

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 : SPLIT							
Indoor unit(s) : 42QHB09E8S*							
Outdoor unit : 38QHB09E8S*							
Brand : Carrier							
Function (indicate if present)				If function 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	2.64	kW	cooling	SEER	8.7	-
heating/Average	Pdesignh	2.70	kW	heating/Average	SCOP/A	4.6	-
heating/Warmer	Pdesignh	2.70	kW	heating/Warmer	SCOP/W	5.1	-
heating/Colder	Pdesignh	x.xx	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	2.64	kW	Tj = 35°C	EERd	4.47	-
Tj = 30°C	Pdc	1.94	kW	Tj = 30°C	EERd	6.70	-
Tj = 25°C	Pdc	1.25	kW	Tj = 25°C	EERd	10.15	-
Tj = 20°C	Pdc	0.85	kW	Tj = 20°C	EERd	17.00	-
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	2.39	kW	Tj = -7°C	COPd	3.20	-
Tj = 2°C	Pdh	1.46	kW	Tj = 2°C	COPd	4.55	-
Tj = 7°C	Pdh	0.94	kW	Tj = 7°C	COPd	5.69	-
Tj = 12°C	Pdh	0.94	kW	Tj = 12°C	COPd	7.10	-
Tj = bivalent temperature	Pdh	2.39	kW	Tj = bivalent temperature	COPd	3.20	-
Tj = operating limit	Pdh	2.70	kW	Tj = operating limit	COPd	2.50	-
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	2.70	kW	Tj = 2°C	COPd	2.80	-
Tj = 7°C	Pdh	1.74	kW	Tj = 7°C	COPd	4.25	-
Tj = 12°C	Pdh	0.95	kW	Tj = 12°C	COPd	7.16	-
Tj = bivalent temperature	Pdh	2.70	kW	Tj = bivalent temperature	COPd	2.80	-
Tj = operating limit	Pdh	2.70	kW	Tj = operating limit	COPd	2.80	-
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 = -15°C	Pdh	x,x	kW	Tj = -15°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-10	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0.25	-	Degradation co-efficient heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.001	kW	cooling	Qce	107	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Qhe	822	kWh/a
thermostat-off mode	Pto	0.015	kW	heating/Warmer	Qhe	742	kWh/a
crankcase heater mode	Pck	0.000	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	Y/N			Item	symbol	value	unit
fixed	N			Sound power level (indoor/outdoor)	LWA	56/64	dB(A)
staged	N			Global warming potential	GWP	675	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	500/2100	m ³ /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						

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AIR CONDITIONER							
TYPE : SPLIT							
Indoor unit(s) : 42QHB12E8S*							
Outdoor unit : 38QHB12E8S*							
Brand : Carrier							
Function (indicate if present)				If function 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3.52	kW	cooling	SEER	8.2	-
heating/Average	Pdesignh	2.70	kW	heating/Average	SCOP/A	4.6	-
heating/Warmer	Pdesignh	2.70	kW	heating/Warmer	SCOP/W	5.1	-
heating/Colder	Pdesignh	x.xx	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	3.52	kW	Tj = 35°C	EERd	4.00	-
Tj = 30°C	Pdc	2.60	kW	Tj = 30°C	EERd	5.70	-
Tj = 25°C	Pdc	1.67	kW	Tj = 25°C	EERd	9.60	-
Tj = 20°C	Pdc	0.85	kW	Tj = 20°C	EERd	17.00	-
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	2.39	kW	Tj = -7°C	COPd	3.20	-
Tj = 2°C	Pdh	1.46	kW	Tj = 2°C	COPd	4.55	-
Tj = 7°C	Pdh	0.94	kW	Tj = 7°C	COPd	5.69	-
Tj = 12°C	Pdh	0.94	kW	Tj = 12°C	COPd	7.10	-
Tj = bivalent temperature	Pdh	2.39	kW	Tj = bivalent temperature	COPd	3.20	-
Tj = operating limit	Pdh	2.70	kW	Tj = operating limit	COPd	2.50	-
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	2.70	kW	Tj = 2°C	COPd	2.80	-
Tj = 7°C	Pdh	1.74	kW	Tj = 7°C	COPd	4.25	-
Tj = 12°C	Pdh	0.95	kW	Tj = 12°C	COPd	7.16	-
Tj = bivalent temperature	Pdh	2.70	kW	Tj = bivalent temperature	COPd	2.80	-
Tj = operating limit	Pdh	2.70	kW	Tj = operating limit	COPd	2.80	-
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 = -15°C	Pdh	x,x	kW	Tj = -15°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-10	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0.25	-	Degradation co-efficient heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.001	kW	cooling	Qce	151	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Qhe	822	kWh/a
thermostat-off mode	Pto	0.015	kW	heating/Warmer	Qhe	742	kWh/a
crankcase heater mode	Pck	0.000	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	Y/N			Item	symbol	value	unit
fixed	N			Sound power level (indoor/outdoor)	LWA	57/65	dB(A)
staged	N			Global warming potential	GWP	675	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	530/2100	m ³ /h
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AIR CONDITIONER TYPE : SPLIT WALL-MOUNTED Indoor unit(s) : 42QHB18D8S* Outdoor unit : 38QHB18D8S* Brand : Carrier							
Function (indicate if present)				if function 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	5.28	kW	cooling	SEER	6.4	-
heating/Average	Pdesignh	3.90	kW	heating/Average	SCOP/A	4.0	-
heating/Warmer	Pdesignh	x.xx	kW	heating/Warmer	SCOP/W	x.x	-
heating/Colder	Pdesignh	x.xx	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	5.28	kW	Tj = 35 °C	EERd	3.24	-
Tj = 30 °C	Pdc	3.89	kW	Tj = 30 °C	EERd	4.50	-
Tj = 25 °C	Pdc	2.50	kW	Tj = 25 °C	EERd	7.17	-
Tj = 20 °C	Pdc	1.50	kW	Tj = 20 °C	EERd	13.00	-
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	3.45	kW	Tj = -7 °C	COPd	2.70	-
Tj = 2 °C	Pdh	2.10	kW	Tj = 2 °C	COPd	4.00	-
Tj = 7 °C	Pdh	1.35	kW	Tj = 7 °C	COPd	4.90	-
Tj = 12 °C	Pdh	1.00	kW	Tj = 12 °C	COPd	5.80	-
Tj = bivalent temperature	Pdh	3.45	kW	Tj = bivalent temperature	COPd	2.70	-
Tj = operating limit	Pdh	3.80	kW	Tj = operating limit	COPd	2.50	-
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 = -15 °C	Pdh	x,x	kW	Tj = -15 °C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0.25	-	Degradation co-efficient heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.001	kW	cooling	Q _{CE}	289	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Q _{he}	1365	kWh/a
thermostat-off mode	Pto	0.015	kW	heating/Warmer	Q _{he}	x	kWh/a
crankcase heater mode	Pck	0.000	kW	heating/Colder	Q _{he}	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	Y/N			Item	symbol	value	unit
fixed	N			Sound power level (indoor/outdoor)	LWA	60/65	dB(A)
staged	N			Global warming potential	GWP	675	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	780/2100	m ³ /h
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AIR CONDITIONER TYPE : SPLIT Indoor unit(s) : WALL-MOUNTED Outdoor unit : 42QHB24D8S* Brand : 38QHB24D8S* Carrier							
Function (indicate if present)				if function 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	7.04	kW	cooling	SEER	6.4	-
heating/Average	Pdesignh	5.10	kW	heating/Average	SCOP/A	4.0	-
heating/Warmer	Pdesignh	x.xx	kW	heating/Warmer	SCOP/W	x.x	-
heating/Colder	Pdesignh	x.xx	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	7.04	kW	Tj = 35 °C	EERd	3.03	-
Tj = 30 °C	Pdc	5.19	kW	Tj = 30 °C	EERd	4.50	-
Tj = 25 °C	Pdc	3.33	kW	Tj = 25 °C	EERd	7.53	-
Tj = 20 °C	Pdc	2.50	kW	Tj = 20 °C	EERd	12.50	-
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	4.52	kW	Tj = -7 °C	COPd	2.70	-
Tj = 2 °C	Pdh	2.75	kW	Tj = 2 °C	COPd	3.99	-
Tj = 7 °C	Pdh	1.77	kW	Tj = 7 °C	COPd	4.90	-
Tj = 12 °C	Pdh	1.60	kW	Tj = 12 °C	COPd	6.30	-
Tj = bivalent temperature	Pdh	4.52	kW	Tj = bivalent temperature	COPd	2.70	-
Tj = operating limit	Pdh	5.10	kW	Tj = operating limit	COPd	2.00	-
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 = -15 °C	Pdh	x,x	kW	Tj = -15 °C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0.25	-	Degradation co-efficient heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.001	kW	cooling	Qce	385	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Qhe	1785	kWh/a
thermostat-off mode	Pto	0.015	kW	heating/Warmer	Qhe	x	kWh/a
crankcase heater mode	Pck	0.000	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	Y/N			Item	symbol	value	unit
fixed	N			Sound power level (indoor/outdoor)	LWA	63/68	dB(A)
staged	N			Global warming potential	GWP	675	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	1100/2700	m ³ /h
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