

PRODUCT FICHE (ENERGY LABELLING OF AIR CONDITIONERS) ⁱⁱ⁾

A	Supplier's name	-	Samsung Electronics Co., Ltd.
B	Model name (Indoor/Outdoor)	-	AR09TXEAAWKNx2/AJ040TXJ2KG
C	Sound Power Level (Inside/Outside)	dB(A)	56/60
D	Refrigerant name ¹⁾	-	R-32
E	GWP	-	675
F	SEER	-	8,5
G	Energy efficiency class (SEER)	-	A+++
H	Q _{CE} ²⁾ (cooling season)	kWh/a ⁱⁱⁱ⁾	164
I	P _{designc}	kW	4,0
J	SCOP (Average)	-	4,6
K	Energy efficiency class SCOP (Average)	-	A++
L	Q _{HE} ³⁾ heating season (Average)	kWh/a ⁱⁱⁱ⁾	922
M	P _{designh} (Average)	kW	3,1
N	Back up heating capacity (Average)	kW	0,1
O	Declared capacity(Average)	kW	3,0
P	Other heating seasons suitable for use	-	-
Q	SCOP (Warmer)	-	-
R	Energy efficiency class SCOP (Warmer)	-	-
S	Q _{HE} ³⁾ heating season (Warmer)	kWh/a ⁱⁱⁱ⁾	-
T	P _{designh} (Warmer)	kW	-
U	Back up heatingcapacity (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	P _{designh} (Colder)	kW	-
AA	Back up heating capacity (Colder)	-	-
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 CO₂, 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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