

# EU SEER/SCOP Test 欧盟SEER/SCOP测试

Version 1.0

Test Standard 测试标准:	<input type="checkbox"/> (EU) No 626/2011 <input checked="" type="checkbox"/> (EU) No 206/2012 <input checked="" type="checkbox"/> EN14825 <input checked="" type="checkbox"/> EN 14511 <input checked="" type="checkbox"/> EN12102 <input type="checkbox"/> Other: _____
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<b>GPA requirement: 产品审批要求:</b>	
GPA requirement for rated SEER GPA 的额定制冷季节能效比要求 (%) <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">&gt;=100%</div>	GPA requirement for rated SCOP GPA 的额定制热季节性系数要求 (%) <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">&gt;=100%</div>
GPA requirement for Sound Power GPA 的声功率要求 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">&lt;=Rated</div>	
<input checked="" type="checkbox"/> Inverter Single Split type 变频一拖一 分体机 <input type="checkbox"/> On/off Single Split type 定速一拖一 分体机 <input type="checkbox"/> Inverter Multisplit type 变频一拖多 分体机 <input type="checkbox"/> On/off Multisplit type 定速一拖多 分体机	

ERP Hisense Mode: 欧洲海信型号:	AUD105UX4REH8 & AUW105U6RN8	Manufacturer Model: 工厂型号:	AUD-36UX4REH8 & AUW-36U6RN8
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<b>Test Result:</b>	
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'.

<b>Cooling</b>		Y				Y			
<b>Heating</b>		Y				Y			
						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	7.00	7.04	—
heating/Average	Pdesignh	8.00	8.000	kW	heating/Average	SCOP(A)	4.40	4.41	—
heating/Warmer	Pdesignh	8.00	8.000	kW	heating/Warmer	SCOP(W)	5.31	5.38	—
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	10.311	kW	Tj = 35 °C	EERd	3.80	3.82	—
Tj = 30 °C	Pdc	7.40	7.454	kW	Tj = 30 °C	EERd	5.30	5.39	—
Tj = 25 °C	Pdc	4.70	4.786	kW	Tj = 25 °C	EERd	8.25	8.30	—
Tj = 20 °C	Pdc	2.10	2.350	kW	Tj = 20 °C	EERd	11.30	11.55	—

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	7.050	kW	Tj = -7 °C	COPd	2.70	2.75	—
Tj = 2 °C	Pdh	4.32	4.519	kW	Tj = 2 °C	COPd	4.40	4.40	—
Tj = 7 °C	Pdh	2.80	3.044	kW	Tj = 7 °C	COPd	5.70	5.71	—
Tj = 12 °C	Pdh	2.00	1.850	kW	Tj = 12 °C	COPd	7.00	7.02	—
Tj = bivalent temperature	Pdh	7.04	7.050	kW	Tj = bivalent temperature	COPd	2.70	2.75	—
Tj = operating limit	Pdh	6.00	6.020	kW	Tj = operating limit	COPd	2.40	2.32	—

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	8.015	kW	Tj = 2 °C	COPd	3.05	3.08	—
Tj = 7 °C	Pdh	5.12	5.270	kW	Tj = 7 °C	COPd	5.10	5.19	—
Tj = 12 °C	Pdh	2.32	2.469	kW	Tj = 12 °C	COPd	6.00	6.05	—
Tj = bivalent temperature	Pdh	8.00	8.015	kW	Tj = bivalent temperature	COPd	3.05	3.08	—
Tj = operating limit	Pdh	8.00	8.015	kW	Tj = operating limit	COPd	3.05	3.08	—

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	T <sub>biv</sub>	NA	NA	°C	heating/Colder	T <sub>ol</sub>	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 (**)	C <sub>dc</sub>	0.25	NA	—	Degradation co-efficient heating (**)	C <sub>dh</sub>	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>	0.009	0.009	kW	cooling	Q <sub>CE</sub>	500	497	kWh/a
standby mode	P <sub>SB</sub>	0.009	0.009	kW	heating/Average	Q <sub>HE</sub>	2545	2546	kWh/a
thermostat-off mode	P <sub>TO</sub>	0.001	0.001	kW	heating/Warmer	Q <sub>HE</sub>	2109	2082	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	59	58.8	dB(A)
					Sound power level (outdoor)	LWA	68	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)