

Technical document

Suppliers name					a general description of the appliance			
Name	CARRIER JAPAN CORPORATION				Multi split type air o	conditioner		
Address	336 TADEHARA. FUJI-SHI, SHIZUOKA-KEN.							
	JAPAN							
					_			
outdoor unit					7			
Type	X	CT8 18HP						
name	38	3VT018188HTE	E		7			
					_			
indoor unit					indoor unit(2)			
Type	Di	ucted			Type	Ducted		
name	40	0VD024H-8S-TI	EE		name	40VD024H-8S	-TEE	
indoor unit(3)					indoor unit(4)			
Type		ucted			Type	Ducted		
name	40	0VD024H-8S-TI	EE		name	40VD024H-8S	-TEE	
indoor unit(5)					indoor unit(6)			
Type		ucted			Type	Ducted		
name		40VD018H-8S-TEE			name	40VD018H-8S-TEE		
					-			
indoor unit(7)					indoor unit(8)			
Туре		ucted			Type	Ducted		
name 40VD018H-8S-TEE			name	40VD018H-8S-TEE				
Power consump		_		_	Efficiency of cycling			
cooling		сусс	Х,Х	kW	cooling	EERcyc		
heating	Po	cych	X , X	kW	heating	COPcyc	x,x -	
				1		1		
Degradation co					Degradation co-efficient			
cooling	C	dc	0.25	-	Heating	Cdc	0.25 -	



Function(indicate which function applies to the information) cooling									
Season at a time. Include at least the heating season 'Average'					If function applies to heating: In	ndicate the heating s	eason the		
Neating Y	Function(indicate which func	tion applies to the	information)		information relates to. Informati	on should relate to o	one heating		
Neating Y	·								
Name(rit designated) Name Name(rit designated) Name(rit desi	cooling	Y			=				
Tem	_	Y				N			
Design bad cooling		•							
Cooling	Item	symbol	value	unit	Item	symbol	value	unit	
	Design load				Seasonal efficiency				
	cooling	Pdesignc	50.4 kW	/	cooling	ηsc	270.6	%	
Declared capacity for cooling at indoor temperature 27(19)**C	heating/Average	Pdesignh	27.9 kW	/		SEER	6.84	-	
Reating/Colder	heating/Warmer	Pdesignh	x,x kW	/	heating/Average	ηsh(A)	165.0	%	
Declared capacity for cooling at indoor temperature 27(19)*C	heating/Colder	Pdesignh		/		SCOP(A)	4.20	-	
Declared capacity for cooling at indoor temperature 27(19)*\tilde{\text{C}}		-			heating/Warmer	ηsh(W)	x x x , x	%	
Declared capacity for cooling at indoor temperature 27(19)*C and outdoor temperature T; T = 35°C Pdc 37.14 kW T = 35°C EERd 2.45 T = 30°C Pdc 37.14 kW T = 20°C Pdc 23.87 kW T = 20°C EERd 4.18 T = 20°C EERd 4.18 T = 20°C EERd 19.39 T = 20°C T = 20°C EERd 19.39 T = 20°C T = 20°C T = 20°C EERd 19.39 T = 20°C T =							X,XX	-	
Declared capacity for cooling at indoor temperature 27(19)*C					heating/Colder			%	
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature 71, T1=35°C Pdc 37.14 kW T1=30°C EERd 4.18 T1=30°C EERd 4.18 T1=30°C EERd 4.18 T1=30°C EERd 4.18 T1=20°C Pdc 10.94 kW T1=20°C EERd 19.89 T1=20°C EPRD 19.89 T1=20°C EERD 19.8					g			-	
And outdoor temperature Tj. Tj=35°C						(- /			
And outdoor temperature Tj. Tj=35°C	Declared capacity for cooling at	indoor temperature	27(19)°C		Declared Energy efficiency ratio	o for cooling at indoo	or temperature		
T =35°C		·	,				·		
Tj=20°C		Pdc	50.40 kV	/		•	2.45	_	
T =25°C Pdc 23.37 NW T =20°C EERd 19.89								_	
Declared capacity for heating/Average climate, at indoor temperature 7). Declared capacity for heating/Average climate, at indoor temperature 20°C and outdoor temperature 1. Tj=-7°C								_	
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Tj=-7°C			14001						
Tj=2°C	1 · .		24.68 kW	,		•		_	
Tj=7°C					1 1 7			=	
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Electric power input in power modes other than "on mode" off mode									
off mode Poffc 0.018 kW cooling QCE 4420 kWh/a stanby mode Psbc 0.018 kW heating/Average QHE/A 9294 kWh/a thermostat-off mode Ptoc 0.005 kW heating/Warmer QHE/B X kWh/a	Total AAA C								
stanby mode Psbc 0.018 kW heating/Average QHE/A 9294 kWh/a thermostat-off mode Ptoc 0.005 kW heating/Warmer QHE/B x kWh/a	Electric power input in power mo	odes other than "on	mode"		Seasonal electricity consumption				
thermostat-off mode Ptoc 0.005 kW heating/Warmer QHE/B x kWh/a	off mode	Poffc	0.018 kW	1	cooling	QCE	4420	kWh/a	
thermostat-off mode Ptoc 0.005 kW heating/Warmer QHE/B x kWh/a	stanby mode	Psbc		1	heating/Average	QHE/A	9294	kWh/a	
	thermostat-off mode	Ptoc							
	crankcase heater mode	Pckc	0.005 kW	<u> </u>	heating/Colder	QHE/C	Х	kWh/a	



Electric power input in power m		on mode"		Supplementary heater			_
off mode	Poffh	0.025	kW	back-up heating capacity	elbu	3.41	kW
stanby mode	Psbh	0.025	kW				•
thermostat-off mode	Ptoh	0.025	kW	Refrigerant			
crankcase heater mode	Pckh	0.001	kW	Туре		R410A	
				Weight		9.0	kg
Capacity control(indicate one of	f three options)			Global warming potential	GWP	2088	kgCO2eq.
Fixed	N					-	
strage	N			Rated air flow			
variable	Υ			Rated air flow(outdoor/cool)		17700	m3/h
				Rated air flow(outdoor/heat)		17700	m3/h
Sound power level				7		•	•
Sound power level(outdoor/coo	d)	86.0	dB(A)	outdoor unit			
Sound power level(outdoor/heat)		90.0	dB(A)	dimension	height	1690	mm
			• • • • • • • • • • • • • • • • • • • •	-	width	1290	mm
					depth	780	mm
				weight		267	kg
Harmonised standard	EN14511-3 :	2013					
Calculation methods	PrEN 14825	: 2016					
Measurement standards							
Contact details for obtaining more information	1	Importer/Dist	ributor in EU:				

Where the information included in the technical documentation file for a particular air conditioner model has been obtained by calculation on the basis of design, or extrapolation from other equivalent appliances, or both, the documentation shall include details of such calculations or extrapolations, or both, and of tests undertaken by suppliers to verify the accuracy of the calculations undertaken.

The information shall also include a list of all other equivalent appliance models where the information was obtained on the same basis.