Information requirements

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011.
Information to identify the model(s) to which the information relates to:

AIR CONDITIONER

TYPE : MULTI SPLIT
WALL-MOUNTED

Indoor unit(s) : IM1-XY 27M*4

Outdoor unit : MU1-Y 105M

Brand : CLIVET

Function (indicate if present)				if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		N	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	10,5	kW	cooling	SEER	6,5	-
heating/Average	Pdesignh	9,2	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	x,x	kW	heating/Warmer	SCOP/W	x,x	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
Declared capacity(*) for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35°C	Pdc	10,500	kW	Tj = 35°C	EERd	2,85	-
Tj = 30°C	Pdc	7,744	kW	Tj = 30°C	EERd	4,78	-
Tj = 25°C	Pdc	4,884	kW	Tj = 25°C	EERd	8,57	-
Tj = 20°C	Pdc	3,126	kW	Tj = 20°C	EERd	13,03	-
Declared capacity(*) for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7°C	Pdh	8,154	kW	Tj = -7°C	COPd	2,16	-
Tj = 2°C	Pdh	5,035	kW	Tj = 2°C	COPd	3,96	-
Tj = 7°C	Pdh	3,460	kW	Tj = 7°C	COPd	5,75	-
Tj = 12°C	Pdh	3,015	kW	Tj = 12°C	COPd	7,14	-
Tj = bivalent temperature	Pdh	8,154	kW	Tj = bivalent temperature	COPd	2,16	-
Tj = operating limit	Pdh	8,200	kW	Tj = operating limit	COPd	2,06	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2°C	Pdh	x,x	kW	Tj = 2°C	COPd	x,x	-
Tj = 7°C	Pdh	x,x	kW	Tj = 7°C	COPd	x,x	-
Tj = 12°C	Pdh	x,x	kW	Tj = 12°C	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-

Declared capacity(*) for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7°C	Pdh	x,x	kW	Tj = -7°C	COPd	x,x	-
Tj = 2°C	Pdh	x,x	kW	Tj = 2°C	COPd	x,x	-
Tj = 7°C	Pdh	x,x	kW	Tj = 7°C	COPd	x,x	-
Tj = 12°C	Pdh	x,x	kW	Tj = 12°C	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,016	kW	cooling	Q_{CE}	565	kWh/a
standby mode	Psb	0,016	kW	heating/Average	Qhe	3226	kWh/a
thermostat-off mode	Pto	0,029	kW	heating/Warmer	Qhe	x	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed	Y/N			Sound power level (indoor/outdoor)	LWA	54/68	dB(A)
staged	Y/N			Global warning potential	GWP	675	$kgCO_2$ eq
variable	Y			Rated air flow (indoor/outdoor)	-	521/4000	m^3/h
Contact details for obtaining more information	CLIVET S.p.A. Via Camp Lonc, 25 - Z.I. VILLAPAIERA - 32032 FELTRE (BL) - ITALIA Tel. +39 439 3131 - Fax +39 439 022022						