

PRODUCT FICHE (ENERGY LABELLING OF AIR CONDITIONERS) ⁱⁱ⁾

A	Supplier's name	-	Samsung Electronics Co., Ltd.
B	Model name (Indoor/Outdoor)	-	AR18MSFHBWKN / AR18MSFHBWKX
C	Sound Power Level (Inside/Outside)	dB(A)	58 / 65
D	Refrigerant name ¹⁾	-	R-410A
E	GWP	-	2088
F	SEER		6,1
G	Energy efficiency class (SEER)	-	A++
H	Q _{CE} ²⁾ (cooling season)	kWh/a ⁱⁱⁱ⁾	287
I	P _{designc}	kW	5,0
J	SCOP (Average)	-	3,8
K	Energy efficiency class SCOP (Average)	-	A
L	Q _{HE} ³⁾ heating season (Average)	kWh/a ⁱⁱⁱ⁾	1400
M	P _{designh} (Average)	kW	3,8
N	Back up heating capacity (Average)	kW	-
O	Declared capacity(Average)	kW	3,8
P	Other heating seasons suitable for use	-	Warmer ^{iv)}
Q	SCOP (Warmer)		4,2
R	Energy efficiency class SCOP (Warmer)	-	A+
S	Q _{HE} ³⁾ heating season (Warmer)	kWh/a ⁱⁱⁱ⁾	700
T	P _{designh} (Warmer)	kW	2,1
U	Back up heatingcapacity (Warmer)	kW	-
V	Declared capacity (Warmer)	kW	2,1
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 [2088].

This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [2088] 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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