

**Climate 5000 MS**

CL5000MS 18-1 CAS

7733600521

The information provided fulfills the requirements of regulations (EU) 206/2012 and (EU) 626/2011.

Productdata	Symbol	Unit	7733600521
model identifier of the indoor elements of the air conditioner			7733700010
model identifier of the outdoor element of the air conditioner			8733500816
Sound power level inside cooling mode	L <sub>WA</sub>	dB	56
Sound power level outside cooling mode	L <sub>WA</sub>	dB	63
Sound power level inside heating mode	L <sub>WA</sub>	dB	56
Sound power level outside heating mode	L <sub>WA</sub>	dB	63
Refrigerant type			R32
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 675 kgCO <sub>2</sub> eq. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO <sub>2</sub> , 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.			
Seasonal energy efficiency ratio	SEER		6,1
Efficiency class cooling			A++
Energy consumption 304 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.			
Design load P <sub>designc</sub>	P <sub>designc</sub>	kW	5,3
SCOP/A average climate	SCOP/A		4,0
Efficiency class heating average climate			A+
Energy consumption 1470 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.			
Heating season average			Yes
Heating season warmer			No
Heating season colder			No
Design load average climate	P <sub>designh</sub>	kW	4,2
Declared capacity at reference design conditions		kW	3,9
Back up heating capacity at reference design conditions		kW	0,3
Cooling			Yes
Heating			Yes
Heating season average			Yes
Declared capacity for cooling at indoor 27(19) °C and outdoor 35 °C	P <sub>dc</sub>	kW	5,3
Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C	P <sub>dc</sub>	kW	3,7
Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C	P <sub>dc</sub>	kW	2,4
Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C	P <sub>dc</sub>	kW	1,3
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C	EER <sub>d</sub>		3,0
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C	EER <sub>d</sub>		4,4
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C	EER <sub>d</sub>		7,1
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C	EER <sub>d</sub>		12,1
Declared capacity for heating (average season) at indoor 20 °C outdoor -7 °C	P <sub>dh</sub>	kW	3,7
Declared capacity for heating (average season) at indoor 20 °C outdoor 2 °C	P <sub>dh</sub>	kW	2,4
Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C	P <sub>dh</sub>	kW	1,5
Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C	P <sub>dh</sub>	kW	1,5
Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature	P <sub>dh</sub>	kW	3,7
Declared capacity for heating (average season) at indoor 20 °C outdoor operating limit	P <sub>dh</sub>	kW	3,9
Declared coefficient of performance (average season) at indoor 20 °C outdoor -7 °C	COP <sub>d</sub>		2,7

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Productdata	Symbol	Unit	7733600521
Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C	COPd		4,0
Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C	COPd		5,0
Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C	COPd		6,1
Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature	COPd		2,7
Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit	COPd		2,5
Bivalent temperature heating - average	Tbiv	°C	-7
Operational limit temperature heating - average	Tol	°C	-15
Cycling interval capacity for cooling	Pcycc	kW	-
Cycling interval capacity for heating	Pcyhc	kW	-
Degradation co-efficient cooling	Cdc		0,3
Cycling interval efficiency for cooling	EERcyc		-
Cycling interval efficiency for heating	COPcyc		-
Degradation co-efficient heating	Cdh		0,3
Electric power modes other than active mode: off mode	P <sub>OFF</sub>	kW	0,0
Electric power modes other than active mode: standby mode	P <sub>SB</sub>	kW	0,0
Electric power modes other than active mode: thermostat-off mode	P <sub>TO</sub>	kW	0,0
Electric power modes other than active mode: crankcase heater mode	P <sub>CK</sub>	kW	-
Capacity control: fixed			No
Capacity control: staged			No
Capacity control: variable			Yes
Rated air flow indoor		m <sup>3</sup> /h	720
Rated air flow outdoor		m <sup>3</sup> /h	2000