COMMISSION REGULATION (EU) No 206/2012 1)

ECODESIGN REQUIREMENTS FOR AIR CONDITIONERS (A)

A D1 OM ACEDEMION	/ AR18MSFPFWOX

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		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)	Υ (1)	Average (mandatory) (F)	Y (0)
heating ^(E)	Υ (1)	Warmer (if designated) (G)	Y (J)
		Colder (if designated) (H)	N ^(J)

Item (K)	Symbol (L)	Value (M)	Unit (N)
Design load (0)	27201		
cooling (D)	Pdesigno	5,0	kW
heating/Average (P)	Pdesignh	3,8	kW
heating/Warmer (0)	Pdesignh	2,1	kW
heating/Colder (R)	Pdesignh	2,1	kW
Declared capacity(*) for cooling, at ind		7/10) °C and outdo	
temperature Tj (T)	ooi terriperature 2	7(19) Cand outue	,O1
Tj = 35 °C	Pdc	5,0	kW
Tj=30 °C	Pdc	3,7	kW
Tj = 25 °C	Pdc	2,3	kW
Tj = 20 ℃	Pdc	2,0	kW
Declared capacity(*) for heating/Avera temperature Tj (V)			°C and outdoo
Tj=-7°C	Pdh	3,3	kW
Tj=2°C	Pdh	2,1	kW
	Pdh	_	kW
Tj=7 ℃	_	1,3	
Tj = 12 °C	Pdh	1,3	kW
Tj = bivalent temperature (AB)	Pdh	3,8	kW
Tj = operating limit (AC)	Pdh	3,8	kW
Declared capacity(*) for heating/Warm temperature Tj (X)	er season, at indoo	or temperature 20	'C and outdoo
Tj=2℃	Pdh	2,1	kW
Tj=7°C	Pdh	1,3	kW
Tj=12°C	Pdh	1,3	kW
Tj = bivalent temperature (AB)	Pdh	2,1	kW
Tj = operating limit (AC)	Pdh	3,8	kW
Declared capacity(*) for heating/Colde			
temperature Tj (Z)		Γ	1111
Tj = -7 °C	Pdh	-	kW
Tj = 2 °C	Pdh	-	kW
Tj = 7 °C	Pdh	-	kW
Tj = 12 °C	Pdh	-	kW
Tj = bivalent temperature (AB)	Pdh	-	kW
Tj = operating limit (AC)	Pdh	-	kW
Tj = -15 ℃	Pdh	-	kW
Bivalent temperature (AD)			1
heating/Average (P)	Tbiv	-10	℃
heating/Warmer (0)	Tbiv	+2	℃
heating/Colder ^(R)	Tbiv	-	°C
Cycling interval capacity (AF)			,
for cooling (AH)	Pcycc	-	kW
for heating (AI)	Pcych	-	kW
Degradation co-efficient cooling(**) (AI)	Cdc	0,25	kW
Electric power input in power modes of		ode'(AL)	
off mode (AM)	P _{off}	0,0	kW
standby mode (AN)	P _{ss}	0,0	kW
thermostat-off mode (AO)	P _{to}	0,0	kW
crankcase heater mode (AP)	P _{ck}	0,0	kW
Capacity control (indicate one of three	options) (AS)		
fixed (AT)		N	
staged (AU)		N	
variable (AV)		Υ	
Contact details for obtaining more information (BC)			

Item ^(K)	Symbol ^(L)	Value (M)	Unit (N)
Seasonal efficiency (S)			
cooling ^(D)	SEER	6,1	-
heating/Average (P)	SCOP/A	3,8	-
heating/Warmer (0)	SCOP/W	4,2	-
heating/Colder (R)	SCOP/C	-	-
Declared energy efficiency ratio(*), at intemperature Tj (U)	door temperature	27(19) °C and out	tdoor
Tj = 35 °C	EERd	3,3	-
Tj = 30 °C	EERd	4,9	-
Tj = 25 °C	EERd	7,7	-
Tj = 20 °C	EERd	10,5	-
Declared coefficient of performance(*)// outdoor temperature Tj (W)	Average season, at	indoor temperat	ure 20 °C and
Tj = -7 ℃	COPd	2,9	-
Tj = 2 °C	COPd	3,8	-
Tj = 7 °C	COPd	4,6	-
Tj = 12 °C	COPd	5,3	-
Tj = bivalent temperature (AB)	COPd	2,6	-
Tj = operating limit (AC)	COPd	2,6	-
Declared coefficient of performance(*)/\(^1\) outdoor temperature Tj (\(^1\)	Narmer season, at	indoor temperati	ure 20 °C and
Tj = 2 °C	COPd	3,8	-
Tj = 7 °C	COPd	4,6	-
Tj = 12 °C	COPd	5,3	-
Tj = bivalent temperature (AB)	COPd	3,8	-
Tj = operating limit (AC)	COPd	2,6	-
Declared coefficient of performance(*)/o outdoor temperature Tj (AA)	Colder season, at ir	ndoor temperatur	re 20 °C and
Tj = -7 °C	COPd	-	-
Tj = 2 ℃	COPd	-	-
Tj = 7 °C	COPd	-	
Tj = 12 °C			-
1j = 12 C	COPd	-	-
Tj = bivalent temperature (AB)		-	-
,	COPd	-	
Tj = bivalent temperature (AB)	COPd COPd	- - -	-
Tj = bivalent temperature (AB) Tj = operating limit (AC)	COPd COPd COPd		-
Tj = bivalent temperature (AB) Tj = operating limit (AC) Tj = -15 °C	COPd COPd COPd		-
Tj = bivalent temperature (AB) Tj = operating limit (AC) Tj = -15 °C Operating limit temperature (AB)	COPd COPd COPd COPd	-	
Tj = bivalent temperature ^(AB) Tj = operating limit ^(AC) Tj = -15 °C Operating limit temperature ^(AB) heating/Average ^(P)	COPd COPd COPd COPd	-10	- - -
Tj = bivalent temperature ^(AB) Tj = operating limit ^(AC) Tj = -15 [*] C Operating limit temperature ^(AB) heating/Average ^(P) heating/Warmer ^(C)	COPd COPd COPd COPd Tol	-10	- - - - °C
Tj = bivalent temperature (MB) Tj = operating limit MC) Tj = -15 °C Operating limit temperature MB heating/Average ^{P7} heating/Warmer ^{CO} heating/Colder ^{P0}	COPd COPd COPd COPd Tol	-10	- - - - °C
Tj = bivalent temperature (№) Tj = operating limit (№) Tj = -15 °C Operating limit temperature (№) heating/Average (**) heating/Average (**) heating/Colder (**) Cycling interval efficiency (№)	COPd COPd COPd COPd Tol Tol Tol EERcyc	-10	- - - - °C
Tj = bivalent temperature ^(sab) Tj = operating limit ^(sc) Tj = -15 °C Operating limit temperature ^(sab) heating/Average ^(sp) heating/Mamer ^(sp) heating/Colder ^(sp) Cycling interval efficiency ^(sc) for cooling ^(sab)	COPd COPd COPd COPd Tol Tol	-10 -10 -	- °C °C °C
Tj = bivalent temperature (MB) Tj = operating limit (MC) Tj = -15 °C Operating limit temperature (MB) heating/Average (MB) heating/Average (MB) heating/Kolder (MB) Cycling interval efficiency (MB) for cooling (MB) for heating (MB)	COPd COPd COPd COPd Tol Tol Tol EERcyc COPcyc Cdh	-10 -10 	- °C
Tj = bivalent temperature (MB) Tj = operating limit (MC) Tj = -15 °C Operating limit temperature (MB) heating/Average (MB) heating/Average (MB) heating/Colder (MB) Cycling interval efficiency (MB) for cooling (MB) for heating (MB) Degradation co-efficient heating (MB)	COPd COPd COPd COPd Tol Tol Tol EERcyc COPcyc	-10 -10 	- °C
Tj = bivalent temperature ^(AB) Tj = operating limit ^(AC) Tj = -15 ^(AC) Operating limit temperature ^(AB) heating/Average ^(P) heating/Average ^(P) heating/Colder ^(P) Cycling interval efficiency ^(AB) for cooling ^(AB) for heating ^(AC) Degradation co-efficient heating ^(AC) Annual electricity consumption ^(AC)	COPd COPd COPd COPd Tol Tol Tol EERcyc COPcyc Cdh	-10 -10 - - - - - 0,25	- °C
Tj = bivalent temperature (MB) Tj = operating limit (MC) Tj = -15 °C Operating limit temperature (MB) heating/Average (PF) heating/Mammer (PB) heating/Colder (PB) Cycling interval efficiency (MB) for cooling (MB) for cooling (MB) Degradation co-efficient heating (MB) Annual electricity consumption (MB) cooling (MB)	COPd COPd COPd COPd Tol Tol Tol Que COPc COPc COPc COPc Cdh Que Que Que Que Que Que Que	-10 -10 -10 0,25	
Tj = bivalent temperature (448) Tj = operating limit MO Tj = -15 °C Operating limit temperature (440) heating/Average (79) heating/Kolder (70) Cycling interval efficiency (340) for cooling (340) Degradation co-efficient heating (470) Annual electricity consumption (400) heating (340) heating/Average (79) heating/Average (79)	COPd COPd COPd COPd Tol Tol Tol Que COPc COPc COPc COPc Cdh Que Que Que Que Que Que Que	-10 -10 -1 - - - 0,25 - 287 1400	°C °C °C °C
Tj = bivalent temperature (MB) Tj = operating limit (MC) Tj = -15 °C Operating limit temperature (MB) heating/Average (PF) heating/Average (MB) heating/Average (MB) Cycling interval efficiency (MB) for cooling (MB) for cooling (MB) Degradation co-efficient heating (PB) (MB) Annual electricity consumption (MB) cooling (MB) heating/Average (PF)	COPd COPd COPd COPd Tol Tol Tol COPcyc COPcyc Cdh Q _{cs} Q _{les}	-10 -10 -10 - - - 0,25 - 287 1400 700	
Tj = bivalent temperature (MB) Tj = operating limit MC) Tj = -15 °C Operating limit temperature MD heating/Average PP heating/Average PP heating/Colder PP Cycling interval efficiency (MB) for cooling (MB) for heating MB) Degradation co-efficient heating (MB) Annual electricity consumption (MB) cooling (MB) heating/Average PP heating/Average PP heating/Colder PB heating/Colder PB	COPd COPd COPd COPd Tol Tol Tol COPcyc COPcyc Cdh Cu Que Que Que Que Que Que Que Que Que Qu	-10 -10 -10 - - - 0,25 - 287 1400 700	
Tj = bivalent temperature (AB) Tj = operating limit (AC) Tj = -15 °C Operating limit temperature (AB) heating/Average (P) heating/Average (P) heating/Colder (PB) Cycling interval efficiency (AB) for cooling (AB) for cooling (AB) for cooling (AB) for heating (AB) Degradation co-efficient heating (AB) Cycling interval efficiency (AB) for cooling (AB) heating/Average (AB) heating/Average (AB) heating/Average (AB) heating/Colder (AB) Other items (AB)	COPd COPd COPd COPd Tol Tol Tol Que COPc COPc COPc COPc Cdh Que Que Que Que Que Que Que	-10 -10 -10 - - - 0,25 287 1400 700	

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.

^{**=}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.