

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:							
TYPE : AIR CONDITIONER : SPLIT : WALL-MOUNTED Indoor unit(s) : 42QHC009DS Outdoor unit : 38QHC009DS 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	2,70	kW	cooling	SEER	7,2	-
heating/Average	Pdesignh	2,40	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	2,70	kW	heating/Warmer	SCOP/W	5,2	-
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	2,70	kW	Tj = 35°C	EERd	3,29	-
Tj = 30°C	Pdc	1,89	kW	Tj = 30°C	EERd	5,50	-
Tj = 25°C	Pdc	1,27	kW	Tj = 25°C	EERd	9,00	-
Tj = 20°C	Pdc	0,97	kW	Tj = 20°C	EERd	13,05	-
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	2,13	kW	Tj = -7°C	COPd	2,65	-
Tj = 2°C	Pdh	1,30	kW	Tj = 2°C	COPd	3,93	-
Tj = 7°C	Pdh	0,83	kW	Tj = 7°C	COPd	5,20	-
Tj = 12°C	Pdh	0,71	kW	Tj = 12°C	COPd	6,20	-
Tj = bivalent temperature	Pdh	2,13	kW	Tj = bivalent temperature	COPd	2,65	-
Tj = operating limit	Pdh	2,10	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	2,70	kW	Tj = 2°C	COPd	2,70	-
Tj = 7°C	Pdh	1,74	kW	Tj = 7°C	COPd	5,00	-
Tj = 12°C	Pdh	0,77	kW	Tj = 12°C	COPd	6,19	-
Tj = bivalent temperature	Pdh	2,70	kW	Tj = bivalent temperature	COPd	2,70	-
Tj = operating limit	Pdh	2,70	kW	Tj = operating limit	COPd	2,70	-
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	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	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyh	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	131	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	840	kWh/a
thermostat-off mode	Pto	0,015	kW	heating/Warmer	Qhe	727	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	53/64	dB(A)
staged	N			Global warming potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	490/1700	m ³ /h
Contact details for obtaining more information	Company: Foshan Midea Carrier Air-Conditioning Equipment Co. Ltd Address: Northern of No.5 Industrial District of Midea, ShunDe, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86-757-26338546 Fax: +86-757-26337977						

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AIR CONDITIONER

TYPE : SPLIT
WALL-MOUNTED

Indoor unit(s) : 42QHC012DS
Outdoor unit : 38QHC012DS
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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3,52	kW	cooling	SEER	6,7	-
heating/Average	Pdesignh	2,90	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	3,40	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	2,82	-
Tj = 30°C	Pdc	2,50	kW	Tj = 30°C	EERd	4,60	-
Tj = 25°C	Pdc	1,66	kW	Tj = 25°C	EERd	8,30	-
Tj = 20°C	Pdc	1,06	kW	Tj = 20°C	EERd	14,30	-
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	2,57	kW	Tj = -7°C	COPd	2,50	-
Tj = 2°C	Pdh	1,57	kW	Tj = 2°C	COPd	3,98	-
Tj = 7°C	Pdh	1,05	kW	Tj = 7°C	COPd	5,20	-
Tj = 12°C	Pdh	1,03	kW	Tj = 12°C	COPd	6,60	-
Tj = bivalent temperature	Pdh	2,57	kW	Tj = bivalent temperature	COPd	2,50	-
Tj = operating limit	Pdh	2,50	kW	Tj = operating limit	COPd	2,10	-
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	3,40	kW	Tj = 2°C	COPd	2,60	-
Tj = 7°C	Pdh	2,20	kW	Tj = 7°C	COPd	4,43	-
Tj = 12°C	Pdh	1,04	kW	Tj = 12°C	COPd	6,60	-
Tj = bivalent temperature	Pdh	3,40	kW	Tj = bivalent temperature	COPd	2,60	-
Tj = operating limit	Pdh	3,40	kW	Tj = operating limit	COPd	2,60	-
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℃	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	2	℃	heating/Warmer	Tol	2	℃
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	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}	184	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Q _{he}	1015	kWh/a
thermostat-off mode	Pto	0,015	kW	heating/Warmer	Q _{he}	933	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	54/64	dB(A)
staged	N			Global warning potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	550/1900	m ³ /h
Contact details for obtaining more information	Company: Foshan Midea Carrier Air-Conditioning Equipment Co. Ltd Address: Northern of No.5 Industrial District of Midea, ShunDe, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86-757-26338546 Fax: +86-757-26337977						

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AIR CONDITIONER
 TYPE : SPLIT
 WALL-MOUNTED
 Indoor unit(s) : 42QHC018DS
 Outdoor unit : 38QHC018DS
 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	5,28	kW	cooling	SEER	7,0	-
heating/Average	Pdesignh	4,30	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	5,60	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	5,28	kW	Tj = 35°C	EERd	3,25	-
Tj = 30°C	Pdc	3,69	kW	Tj = 30°C	EERd	4,80	-
Tj = 25°C	Pdc	2,37	kW	Tj = 25°C	EERd	8,24	-
Tj = 20°C	Pdc	1,55	kW	Tj = 20°C	EERd	14,50	-
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	3,81	kW	Tj = -7°C	COPd	2,55	-
Tj = 2°C	Pdh	2,32	kW	Tj = 2°C	COPd	3,87	-
Tj = 7°C	Pdh	1,50	kW	Tj = 7°C	COPd	5,40	-
Tj = 12°C	Pdh	1,30	kW	Tj = 12°C	COPd	6,60	-
Tj = bivalent temperature	Pdh	3,81	kW	Tj = bivalent temperature	COPd	2,55	-
Tj = operating limit	Pdh	3,70	kW	Tj = operating limit	COPd	2,20	-
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	4,60	kW	Tj = 2°C	COPd	2,70	-
Tj = 7°C	Pdh	3,60	kW	Tj = 7°C	COPd	4,50	-
Tj = 12°C	Pdh	1,60	kW	Tj = 12°C	COPd	6,75	-
Tj = bivalent temperature	Pdh	4,40	kW	Tj = bivalent temperature	COPd	3,60	-
Tj = operating limit	Pdh	4,60	kW	Tj = operating limit	COPd	2,70	-

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	5	°C	heating/Warmer	Tol	2	°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	Pcyh	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}	264	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Q _{he}	1505	kWh/a
thermostat-off mode	Pto	0,015	kW	heating/Warmer	Q _{he}	1537	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	57/65	dB(A)
staged	N			Global warning potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	800/2100	m ³ /h
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AIR CONDITIONER
 TYPE : SPLIT
 WALL-MOUNTED
 Indoor unit(s) : 42QHC024DS
 Outdoor unit : 38QHC024DS
 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	6,40	kW	cooling	SEER	6,8	-
heating/Average	Pdesignh	5,20	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	6,40	kW	heating/Warmer	SCOP/W	4,8	-
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	6,40	kW	Tj = 35°C	EERd	3,11	-
Tj = 30°C	Pdc	4,48	kW	Tj = 30°C	EERd	4,69	-
Tj = 25°C	Pdc	2,90	kW	Tj = 25°C	EERd	7,90	-
Tj = 20°C	Pdc	1,95	kW	Tj = 20°C	EERd	14,30	-
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	4,60	kW	Tj = -7°C	COPd	2,60	-
Tj = 2°C	Pdh	2,90	kW	Tj = 2°C	COPd	3,90	-
Tj = 7°C	Pdh	1,80	kW	Tj = 7°C	COPd	5,20	-
Tj = 12°C	Pdh	1,38	kW	Tj = 12°C	COPd	6,50	-
Tj = bivalent temperature	Pdh	4,60	kW	Tj = bivalent temperature	COPd	2,60	-
Tj = operating limit	Pdh	4,30	kW	Tj = operating limit	COPd	2,20	-
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	5,50	kW	Tj = 2°C	COPd	2,55	-
Tj = 7°C	Pdh	4,20	kW	Tj = 7°C	COPd	4,10	-
Tj = 12°C	Pdh	1,90	kW	Tj = 12°C	COPd	6,35	-
Tj = bivalent temperature	Pdh	5,03	kW	Tj = bivalent temperature	COPd	3,50	-
Tj = operating limit	Pdh	5,50	kW	Tj = operating limit	COPd	2,55	-

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	5	°C	heating/Warmer	Tol	2	°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	Pcyh	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}	329	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Q _{he}	1820	kWh/a
thermostat-off mode	Pto	0,015	kW	heating/Warmer	Q _{he}	1867	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	63/69	dB(A)
staged	N			Global warning potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	1150/2700	m ³ /h
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