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.206/2013 and No.626/2013.
Information to identify the model(s) to which the information relates to:

	AIR CONDITIONER
TYPE	: LCAC
	MIDDLE STATIC PRESSURE DUCT TYPE AIR CONDITIONER
Indoor unit(s)	: 42QSS018D8S
Outdoor unit	: 38QUS018D8S
Brand	: CARRIER

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	5.3	kW	cooling	SEER	6.1	-
heating/Average	Pdesignh	4.3	kW	heating/Average	SCOP/A	4.0	-
heating/Warmer	Pdesignh	5.2	kW	heating/Warmer	SCOP/W	5.0	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
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	5.300	kW	Tj = 35℃	EERd	3.20	-
Tj = 30℃	Pdc	3.784	kW	Tj = 30℃	EERd	4.67	-
Tj = 25℃	Pdc	2.403	kW	Tj = 25℃	EERd	7.33	-
Tj = 20℃	Pdc	1.282	kW	Tj = 20℃	EERd	12.31	-
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			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	3.821	kW	Tj = -7℃	COPd	2.71	-
Tj = 2℃	Pdh	2.389	kW	Tj = 2℃	COPd	3.93	-
Tj = 7℃	Pdh	1.612	kW	Tj = 7℃	COPd	5.08	-
Tj = 12℃	Pdh	1.616	kW	Tj = 12℃	COPd	6.11	-
Tj = bivalent temperature	Pdh	3.821	kW	Tj = bivalent temperature	COPd	2.71	-
Tj = operating limit	Pdh	3.768	kW	Tj = operating limit	COPd	2.54	-
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			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	5.230	kW	Tj = 2℃	COPd	2.68	-
Tj = 7℃	Pdh	3.407	kW	Tj = 7℃	COPd	4.62	-
Tj = 12℃	Pdh	1.534	kW	Tj = 12℃	COPd	5.91	-
Tj = bivalent temperature	Pdh	5.230	kW	Tj = bivalent temperature	COPd	2.68	-
Tj = operating limit	Pdh	5.230	kW	Tj = operating limit	COPd	2.68	-
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			

Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	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 = -15℃	Pdh	x,x	kW	Tj = -15℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	x	℃	heating/Warmer	Tol	x	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
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	0.011	kW	cooling	QCE	304	kWh/a
standby mode	Psb	0.011	kW	heating/Average	Qhe	1512	kWh/a
thermostat-off mode	Pto	0.001	kW	heating/Warmer	Qhe	1464	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	59/62	dB(A)
staged	Y/N			Global warning potential	GWP	675	kgCO2 eq
variable	Y			Rated air flow (indoor/outdoor)	-	880/2000	m3/h
Contact details for obtaining more information	Company: Century Carrier Residential Air Conditioning Equipment Co. Ltd Address: RM5, 5/F, Tower 3, Enterprise Square, 9 Sheung Yuet Road, Kowloon, Hong Kong Telephone: +86-757-26338546 Fax: +86-757-26337977						