

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 的额定制热季节性能系数要求 (%) >=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+AUW52U4RJ8

Manufacturer Model:
工厂型号:

AKT-18UR4RK8+AUW-18U4RJ8

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'.

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	4.930	kW	cooling	SEER	7.00	7.03	—
heating/Average	Pdesignh	3.50	3.510	kW	heating/Average	SCOP(A)	4.40	4.43	—
heating/Warmer	Pdesignh	3.50	3.510	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	4.90	4.930	kW	Tj = 35 °C	EERd	3.75	3.76	—
Tj = 30 °C	Pdc	3.63	3.660	kW	Tj = 30 °C	EERd	5.85	5.88	—
Tj = 25 °C	Pdc	2.30	2.320	kW	Tj = 25 °C	EERd	8.85	8.90	—
Tj = 20 °C	Pdc	1.10	1.120	kW	Tj = 20 °C	EERd	9.80	9.83	—

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	3.100	kW	Tj = -7 °C	COPd	2.85	2.87	—
Tj = 2 °C	Pdh	1.89	1.960	kW	Tj = 2 °C	COPd	4.55	4.58	—
Tj = 7 °C	Pdh	1.23	1.280	kW	Tj = 7 °C	COPd	5.25	5.32	—
Tj = 12 °C	Pdh	1.20	1.210	kW	Tj = 12 °C	COPd	6.50	6.56	—
Tj = bivalent temperature	Pdh	3.08	3.100	kW	Tj = bivalent temperature	COPd	2.85	2.87	—
Tj = operating limit	Pdh	3.50	3.510	kW	Tj = operating limit	COPd	2.20	2.22	—

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	3.510	kW	Tj = 2 °C	COPd	3.10	3.15	—
Tj = 7 °C	Pdh	2.24	2.270	kW	Tj = 7 °C	COPd	5.00	5.03	—
Tj = 12 °C	Pdh	1.02	1.030	kW	Tj = 12 °C	COPd	6.23	6.33	—
Tj = bivalent temperature	Pdh	3.50	3.510	kW	Tj = bivalent temperature	COPd	3.10	3.15	—
Tj = operating limit	Pdh	3.50	3.510	kW	Tj = operating limit	COPd	3.10	3.15	—

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	ToI	-10	NA	°C
heating/Warmer	Tbiv	2	NA	°C	heating/Warmer	ToI	2	NA	°C

heating/Colder	Tbiv	NA	NA	°C	heating/Colder	Tol	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 (**)	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}	0.007	0.007	kW	cooling	Q _{CE}	245	244	kWh/a
standby mode	P _{SB}	0.007	0.007	kW	heating/Average	Q _{HE}	1114	1105	kWh/a
thermostat-off mode	P _{TO}	0.001	0.001	kW	heating/Warmer	Q _{HE}	933	905	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	64	63.4	dB(A)
staged		N			Global warming potential	GWP	675	0.81	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)