RDE Service
TOUS CORPS D'ÉTAT
SAMSUNG
RDE Service - 2 rue Le Corbusier, 95190 Goussainville - 07 56 90 60 94 - contact@rdeservice.fr - Produit commandé sur https://rdeservice.fr/boutique/residentiel/samsung-ar50f15c1ahn-eu-ar50f15c1ahx-eu/

ErP Information(AC Product) AR50F15C1AHN/AR50F15C1AHX

According to Commission Regulation (EU) No 206/2012

Function (indicate if persent)				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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	4,3	kW	cooling	SEER	7,6	-
heating/Average	Pdesignh	2,7	kW	heating/Average	SCOP/A	4,5	-
heating/Warmer	Pdesignh	1,5	kW	heating/Warmer	SCOP/W	5,4	-
heating/Colder	Pdesignh	-	kW	heating/Colder	SCOP/C	-	-
Declared capacity(*) for cooling, at indoor temperature 27(19) ℃ and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19) ℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35 ℃	Pdc	4,3	kW	Tj = 35 ℃	EERd	3,4	-
Tj = 30 ℃	Pdc	3,0	kW	Tj = 30 ℃	EERd	5,3	-
Tj = 25 ℃	Pdc	1,9	kW	Tj = 25 ℃	EERd	9,0	-
Tj = 20 ℃	Pdc	1,1	kW	Tj = 20 ℃	EERd	15,7	-
Declared capacity(*) for heating/Average season, at indoor temperature 20 ℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20 ℃ and outdoor temperature Tj			
Tj = - 7 ℃	Pdh	2,4	kW	Tj = -7 ℃	COPd	2,9	-
Tj = 2 ℃	Pdh	1,5	kW	Tj = 2 ℃	COPd	4,6	-
Tj = 7 ℃	Pdh	1,0	kW	Tj = 7 ℃	COPd	5,5	-
Tj = 12 ℃	Pdh	0,9	kW	Tj = 12 ℃	COPd	6,6	-
Tj = bivalent temperature	Pdh	2,7	kW	Tj = bivalent temperature	COPd	2,7	-
Tj = operating limit	Pdh	2,7	kW	Tj = operating limit	COPd	2,7	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20 ℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20 ℃ and outdoor temperature Tj			
Tj = 2 ℃	Pdh	1,5	kW	Tj = 2 ℃	COPd	4,6	-
Tj = 7 ℃	Pdh	1,0	kW	Tj = 7 ℃	COPd	5,5	-
Tj = 12 ℃	Pdh	0,9	kW	Tj = 12 ℃	COPd	6,6	-
Tj = bivalent temperature	Pdh	1,5	kW	Tj = bivalent temperature	COPd	4,6	-
Tj = operating limit	Pdh	2,7	kW	Tj = operating limit	COPd	2,7	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20 ℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20 ℃ and outdoor temperature Tj			
Tj = -7 ℃	Pdh	-	kW	Tj = -7 ℃	COPd	-	-
Tj = 2 ℃	Pdh	-	kW	Tj = 2 ℃	COPd	-	-
Tj = 7 ℃	Pdh	-	kW	Tj = 7 ℃	COPd	-	-
Tj = 12 ℃	Pdh	-	kW	Tj = 12 ℃	COPd	-	-
Tj = bivalent temperature	Pdh	-	kW	Tj = bivalent temperature	COPd	-	-
Tj = operating limit	Pdh	-	kW	Tj = operating limit	COPd	-	-
Tj = -15 ℃	Pdh	-	kW	Tj = -15 ℃	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-10	℃	heating/Average	Tol	-11	℃
heating/Warmer	Tbiv	2	℃	heating/Warmer	Tol	-11	℃
heating/Colder	Tbiv	-	℃	heating/Colder	Tol	-	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcych	-	kW	for heating	COPcyc	-	-
Degradation co-efficient cooling(**)	Cdc	0,25	kW	Degradation co-efficient heating(**)	Cdh	0,25	-

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Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	P_{OFF}	0,0015	kW	cooling	Q_{CE}	198	kWh/a
standby mode	P_{SB}	0,0015	kW	heating/Average	Q_{HE}	840	kWh/a
thermostat-off mode	P_{TO}	0,01	kW	heating/Warmer	Q_{HE}	389	kWh/a
crankcase heater mode	P_{CK}	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}	58,0 / 65,0	dB(A)
staged	N			Global warming potential	GWP	675	$kgCO_2$ eq.
variable	Y			Rated air flow (indoor/outdoor)	-	770/2700	m^3/h
Contact details for obtaining more information							

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

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