

According to Commission Regulation (EU) No 206/2012

Function (indicate if present)				If function includes heating: Indicate the heating season the informaiont relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'			
cooling		Y		Average		Y	
heating		Y		Warmer (if designated)		N	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	P _{designc}	5,0	kW	cooling	SEER	6,7	-
heating/Average	P _{designh}	4,5	kW	heating/Average	SCOP/A	3,8	-
heating/Warmer	P _{designh}	-	kW	heating/Warmer	SCOP/W	-	-
heating/Colder	P _{designh}	-	kW	heating/Colder	SCOP/C	-	-
Declared capacity(*) for cooling, at indoor temperature 27(19) °C and outdoor temperature T _j				Declared energy efficiency ratio(*), at indoor temperature 27(19) °C and outdoor temperature T _j			
Item	symbol	value	unit	Item	symbol	value	unit
T _j = 35 °C	P _{dc}	5,0	kW	T _j = 35 °C	EER _d	3,0	-
T _j = 30 °C	P _{dc}	3,7	kW	T _j = 30 °C	EER _d	4,9	-
T _j = 25 °C	P _{dc}	2,4	kW	T _j = 25 °C	EER _d	7,9	-
T _j = 20 °C	P _{dc}	1,8	kW	T _j = 20 °C	EER _d	14,2	-
Declared capacity(*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance(*)/Average season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	4,1	kW	T _j = -7 °C	COP _d	2,7	-
T _j = 2 °C	P _{dh}	2,6	kW	T _j = 2 °C	COP _d	3,8	-
T _j = 7 °C	P _{dh}	1,6	kW	T _j = 7 °C	COP _d	4,6	-
T _j = 12 °C	P _{dh}	1,2	kW	T _j = 12 °C	COP _d	5,2	-
T _j = bivalent temperature	P _{dh}	4,5	kW	T _j = bivalent temperature	COP _d	2,3	-
T _j = operating limit	P _{dh}		kW	T _j = operating limit	COP _d	2,3	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = 2 °C	P _{dh}	-	kW	T _j = 2 °C	COP _d	-	-
T _j = 7 °C	P _{dh}	-	kW	T _j = 7 °C	COP _d	-	-
T _j = 12 °C	P _{dh}	-	kW	T _j = 12 °C	COP _d	-	-
T _j = bivalent temperature	P _{dh}	-	kW	T _j = bivalent temperature	COP _d	-	-
T _j = operating limit	P _{dh}	-	kW	T _j = operating limit	COP _d	-	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance(*)/Colder season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = -7 °C	P _{dh}	-	kW	T _j = -7 °C	COP _d	-	-
T _j = 2 °C	P _{dh}	-	kW	T _j = 2 °C	COP _d	-	-
T _j = 7 °C	P _{dh}	-	kW	T _j = 7 °C	COP _d	-	-
T _j = 12 °C	P _{dh}	-	kW	T _j = 12 °C	COP _d	-	-
T _j = bivalent temperature	P _{dh}	-	kW	T _j = bivalent temperature	COP _d	-	-
T _j = operating limit	P _{dh}	-	kW	T _j = operating limit	COP _d	-	-
T _j = -15 °C	P _{dh}	-	kW	T _j = -15 °C	COP _d	-	-
Bivalent temperature				Operating limit temperature			
heating/Average	T _{biv}	-10	°C	heating/Average	T _{ol}	-10	°C
heating/Warmer	T _{biv}	-	°C	heating/Warmer	T _{ol}	-	°C
heating/Colder	T _{biv}	-	°C	heating/Colder	T _{ol}	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	P _{cycc}	-	kW	for cooling	EER _{cyc}	-	-
for heating	P _{cyh}	-	kW	for heating	COP _{cyc}	-	-
Degradation co-efficient cooling(**)	C _{dc}	0,25	kW	Degradation co-efficient heating(**)	C _{dh}	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	P _{OFF}	0,0	kW	cooling	Q _{CE}	261	kWh/a
standby mode	P _{SB}	0,0	kW	heating/Average	Q _{HE}	1658	kWh/a
thermostat-off mode	P _{TO}	0,0	kW	heating/Warmer	Q _{HE}	-	kWh/a
crankcase heater mode	P _{CK}	0,0	kW	heating/Colder	Q _{HE}	-	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L _{WA}	57,0/65,0	dB(A)
staged	N			Global warming potential	GWP	1975	kgCO ₂ eq.
variable	Y			Rated air flow (indoor/outdoor)	-	840/2280	m ³ /h
Contact details for obtaining more information	http://www.samsung.com						

(*) For staged capacity units, two values divided by a slash (/) will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of unit.

(**) If default C_d = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.