

# PRODUCT PERFORMANCE RATING

Document ID 1659523345-4a-d50e831c

Issued on: 3 August 2022 - Délivré le : 3 août 2022

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## Certificate N° 00.01.079

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Certification programmes / Programmes de certification

Product type / Type de produit

Model name / Nom du modèle

Range / Gamme

Participant / Titulaire

Brand / Marque

Air conditioners

Air to air, split, reversible ( $\leq 12$  kW)

AS25XCAHRA/1U25S2SM1FA-2

Wall mounted - EXPERT

Haier Overseas Electric Appliances Corp. Ltd

HAIER

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FEATURE	VALUE	UNIT
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	2.8	kW
SEER (Seasonal Energy Efficiency Ratio)	8.8	
Qce (Annual electricity consumption for cooling)	111	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A+++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	2.5	kW
SCOP (Reference SCOP)	4.75	
SCOP Class (Seasonal Coefficient Of Performance Class)	A++	
Qhe (Annual electricity consumption for heating)	737	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	59	dB(A)
Lw1 env (A-weighted sound power level indoor unit 1 (non ducted))	56	dB(A)
<b>Standard Cooling/Cooling PL Cond A</b>		
Pc (Total Cooling Capacity)	2.8	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.65	kW
EER (Energy Efficiency Ratio)	4.3	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	2.06	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	6.9	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.33	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	11.1	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	15.8	
<b>Standard Heating</b>		
Ph (Heating Capacity)	3.2	kW
Peh (Net Electric Power Consumption for Heating Only application )	0.76	kW
COP (Coefficient Of Performance)	4.2	



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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	2.21	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	3	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	1.35	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.95	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.2	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	6.35	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.1	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	6.96	
Bivalent Point		
Tbiv (Bivalent Temperature)	-7	°C
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	3	
Ph TBiv (Heating capacity at bivalent temperature)	2.21	kW
TOL Runing Test		
TOL (Operating LimitTemperature )	-10	°C
Ph E (Declared Heating Capacity @ TOL)	2.05	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.9	
Heating Warmer Climate		
SCOP (Refrence SCOP Warmer Climate)	5.1	
SCOP Class warmer climate (Seasonal Coefficient Of Performance Class (warmer climate))	A+++	
Qhe (Annual Electricity consumption)	631	kWh/annum
Poffc		
Poff (Power consumption in off mode)	2	W
Psb		
Psb (Power consumption in standby mode cooling (Paux, cooling))	2	W
Pto		
Pto (Power consumption in thermostat off mode)	10	W
General		

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FEATURE	VALUE	UNIT
<b>General</b>		
Inverter ( <i>Inverter (True/False)</i> )	true	
Capacity Control	Variable	
Main Power Supply ( <i>Voltage (V) - Phase - Frequency (Hz)</i> )	230-1-50	
Refrigerant	R32	
Refr. Line ( <i>Refrigerant Line. If possible</i> )	5m	m
Mounting ( <i>Mounting Type</i> )	Wall mounted	
<b>Eligible CEE</b>		
Eligible CEE ( <i>this item provide information if the unit is eligible to the certificat d'economie d'energie</i> )	true	