

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							
WALL-MOUNTED							
Indoor unit(s) : 42QHC009D8S×5							
Outdoor unit : 38QUS042D8S5							
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	
Design load				Seasonal efficiency			
cooling		Pdesignc		12,00		kW	
heating/Average		Pdesignh		9,20		kW	
heating/Warmer		Pdesignh		x,xx		kW	
heating/Colder		Pdesignh		x,xx		kW	
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	
Tj = 35°C		Pdc		12,00		kW	
Tj = 30°C		Pdc		8,40		kW	
Tj = 25°C		Pdc		5,40		kW	
Tj = 20°C		Pdc		2,65		kW	
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	
Tj = -7°C		Pdh		8,14		kW	
Tj = 2°C		Pdh		4,96		kW	
Tj = 7°C		Pdh		3,19		kW	
Tj = 12°C		Pdh		2,20		kW	
Tj = bivalent temperature		Pdh		8,14		kW	
Tj = operating limit		Pdh		8,80		kW	
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	
Tj = 2°C		Pdh		x,x		kW	
Tj = 7°C		Pdh		x,x		kW	
Tj = 12°C		Pdh		x,x		kW	
Tj = bivalent temperature		Pdh		x,x		kW	
Tj = operating limit		Pdh		x,x		kW	
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	
Tj = -7°C		Pdh		x,x		kW	
Tj = 2°C		Pdh		x,x		kW	
Tj = 7°C		Pdh		x,x		kW	
Tj = 12°C		Pdh		x,x		kW	
Tj = bivalent temperature		Pdh		x,x		kW	
Tj = operating limit		Pdh		x,x		kW	
Tj = -15°C		Pdh		x,x		kW	
Bivalent temperature				Operating limit temperature			
heating/Average		Tbiv		-7		°C	
heating/Warmer		Tbiv		x		°C	
heating/Colder		Tbiv		x		°C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc		x,x		kW	
for heating		Pcych		x,x		kW	
Degradation co-efficient cooling		Cdc		0,25		-	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff		0,018		kW	
standby mode		Psb		0,018		kW	
thermostat-off mode		Pto		0,034		kW	
crankcase heater mode		Pck		0,000		kW	
Capacity control(indicate one of the options)				Other items			
Item		Y/N		Item		symbol	
fixed		N		Sound power level (indoor/outdoor)		LWA	
staged		N		Global warming potential		GWP	
variable		Y		Rated air flow (indoor/outdoor)		-	
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					