the refrigerant	675	kg CO2 eq (100 years)	
Contact details	Please visit www.haier.com for further information						