

# EU SEER/SCOP Test 欧盟SEER/SCOP测试

Version 1.0

Test Standard 测试标准:  (EU) No 626/2011    (EU) No 206/2012    EN14825    EN 14511    EN12102    Other \_\_\_\_\_

**GPA requirement: 产品审批要求:**

GPA requirement for rated SEER GPA 的额定制冷季节能效比要求 (%)	>=100%
GPA requirement for rated SCOP GPA 的额定制热季节性系数要求 (%)	>=100%
GPA requirement for Sound Power GPA 的声功率要求	<=Rated

Inverter Single Split type 变频一拖一 分体机  
  On/off Single Split type 定速一拖一 分体机  
  Inverter Multisplit type 变频一拖多 分体机  
  On/off Multisplit type 定速一拖多 分体机

ERP Hisense Mode: 欧洲海信型号:	AUC105UR4RKC8&AUW105U4RK7	Manufacturer Model: 工厂型号:	AUC-36UR4RKC8&AUW-36U4RK7
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**Test Result:**

Function (indicate to which function information applies)	If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.
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Cooling	Y	Average (mandatory)	Y
Heating	Y	Warmer (if designated)	Y
		Colder (if designated)	N

Item	Symbol	Rated value	Tested Value	Unit	Item	symbol	Rated value	Tested Value	unit
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Design load					Seasonal efficiency				
cooling	Pdesignc	10.00	10.000	kW	cooling	SEER	6.20	6.34	—
heating/Average	Pdesignh	8.00	8.000	kW	heating/Average	SCOP(A)	4.00	4.04	—
heating/Warmer	Pdesignh	8.00	8.000	kW	heating/Warmer	SCOP(W)	5.31	5.41	—
heating/Colder	Pdesignh	NA	NA	kW	heating/Colder	SCOP(C)	NA	NA	—

Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj					Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj				
Tj = 35 °C	Pdc	10.00	10.200	kW	Tj = 35 °C	EERd	3.23	3.25	—
Tj = 30 °C	Pdc	7.40	7.500	kW	Tj = 30 °C	EERd	4.58	4.61	—
Tj = 25 °C	Pdc	4.70	4.710	kW	Tj = 25 °C	EERd	7.00	7.02	—
Tj = 20 °C	Pdc	2.60	2.720	kW	Tj = 20 °C	EERd	12.00	12.40	—

Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj				
Tj = -7 °C	Pdh	7.04	7.400	kW	Tj = -7 °C	COPd	2.50	2.52	—
Tj = 2 °C	Pdh	4.32	4.330	kW	Tj = 2 °C	COPd	4.00	4.03	—
Tj = 7 °C	Pdh	2.80	2.830	kW	Tj = 7 °C	COPd	5.20	5.21	—
Tj = 12 °C	Pdh	2.10	2.430	kW	Tj = 12 °C	COPd	6.20	6.22	—
Tj = bivalent temperature	Pdh	7.04	7.400	kW	Tj = bivalent temperature	COPd	2.50	2.52	—
Tj = operating limit	Pdh	7.80	7.820	kW	Tj = operating limit	COPd	2.40	2.39	—

Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				
Tj = 2 °C	Pdh	8.00	8.050	kW	Tj = 2 °C	COPd	3.00	3.05	—
Tj = 7 °C	Pdh	5.12	5.140	kW	Tj = 7 °C	COPd	4.80	4.83	—
Tj = 12 °C	Pdh	2.30	2.690	kW	Tj = 12 °C	COPd	6.30	6.42	—
Tj = bivalent temperature	Pdh	8.00	8.050	kW	Tj = bivalent temperature	COPd	3.00	3.05	—
Tj = operating limit	Pdh	8.00	8.050	kW	Tj = operating limit	COPd	3.00	3.05	—

Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				
Tj = -7 °C	Pdh	NA	NA	kW	Tj = -7 °C	COPd	NA	NA	—
Tj = 2 °C	Pdh	NA	NA	kW	Tj = 2 °C	COPd	NA	NA	—
Tj = 7 °C	Pdh	NA	NA	kW	Tj = 7 °C	COPd	NA	NA	—
Tj = 12 °C	Pdh	NA	NA	kW	Tj = 12 °C	COPd	NA	NA	—
Tj = bivalent temperature	Pdh	NA	NA	kW	Tj = bivalent temperature	COPd	NA	NA	—
Tj = operating limit	Pdh	NA	NA	kW	Tj = operating limit	COPd	NA	NA	—
Tj = -15 °C	Pdh	NA	NA	kW	Tj = -15 °C	COPd	NA	NA	—

Bivalent temperature					Operating limit temperature				
heating/Average	Tbiv	-7	NA	°C	heating/Average	Tol	-10	NA	°C
heating/Warmer	Tbiv	2	NA	°C	heating/Warmer	Tol	2	NA	°C

heating/Colder	Tbiv	NA	NA	°C	heating/Colder	Tol	NA	NA	°C
<b>Power consumption of cycling</b>					<b>Efficiency of cycling</b>				
cooling	P <sub>cycc</sub>	NA	NA	kW	cooling	EER <sub>cycc</sub>	NA	NA	—
heating	P <sub>cyh</sub>	NA	NA	kW	heating	COP <sub>cyh</sub>	NA	NA	—
Degradation co-efficient cooling (**)	Cdc	0.25	NA	—	Degradation co-efficient heating (**)	Cdh	0.25	NA	—
<b>Electric power input in power modes other than 'active mode'</b>					<b>Seasonal electricity consumption</b>				
off mode	P <sub>OFF</sub>	0.008	0.008	kW	cooling	Q <sub>CE</sub>	565	552	kWh/a
standby mode	P <sub>SB</sub>	0.008	0.008	kW	heating/Average	Q <sub>HE</sub>	2800	2770	kWh/a
thermostat-off mode	P <sub>TO</sub>	0.001	0.001	kW	heating/Warmer	Q <sub>HE</sub>	2109	2118	kWh/a
crankcase heater mode	P <sub>CK</sub>	0.000	0.000	kW	heating/Colder	Q <sub>HE</sub>	NA	NA	kWh/a
<b>Capacity control (indicate one of three options)</b>					<b>Other items</b>				
fixed	N				Sound power level (indoor)	LWA	62	59.6	dB(A)
					Sound power level (outdoor)	LWA	69	67.8	dB(A)
staged	N				Global warming potential	GWP	675	0.709	kgCO <sub>2</sub> eq.
variable	Y				Rated air flow (indoor/outdoor)	—	—	—	m <sup>3</sup> /h
<b>TEST CONCLUSION: 测试结论</b>									
Are the SEER and SCOP TEST results Compliant or Non-Compliant? SEER/SCOP测试是否符合要求?							<b>Compliant</b>		

徐金宇



Tested by ( name + signature)

测试员 (姓名, 签名)

Approved by ( name + signature)

批准人 (姓名, 签名)