

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:	AKT52UR4RK8&AUW52U4RS7	Manufacturer Model: 工厂型号:	内机: AKT-18UR4RK8 外机: AUW-18U4RS7
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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	4.90	4.900	kW	cooling	SEER	6.50	6.93	—
heating/Average	Pdesignh	3.50	4.000	kW	heating/Average	SCOP(A)	4.20	4.37	—
heating/Warmer	Pdesignh	3.50	4.000	kW	heating/Warmer	SCOP(W)	5.40	5.64	—
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	4.90	4.950	kW	Tj = 35 °C	EERd	3.31	3.54	—
Tj = 30 °C	Pdc	3.63	3.765	kW	Tj = 30 °C	EERd	4.80	5.10	—
Tj = 25 °C	Pdc	2.30	2.428	kW	Tj = 25 °C	EERd	7.70	8.10	—
Tj = 20 °C	Pdc	1.25	1.375	kW	Tj = 20 °C	EERd	13.10	14.25	—

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	3.08	3.234	kW	Tj = -7 °C	COPd	2.70	2.90	—
Tj = 2 °C	Pdh	1.89	1.998	kW	Tj = 2 °C	COPd	4.30	4.52	—
Tj = 7 °C	Pdh	1.23	1.268	kW	Tj = 7 °C	COPd	5.40	5.54	—
Tj = 12 °C	Pdh	0.78	0.810	kW	Tj = 12 °C	COPd	5.60	5.89	—
Tj = bivalent temperature	Pdh	3.08	3.234	kW	Tj = bivalent temperature	COPd	2.70	2.90	—
Tj = operating limit	Pdh	2.57	2.627	kW	Tj = operating limit	COPd	2.10	2.20	—

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	3.50	3.623	kW	Tj = 2 °C	COPd	3.20	3.32	—
Tj = 7 °C	Pdh	2.24	2.365	kW	Tj = 7 °C	COPd	5.10	5.40	—
Tj = 12 °C	Pdh	1.02	1.063	kW	Tj = 12 °C	COPd	6.20	6.40	—
Tj = bivalent temperature	Pdh	3.50	3.623	kW	Tj = bivalent temperature	COPd	3.20	3.32	—
Tj = operating limit	Pdh	3.50	3.623	kW	Tj = operating limit	COPd	3.20	3.32	—

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 _{cycc}	NA	NA	kW	cooling	EER _{cycc}	NA	NA	—
heating	P _{cyh}	NA	NA	kW	heating	COP _{cyh}	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}	0.007	0.007	kW	cooling	Q _{CE}	264	264	kWh/a
standby mode	P _{SB}	0.007	0.007	kW	heating/Average	Q _{HE}	1195	1195	kWh/a
thermostat-off mode	P _{TO}	0.008	0.008	kW	heating/Warmer	Q _{HE}	907	907	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	59	58.4	dB(A)
					Sound power level (outdoor)	LWA	63	62.1	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)