

# 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  ENV 12102  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: AUD140UX4REH8 & AUW140U6RN8      Manufacturer Model: 工厂型号: AUD-48UX4REH8 & AUW-48U6RN8

**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'.

<b>Cooling</b>	Y	<b>Average (mandatory)</b>	Y
<b>Heating</b>	Y	<b>Warmer (if designated)</b>	Y
		<b>Colder (if designated)</b>	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	13.50	13.500	kW	cooling	SEER	6.07	6.11	—
heating/Average	Pdesignh	9.00	9.000	kW	heating/Average	SCOP(A)	4.27	4.28	—
heating/Warmer	Pdesignh	9.00	9.000	kW	heating/Warmer	SCOP(W)	5.35	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	13.50	13.502	kW	Tj = 35 °C	EERd	2.85	2.86	—
Tj = 30 °C	Pdc	9.99	9.998	kW	Tj = 30 °C	EERd	4.20	4.23	—
Tj = 25 °C	Pdc	6.35	6.454	kW	Tj = 25 °C	EERd	7.00	7.12	—
Tj = 20 °C	Pdc	3.50	3.520	kW	Tj = 20 °C	EERd	10.00	11.62	—

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	7.92	7.950	kW	Tj = -7 °C	COPd	3.00	3.15	—
Tj = 2 °C	Pdh	4.86	4.955	kW	Tj = 2 °C	COPd	4.25	4.26	—
Tj = 7 °C	Pdh	3.15	3.250	kW	Tj = 7 °C	COPd	5.25	5.25	—
Tj = 12 °C	Pdh	2.50	2.510	kW	Tj = 12 °C	COPd	5.80	6.15	—
Tj = bivalent temperature	Pdh	7.92	7.950	kW	Tj = bivalent temperature	COPd	3.00	3.15	—
Tj = operating limit	Pdh	8.20	8.210	kW	Tj = operating limit	COPd	2.70	2.71	—

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	9.00	9.010	kW	Tj = 2 °C	COPd	3.15	3.18	—
Tj = 7 °C	Pdh	5.76	5.795	kW	Tj = 7 °C	COPd	5.20	5.23	—
Tj = 12 °C	Pdh	2.61	2.750	kW	Tj = 12 °C	COPd	5.95	6.05	—
Tj = bivalent temperature	Pdh	9.00	9.010	kW	Tj = bivalent temperature	COPd	3.15	3.18	—
Tj = operating limit	Pdh	9.00	9.010	kW	Tj = operating limit	COPd	3.15	3.18	—

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	Pcyc	NA	NA	kW	cooling	EERcyc	NA	NA	—
heating	Pych	NA	NA	kW	heating	COPcyc	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>	0.009	0.009	kW	cooling	Q <sub>CE</sub>	778	773	kWh/a
standby mode	P <sub>SB</sub>	0.009	0.009	kW	heating/Average	Q <sub>HE</sub>	2951	2943	kWh/a
thermostat-off mode	P <sub>TO</sub>	0.001	0.001	kW	heating/Warmer	Q <sub>HE</sub>	2355	2328	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	64	63.6	dB(A)
					Sound power level (outdoor)	LWA	70	68.9	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)