

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 的额定制热季节性能系数要求 (%)	>=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:	AUV125UR4RC8 & AUW125U4RW8	Manufacturer Model: 工厂型号:	AUV-42UR4RC8 & AUW-42U4RW8
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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	12.10	12.100	kW	cooling	SEER	6.50	6.55	—
heating/Average	Pdesignh	9.00	9.000	kW	heating/Average	SCOP(A)	4.40	4.42	—
heating/Warmer	Pdesignh	9.00	9.000	kW	heating/Warmer	SCOP(W)	5.40	5.43	—
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	12.10	12.110	kW	Tj = 35 °C	EERd	3.61	3.63	—
Tj = 30 °C	Pdc	8.95	8.990	kW	Tj = 30 °C	EERd	5.20	5.25	—
Tj = 25 °C	Pdc	5.69	5.730	kW	Tj = 25 °C	EERd	6.93	6.98	—
Tj = 20 °C	Pdc	2.54	2.550	kW	Tj = 20 °C	EERd	10.00	10.12	—

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	3.02	3.03	—
Tj = 2 °C	Pdh	4.86	4.890	kW	Tj = 2 °C	COPd	4.37	4.39	—
Tj = 7 °C	Pdh	3.15	3.200	kW	Tj = 7 °C	COPd	5.45	5.48	—
Tj = 12 °C	Pdh	2.60	2.650	kW	Tj = 12 °C	COPd	6.40	6.42	—
Tj = bivalent temperature	Pdh	7.92	7.950	kW	Tj = bivalent temperature	COPd	3.02	3.03	—
Tj = operating limit	Pdh	8.50	8.610	kW	Tj = operating limit	COPd	2.50	2.55	—

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	9.050	kW	Tj = 2 °C	COPd	2.90	2.93	—
Tj = 7 °C	Pdh	5.76	5.780	kW	Tj = 7 °C	COPd	5.05	5.08	—
Tj = 12 °C	Pdh	2.80	2.820	kW	Tj = 12 °C	COPd	6.30	6.32	—
Tj = bivalent temperature	Pdh	9.00	9.050	kW	Tj = bivalent temperature	COPd	2.90	2.93	—
Tj = operating limit	Pdh	9.00	9.050	kW	Tj = operating limit	COPd	2.90	2.93	—

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 _{biv}	NA	NA	°C	heating/Colder	T _{ol}	NA	NA	°C
Power consumption of cycling					Efficiency of cycling				
cooling	P _{cyc}	NA	NA	kW	cooling	EER _{cyc}	NA	NA	—
heating	P _{ych}	NA	NA	kW	heating	COP _{cyc}	NA	NA	—
Degradation co-efficient cooling (**)	C _{dc}	0.25	NA	—	Degradation co-efficient heating (**)	C _{dh}	0.25	NA	—
Electric power input in power modes other than 'active mode'					Seasonal electricity consumption				
off mode	P _{OFF}	0.008	0.008	kW	cooling	Q _{CE}	652	646	kWh/a
standby mode	P _{SB}	0.008	0.008	kW	heating/Average	Q _{HE}	2863	2850	kWh/a
thermostat-off mode	P _{TO}	0.001	0.001	kW	heating/Warmer	Q _{HE}	2334	2322	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	71	70.6	dB(A)
					Sound power level (outdoor)	LWA	73	71.6	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)