# Appendix

## COMMISSION DELEGATED REGULATION (EU) No 626/2011[i)]

PRODUCT FICHE (ENERGY LABELLING OF AIR CONDITIONERS)[ii)]

| A | Supplier's name | - | Samsung Electronics Co,, Ltd, | | | | | |
|---|---|---|---|---|---|---|---|---|
| B | Model name (Indoor/Outdoor) | - | AC100RN4DKG/ AC100RXADKG | AC100RN4DKG/ AC100RXADNG | AC100RN4PKG/ AC100RXADKG | AC100RN4PKG/ AC100RXADNG | AC100RNMDKG/ AC100RXADKG | AC100RNMDKG/ AC100RXADNG |
| C | Sound Power Level (Indoor/Outdoor) | dB(A) | 61 / 69 | 61 / 69 | 61 / 69 | 61 / 69 | 58 / 69 | 58 / 69 |
| D | Refrigerant name[1)] | - | R-32 | R-32 | R-32 | R-32 | R-32 | R-32 |
| E | GWP | - | 675 | 675 | 675 | 675 | 675 | 675 |
| F | SEER | - | 7,0 | 7,0 | 6,8 | 6,8 | 5,9 | 5,9 |
| G | Energy efficiency class (SEER) | - | A++ | A++ | A++ | A++ | A+ | A+ |
| H | $Q_{CE}$[2)] (cooling season) | kWh/a[iii)] | 500 | 500 | 515 | 515 | 593 | 593 |
| I | Pdesignc | kW | 10,0 | 10,0 | 10,0 | 10,0 | 10,0 | 10,0 |
| J | SCOP (Average) | - | 4,3 | 4,3 | 4,3 | 4,3 | 4,0 | 4,0 |
| K | Energy efficiency class SCOP (Average) | - | A+ | A+ | A+ | A+ | A+ | A+ |
| L | $Q_{HE}$[3)] heating season (Average) | kWh/a[iii)] | 1726 | 1726 | 1726 | 1726 | 1820 | 1820 |
| M | Pdesignh (Average) | kW | 5,3 | 5,3 | 5,3 | 5,3 | 5,2 | 5,2 |
| N | Back up heating capacity(Average) | kW | 0 | 0 | 0 | 0 | 0 | 0 |
| O | Declared capacity (Average) | kW | 5,3 | 5,3 | 5,3 | 5,3 | 5,2 | 5,2 |
| P | Other heating seasons suitable for use | - | [iv)] | | | | | |
| Q | SCOP (Warmer) | - | - | - | - | - | - | - |
| R | Energy efficiency class SCOP (Warmer) | - | - | - | - | - | - | - |
| S | $Q_{HE}$[3)] heating season (Warmer) | kWh/a[iii)] | - | - | - | - | - | - |
| T | Pdesignh (Warmer) | kW | - | - | - | - | - | - |
| U | Back up heating capacity (Warmer) | kW | - | - | - | - | - | - |
| V | Declared capacity (Warmer) | kW | - | - | - | - | - | - |
| W | SCOP (Colder) | - | - | - | - | - | - | - |
| X | Energy efficiency class SCOP (Colder) | - | - | - | - | - | - | - |
| Y | $Q_{HE}$[3)] heating season (Colder) | kWh/a[iii)] | - | - | - | - | - | - |
| Z | Pdesignh (Colder) | kW | - | - | - | - | - | - |
| AA | Back up heating capacity (Colder) | kW | - | - | - | - | - | - |
| AB | Declared capacity (Colder) | kW | - | - | - | - | - | - |

**1** Refrigerant leakage contributes to climate change, Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere,

This appliance contains a refrigerant fluid with a GWP equal to [675], This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [675] times higher than 1 kg of $CO_2$ , over a period of 100 years,

Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional,

**2** Energy consumption “XYZ” kWh per year, based on standard test results,

Actual energy consumption will depend on how the appliance is used and where it is located,

**3** Energy consumption “XYZ” kWh per year, based on standard test results, Actual energy consumption will depend on how the appliance is used and where it is located,

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|---|---|---|---|---|---|---|
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| C | Sound Power Level (Indoor/Outdoor) | dB(A) | 60 / 69 | 60 / 69 | 65 / 69 | 65 / 69 |
| D | Refrigerant name[1)] | - | R-32 | R-32 | R-32 | R-32 |
| E | GWP | - | 675 | 675 | 675 | 675 |
| F | SEER | - | 6,1 | 6,1 | 5,9 | 5,9 |
| G | Energy efficiency class (SEER) | - | A++ | A++ | A+ | A+ |
| H | $Q_{CE}$[2)] (cooling season) | kWh/a[iii)] | 574 | 574 | 564 | 564 |
| I | Pdesignc | kW | 10,0 | 10,0 | 9,5 | 9,5 |
| J | SCOP (Average) | - | 4,0 | 4,0 | 4,0 | 4,0 |
| K | Energy efficiency class SCOP (Average) | - | A+ | A+ | A+ | A+ |
| L | $Q_{HE}$[3)] heating season (Average) | kWh/a[iii)] | 1820 | 1820 | 1960 | 1960 |
| M | Pdesignh (Average) | kW | 5,2 | 5,2 | 5,6 | 5,6 |
| N | Back up heating capacity(Average) | kW | 0 | 0 | 0 | 0 |
| O | Declared capacity (Average) | kW | 5,2 | 5,2 | 5,6 | 5,6 |
| P | Other heating seasons suitable for use | - | [-iv)] | | | |
| Q | SCOP (Warmer) | - | - | - | - | - |
| R | Energy efficiency class SCOP (Warmer) | - | - | - | - | - |
| S | $Q_{HE}$[3)] heating season (Warmer) | kWh/a[iii)] | - | - | - | - |
| T | Pdesignh (Warmer) | kW | - | - | - | - |
| U | Back up heating capacity (Warmer) | kW | - | - | - | - |
| V | Declared capacity (Warmer) | kW | - | - | - | - |
| W | SCOP (Colder) | - | - | - | - | - |
| X | Energy efficiency class SCOP (Colder) | - | - | - | - | - |
| Y | $Q_{HE}$[3)] heating season (Colder) | kWh/a[iii)] | - | - | - | - |
| Z | Pdesignh (Colder) | kW | - | - | - | - |
| AA | Back up heating capacity (Colder) | kW | - | - | - | - |
| AB | Declared capacity (Colder) | kW | - | - | - | - |

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