

EU SEER/SCOP Test 欧盟SEER/SCOP测试

Version 1.0

Test Standard 测试标准:	<input checked="" 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"/> ENV 12102	<input type="checkbox"/> Other _____
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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
<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:	AUD140UX4REH8 & AUW140U6RW8	Manufacturer Model: 工厂型号:	AUD-48UX4REH8 & AUW-48U6RW8
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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				Y			
Heating		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	13.50	13.500	kW	cooling	SEER	7.00	7.06	—
heating/Average	Pdesignh	9.00	9.000	kW	heating/Average	SCOP(A)	4.50	4.53	—
heating/Warmer	Pdesignh	9.00	9.000	kW	heating/Warmer	SCOP(W)	5.40	5.46	—
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	13.600	kW	Tj = 35 °C	EERd	3.51	3.53	—
Tj = 30 °C	Pdc	9.99	10.060	kW	Tj = 30 °C	EERd	5.25	5.29	—
Tj = 25 °C	Pdc	6.35	6.390	kW	Tj = 25 °C	EERd	7.70	7.75	—
Tj = 20 °C	Pdc	2.90	2.950	kW	Tj = 20 °C	EERd	12.10	12.25	—

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	7.990	kW	Tj = -7 °C	COPd	3.20	3.25	—
Tj = 2 °C	Pdh	4.86	4.890	kW	Tj = 2 °C	COPd	4.36	4.39	—
Tj = 7 °C	Pdh	3.15	3.200	kW	Tj = 7 °C	COPd	5.66	5.68	—
Tj = 12 °C	Pdh	2.60	2.700	kW	Tj = 12 °C	COPd	6.75	6.88	—
Tj = bivalent temperature	Pdh	7.92	7.990	kW	Tj = bivalent temperature	COPd	3.20	3.25	—
Tj = operating limit	Pdh	8.60	8.680	kW	Tj = operating limit	COPd	2.40	2.48	—

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	9.100	kW	Tj = 2 °C	COPd	2.80	2.85	—
Tj = 7 °C	Pdh	5.76	5.820	kW	Tj = 7 °C	COPd	4.76	4.81	—
Tj = 12 °C	Pdh	2.75	2.790	kW	Tj = 12 °C	COPd	6.70	6.79	—
Tj = bivalent temperature	Pdh	9.00	9.100	kW	Tj = bivalent temperature	COPd	2.80	2.85	—
Tj = operating limit	Pdh	9.00	9.100	kW	Tj = operating limit	COPd	2.80	2.85	—

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
Power consumption of cycling					Efficiency of cycling				
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	—
Electric power input in power modes other than 'active mode'					Seasonal electricity consumption				
off mode	P _{OFF}	0.011	0.011	kW	cooling	Q _{CE}	675	669	kWh/a
standby mode	P _{SB}	0.011	0.011	kW	heating/Average	Q _{HE}	2803	2779	kWh/a
thermostat-off mode	P _{TO}	0.001	0.001	kW	heating/Warmer	Q _{HE}	2337	2309	kWh/a
crankcase heater mode	P _{CK}	0.000	0.000	kW	heating/Colder	Q _{HE}	NA	NA	kWh/a
Capacity control (indicate one of three options)					Other items				
fixed	N				Sound power level (indoor)	LWA	64	63.2	dB(A)
					Sound power level (outdoor)	LWA	74	72.5	dB(A)
staged	N				Global warming potential	GWP	675	0.709	kgCO ₂ eq.
variable	Y				Rated air flow (indoor/outdoor)	—	—	—	m ³ /h
TEST CONCLUSION: 测试结论									
Are the SEER and SCOP TEST results Compliant or Non-Compliant? SEER/SCOP测试是否符合要求?							Compliant		

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)