COMMISSION REGULATION (EU) No 206/2012 [I)]

ECODESIGN REQUIREMENTS FOR AIR CONDITIONERS [(A)]

AR18MSFPEWQN / AR18MSFPEWQX

Function (indicate if persent) [(B)]		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'[(C)]	
cooling [(D)]	Y [(I)]	Average (mandatory) [(F)]	Y [(I)]
heating [(E)]	Y [(I)]	Warmer (if designated) [(G)]	Y [(J)]
		Colder (if designated) [(H)]	N [(J)]

Item [(K)]	Symbol [(L)]	Value [(M)]	Unit [(N)]	Item [(K)]	Symbol [(L)]	Value [(M)]	Unit [(N)]
Design load [(O)]				**Seasonal efficiency [(S)]**			
cooling [(D)]	Pdesignc	5,0	kW	cooling [(D)]	SEER	6,1	-
heating/Average [(P)]	Pdesignh	3,8	kW	heating/Average [(P)]	SCOP/A	3,8	-
heating/Warmer [(Q)]	Pdesignh	2,1	kW	heating/Warmer [(Q)]	SCOP/W	4,2	-
heating/Colder [(R)]	Pdesignh	-	kW	heating/Colder [(R)]	SCOP/C	-	-
Declared capacity(*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj [(T)]				**Declared energy efficiency ratio(*), at indoor temperature 27(19) °C and outdoor temperature Tj [(U)]**			
Tj = 35 °C	Pdc	5,0	kW	Tj = 35 °C	EERd	3,3	-
Tj = 30 °C	Pdc	3,7	kW	Tj = 30 °C	EERd	4,9	-
Tj = 25 °C	Pdc	2,3	kW	Tj = 25 °C	EERd	7,7	-
Tj = 20 °C	Pdc	2,0	kW	Tj = 20 °C	EERd	10,5	-
Declared capacity(*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj [(V)]				**Declared coefficient of performance(*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj [(W)]**			
Tj = - 7 °C	Pdh	3,3	kW	Tj = -7 °C	COPd	2,9	-
Tj = 2 °C	Pdh	2,1	kW	Tj = 2 °C	COPd	3,8	-
Tj = 7 °C	Pdh	1,3	kW	Tj = 7 °C	COPd	4,6	-
Tj = 12 °C	Pdh	1,3	kW	Tj = 12 °C	COPd	5,3	-
Tj = bivalent temperature [(AB)]	Pdh	3,8	kW	Tj = bivalent temperature [(AB)]	COPd	2,6	-
Tj = operating limit [(AC)]	Pdh	3,8	kW	Tj = operating limit [(AC)]	COPd	2,6	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj [(X)]				**Declared coefficient of performance(*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj [(Y)]**			
Tj = 2 °C	Pdh	2,1	kW	Tj = 2 °C	COPd	3,8	-
Tj = 7 °C	Pdh	1,3	kW	Tj = 7 °C	COPd	4,6	-
Tj = 12 °C	Pdh	1,3	kW	Tj = 12 °C	COPd	5,3	-
Tj = bivalent temperature [(AB)]	Pdh	2,1	kW	Tj = bivalent temperature [(AB)]	COPd	3,8	-
Tj = operating limit [(AC)]	Pdh	3,8	kW	Tj = operating limit [(AC)]	COPd	2,6	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj [(Z)]				**Declared coefficient of performance(*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj [(AA)]**			
Tj = -7 °C	Pdh	-	kW	Tj = -7 °C	COPd	-	-
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-	-
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-	-
Tj = 12 °C	Pdh	-	kW	Tj = 12 °C	COPd	-	-
Tj = bivalent temperature [(AB)]	Pdh	-	kW	Tj = bivalent temperature [(AB)]	COPd	-	-
Tj = operating limit [(AC)]	Pdh	-	kW	Tj = operating limit [(AC)]	COPd	-	-
Tj = -15 °C	Pdh	-	kW	Tj = -15 °C	COPd	-	-
Bivalent temperature [(AD)]				**Operating limit temperature [(AE)]**			
heating/Average [(P)]	Tbiv	-10	°C	heating/Average [(P)]	Tol	-10	°C
heating/Warmer [(Q)]	Tbiv	+2	°C	heating/Warmer [(Q)]	Tol	-10	°C
heating/Colder [(R)]	Tbiv	-	°C	heating/Colder [(R)]	Tol	-	°C
Cycling interval capacity [(AF)]				**Cycling interval efficiency [(AG)]**			
for cooling [(AH)]	Pcycc	-	kW	for cooling [(AH)]	EERcyc	-	-
for heating [(AI)]	Pcych	-	kW	for heating [(AI)]	COPcyc	-	-
Degradation co-efficient cooling(**) [(AJ)]	Cdc	0,25	kW	Degradation co-efficient heating(**) [(AK)]	Cdh	0,25	-
Electric power input in power modes other than 'active mode' [(AL)]				**Annual electricity consumption [(AQ)]**			
off mode [(AM)]	P_OFF	0,0	kW	cooling [(D)]	Q_CE	287	kWh/a [(AR)]
standby mode [(AN)]	P_SB	0,0	kW	heating/Average [(P)]	Q_HE	1400	kWh/a [(AR)]
thermostat-off mode [(AO)]	P_TO	0,0	kW	heating/Warmer [(Q)]	Q_HE	700	kWh/a [(AR)]
crankcase heater mode [(AP)]	P_CK	0,0	kW	heating/Colder [(R)]	Q_HE	-	kWh/a [(AR)]
Capacity control (indicate one of three options) [(AS)]				**Other items [(AW)]**			
fixed [(AT)]		N		Sound power level (indoor/outdoor) [(AX)]	L_WA	58,0/65,0	dB(A)
staged [(AU)]		N		Global warming potential [(AY)]	GWP [(BA)]	2088	kgCO₂ eq. [(BB)]
variable [(AV)]		Y		Rated air flow (indoor/outdoor) [(AZ)]	-	900/2280	m³/h
Contact details for obtaining more information [(BC)]							

BD	*=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.	
BE	**=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.	