

**COMMISSION DELEGATED REGULATION (EU) No 626/2011<sup>i)</sup>**  
**PRODUCT FICHE (ENERGY LABELLING OF AIR CONDITIONERS)<sup>ii)</sup>**

A	Supplier's name	-	Samsung Electronics Co., Ltd.	Samsung Electronics Co., Ltd.	Samsung Electronics Co., Ltd.
B	Model name (Indoor/Outdoor)	-	AR09TXCAAWKN/ AR09TXCAAWKX	AR12TXCAAWKN/ AR12TXCAAWKX	AR09TXEAAWKN/ AR09TXEAAWKX
C	Sound Power Level (Inside/Outside)	dB(A)	56,0/59,0	58,0/62,0	57,0/62,0
D	Refrigerant name <sup>1)</sup>	-	R-32	R-32	R-32
E	GWP	-	675	675	675
F	SEER	-	8,8	8,5	7,9
G	Energy efficiency class (SEER)	-	A+++	A+++	A++
H	Q <sub>CE</sub> <sup>2)</sup> (cooling season)	kWh/a <sup>iii)</sup>	99	144	111
I	P <sub>designc</sub>	kW	2,5	3,5	2,5
J	SCOP (Average)	-	5,1	5,1	4,6
K	Energy efficiency class SCOP (Average)	-	A+++	A+++	A++
L	Q <sub>HE</sub> <sup>3)</sup> heating season (Average)	kWh/a <sup>iii)</sup>	631	659	670
M	P <sub>designh</sub> (Average)	kW	2,3	2,4	2,2
N	Back up heating capacity (Average)	kW	-	-	-
O	Declared capacity (Average)	kW	2,3	2,4	2,2
P	Other heating seasons suitable for use	-	Warmer	Warmer	Warmer
Q	SCOP (Warmer)	-	5,5	5,7	5,2
R	Energy efficiency class SCOP (Warmer)	-	A+++	A+++	A+++
S	Q <sub>HE</sub> <sup>3)</sup> heating season (Warmer)	kWh/a <sup>iii)</sup>	331	319	323
T	P <sub>designh</sub> (Warmer)	kW	1,3	1,3	1,2
U	Back up heating capacity (Warmer)	kW	-	-	-
V	Declared capacity (Warmer)	kW	1,3	1,3	1,2
W	SCOP (Colder)	-	-	-	-
X	Energy efficiency class SCOP (Colder)	-	-	-	-
Y	Q <sub>HE</sub> <sup>3)</sup> heating season (Colder)	kWh/a <sup>iii)</sup>	-	-	-
Z	P <sub>designh</sub> (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<sub>2</sub>, 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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B	Model name (Indoor/Outdoor)	-	AR12TXEAAWKN/ AR12TXEAAWKX	AR09TXFYAWKN/ AR09TXFYAWKX	AR12TXFYAWKN/ AR12TXFYAWKX
C	Sound Power Level (Inside/Outside)	dB(A)	57,0/62,0	54,0/63,0	56,0/64,0
D	Refrigerant name <sup>1)</sup>	-	R-32	R-32	R-32
E	GWP	-	675	675	675
F	SEER	-	7,3	6,7	6,5
G	Energy efficiency class (SEER)	-	A++	A++	A++
H	Q <sub>CE</sub> <sup>2)</sup> (cooling season)	kWh/a <sup>iii)</sup>	168	131	188
I	Pdesignc	kW	3,5	2,5	3,5
J	SCOP (Average)	-	4,6	4,0	4,0
K	Energy efficiency class SCOP (Average)	-	A++	A+	A+
L	Q <sub>HE</sub> <sup>3)</sup> heating season (Average)	kWh/a <sup>iii)</sup>	730	735	770
M	Pdesignh (Average)	kW	2,4	2,1	2,2
N	Back up heating capacity (Average)	kW	-	-	-
O	Declared capacity(Average)	kW	2,4	2,1	2,2
P	Other heating seasons suitable for use	-	Warmer	Warmer	Warmer
Q	SCOP (Warmer)	-	5,3	4,6	4,7
R	Energy efficiency class SCOP (Warmer)	-	A+++	A++	A++
S	Q <sub>HE</sub> <sup>3)</sup> heating season (Warmer)	kWh/a <sup>iii)</sup>	343	335	357
T	Pdesignh (Warmer)	kW	1,3	1,1	1,2
U	Back up heating capacity (Warmer)	kW	-	-	-
V	Declared capacity (Warmer)	kW	1,3	1,1	1,2
W	SCOP (Colder)	-	-	-	-
X	Energy efficiency class SCOP (Colder)	-	-	-	-
Y	Q <sub>HE</sub> <sup>3)</sup> heating season (Colder)	kWh/a <sup>iii)</sup>	-	-	-
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<sub>2</sub>, 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.
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C	Sound Power Level (Inside/Outside)	dB(A)	54,0/63,0	56,0/64,0
D	Refrigerant name <sup>1)</sup>	-	R-32	R-32
E	GWP	-	675	675
F	SEER	-	6,7	6,5
G	Energy efficiency class (SEER)	-	A++	A++
H	Q <sub>CE</sub> <sup>2)</sup> (cooling season)	kWh/a <sup>iii)</sup>	131	188
I	Pdesignc	kW	2,5	3,5
J	SCOP (Average)	-	4,0	4,0
K	Energy efficiency class SCOP (Average)	-	A+	A+
L	Q <sub>HE</sub> <sup>3)</sup> heating season (Average)	kWh/a <sup>iii)</sup>	735	770
M	Pdesignh (Average)	kW	2,1	2,2
N	Back up heating capacity (Average)	kW	-	-
O	Declared capacity (Average)	kW	2,1	2,2
P	Other heating seasons suitable for use	-	Warmer	Warmer
Q	SCOP (Warmer)	-	4,6	4,7
R	Energy efficiency class SCOP (Warmer)	-	A++	A++
S	Q <sub>HE</sub> <sup>3)</sup> heating season (Warmer)	kWh/a <sup>iii)</sup>	335	357
T	Pdesignh (Warmer)	kW	1,1	1,2
U	Back up heating capacity (Warmer)	kW	-	-
V	Declared capacity (Warmer)	kW	1,1	1,2
W	SCOP (Colder)	-	-	-
X	Energy efficiency class SCOP (Colder)	-	-	-
Y	Q <sub>HE</sub> <sup>3)</sup> heating season (Colder)	kWh/a <sup>iii)</sup>	-	-
Z	Pdesignh (Colder)	kW	-	-
AA	Back up heating capacity (Colder)	-	-	-
AB	Declared capacity (Colder)	kW	-	-

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- 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.
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