

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 EN12102 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: | ACT52UR4RCC8&AUW52U4RS7 | Manufacturer Model: 工厂型号: | 内机: ACT-18UR4RCC8 外机: AUW-18U4RS7 |
|------------------------------|-------------------------|------------------------------|--------------------------------------|

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 |
|------|--------|-------------|--------------|------|------|--------|-------------|--------------|------|
|------|--------|-------------|--------------|------|------|--------|-------------|--------------|------|

| Design load | | | | | Seasonal efficiency | | | | |
|-----------------|----------|------|-------|----|---------------------|---------|------|------|---|
| cooling | Pdesignc | 5.00 | 5.000 | kW | cooling | SEER | 6.40 | 6.64 | — |
| heating/Average | Pdesignh | 4.00 | 4.000 | kW | heating/Average | SCOP(A) | 4.10 | 4.18 | — |
| heating/Warmer | Pdesignh | 4.00 | 4.000 | 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 | 5.00 | 5.013 | kW | Tj = 35 °C | EERd | 3.40 | 3.42 | — |
| Tj = 30 °C | Pdc | 3.70 | 3.847 | kW | Tj = 30 °C | EERd | 4.90 | 5.00 | — |
| Tj = 25 °C | Pdc | 2.35 | 2.430 | kW | Tj = 25 °C | EERd | 7.90 | 8.10 | — |
| Tj = 20 °C | Pdc | 1.60 | 1.755 | kW | Tj = 20 °C | EERd | 11.80 | 12.82 | — |

| 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 | 3.52 | 3.603 | kW | Tj = -7 °C | COPd | 2.85 | 2.91 | — |
| Tj = 2 °C | Pdh | 2.16 | 2.230 | kW | Tj = 2 °C | COPd | 3.85 | 3.93 | — |
| Tj = 7 °C | Pdh | 1.40 | 1.440 | kW | Tj = 7 °C | COPd | 5.50 | 5.56 | — |
| Tj = 12 °C | Pdh | 1.32 | 1.401 | kW | Tj = 12 °C | COPd | 6.80 | 6.94 | — |
| Tj = bivalent temperature | Pdh | 3.52 | 3.603 | kW | Tj = bivalent temperature | COPd | 2.85 | 2.91 | — |
| Tj = operating limit | Pdh | 3.33 | 3.401 | kW | Tj = operating limit | COPd | 2.62 | 2.89 | — |

| 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 | 4.00 | 4.120 | kW | Tj = 2 °C | COPd | 3.00 | 3.02 | — |
| Tj = 7 °C | Pdh | 2.56 | 2.599 | kW | Tj = 7 °C | COPd | 5.10 | 5.12 | — |
| Tj = 12 °C | Pdh | 1.16 | 1.200 | kW | Tj = 12 °C | COPd | 6.25 | 6.30 | — |
| Tj = bivalent temperature | Pdh | 4.00 | 4.120 | kW | Tj = bivalent temperature | COPd | 3.00 | 3.02 | — |
| Tj = operating limit | Pdh | 4.00 | 4.120 | kW | Tj = operating limit | COPd | 3.00 | 3.02 | — |

| 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} | 0.008 | 0.008 | kW | cooling | Q _{CE} | 273 | 205 | kWh/a |
| standby mode | P _{SB} | 0.008 | 0.008 | kW | heating/Average | Q _{HE} | 1366 | 1302 | kWh/a |
| thermostat-off mode | P _{TO} | 0.008 | 0.008 | kW | heating/Warmer | Q _{HE} | 1037 | 1037 | 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 | 57 | 56.9 | dB(A) |
| | | | | | Sound power level (outdoor) | LWA | 63 | 62.5 | 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)