Technical Document



Appliance - Split type air conditioner								Dir	ective	2009/125/
Supplier										Carrier
Outdoor unit								;	38WHS	M071A1A0T
Indoor unit 1								4	OWHM	W071D1A07
Capacity control									١	Variable
Cooling										
Design load			Р	designc			kW			6.5
Seasonal efficiency				SEER						6.89
Seasonal electricity consumption (*)				Qce k\	Wh/annu	ım				330
Degradation co-efficient cooling				Cdc						-
Declared capacity for cooling, at indoor temperature 27(19) °C and outdoor emperature Tj					Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj					
Fj = 35°C	Pdc	kW	6.50			Tj = 35°C		Pdc	kW	3.05
Tj = 30°C	Pdc	kW	4.79			Tj = 30°C		Pdc	kW	5.30
Tj = 25°C	Pdc	kW	3.08			Tj = 25°C		Pdc	kW	8.95
Tj = 20°C	Pdc	kW	1.37			Tj = 20°C		Pdc	kW	10.15
Heating						Average climate	Colder climate		War	mer climate
Design load			P	designh	kW	5.4	-			2.9
easonal efficiency				SCOP		4.32	=			5.60
easonal electricity consumption (*)				Qhe k\	Wh/annu	ım 1750	=			726
Bivalent temperature					°C	-7.0	-15.0			2.0
· ·				Cdh	°C	-15.0 -	-15.0			-15.0
Degradation co-efficient heating Average climate	indoor temperatu	ıre 20°C	C and outdo		°C	- Declared coefficient of performa		indoor te	emperatu	
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj					°C	- Declared coefficient of performa outdoor temperature Tj				re 20 °C and
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C	Pdh	kW	4.78		°C	Declared coefficient of performa outdoor temperature Tj		Pdh	kW	re 20 °C and 2.80
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C	Pdh Pdh	kW kW	4.78 2.91		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C		Pdh Pdh	kW kW	re 20 °C and 2.80 4.20
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C	Pdh Pdh Pdh	kW kW	4.78 2.91 1.87		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C		Pdh Pdh Pdh	kW kW	re 20 °C and 2.80 4.20 5.80
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C	Pdh Pdh Pdh Pdh	kW kW kW	4.78 2.91 1.87 1.00		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C		Pdh Pdh Pdh Pdh	kW kW kW	2.80 4.20 5.80 6.50
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature	Pdh Pdh Pdh Pdh Pdh	kW kW kW kW	4.78 2.91 1.87 1.00 4.78		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh	kW kW kW kW	2.80 4.20 5.80 6.50 2.80
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Fj = -7 °C Fj = +2 °C Fj = +7 °C Fj = +12 °C Fj = bivalent temperature	Pdh Pdh Pdh Pdh	kW kW kW	4.78 2.91 1.87 1.00		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C	nce/Average season, at	Pdh Pdh Pdh Pdh	kW kW kW	2.80 4.20 5.80 6.50
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature	Pdh Pdh Pdh Pdh Pdh	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh	kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity off mode	Pdh Pdh Pdh Pdh Pdh Pdh Pdh	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Operation limit temperature Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at temperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity off mode Stack up heating capacity	Pdh Pdh Pdh Pdh Pdh	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88		°C	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity Iff mode Back up heating capacity	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	oor	kW	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity off mode hermostat-off mode Back up heating capacity Declared capacity for heating, at indoor temp	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	oor	kW	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity off mode hermostat-off mode Back up heating capacity Declared capacity for heating, at indoor temp Tj = -7 °C	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	or erature 1	kW	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +7 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode 0.960	nce/Average season, at	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity off mode	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	erature 1	kW Fj.	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode 0.960 4.78	nce/Average season, at ire -	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40 0.001 0.000 0.000
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity Off mode hermostat-off mode Back up heating capacity Declared capacity for heating, at indoor temperature Tj = -7 °C Tj = +2 °C	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	erature T Pdh Pdh	kW Fj. kW	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode 0.960 4.78 2.91	nce/Average season, at ire -	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40 0.001 0.000 2.91
Degradation co-efficient heating Average climate Declared capacity for heating/Average season, at emperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature Electricity Off mode hermostat-off mode Back up heating capacity Declared capacity for heating, at indoor temperature Tj = -7 °C Tj = +2 °C Tj = +2 °C	Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pth	kW kW kW kW kW	4.78 2.91 1.87 1.00 4.78 3.88 0.001 0.043	erature T Pdh Pdh Pdh	kW Fj. kW kW	Declared coefficient of performa outdoor temperature Tj Tj = -7 °C Tj = +2 °C Tj = +12 °C Tj = bivalent temperature Tj = operation limit temperature standby mode Crankcase heater mode 0.960 4.78 2.91 1.87	nce/Average season, at ire -	Pdh Pdh Pdh Pdh Pdh Pdh Pbh	kW kW kW kW kW	2.80 4.20 5.80 6.50 2.80 2.40 0.001 0.000 - 2.91 1.87

 $^{(*) \} Based on \ standard \ test \ results. \ Actual \ energy \ consumption \ will \ depend \ on \ how \ the \ appliance \ is \ used \ and \ where \ it \ is \ located$

Refrigerant

Туре		R32
Global Warming Potential	GWP kgCO2ea	675

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional

Sound power level			Cooling	Heating
Outdoor unit	dB		61	62
Indoor unit 40WHMW071D1A0TEE	dB		54	57
Rated air flow			Cooling	Heating
Outdoor unit	m3/h		1660	1800
Indoor unit 40WHMW071D1A0TEE	m3/h		640	780
Dimensions	Height	Width	Depth	Weight (kg)

 Outdoor unit
 m3/h
 1660
 1800

 Indoor unit 40WHMW071D1A0TEE
 m3/h
 640
 780

Harmonised standard EN14511:2007, EN12102

Calculation methods - Measurement standards EN14511:2007, EN12102

Contact details

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