



# ENERG

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Climate 5000 VRF

MDCI 8-1

7739835416



## BOSCH

7739835416 / 7733701830, 7733701832, 8733500375 (2x), 8733500376 (1x)

SEER



A+++

A++

A+

A

B

C

D

A

kW 7,2

SEER 5,2

kWh/annum 485

SCOP



A+++

A++

A+

A

B

C

D

A++

A

kW 5,4

SCOP 4,6

kWh/annum 1645

5,4

3,8

1989

X

X

X



60 dB



69 dB



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626/2011

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To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 206/2012 and (EU) 626/2011.

Productdata	Symbol	Unit	7739835416
model identifier of the indoor elements of the air conditioner			7733701830
model identifier of the indoor elements of the air conditioner			7733701832
model identifier of the indoor elements of the air conditioner			8733500375 (2x)
model identifier of the indoor elements of the air conditioner			8733500376 (1x)
model identifier of the outdoor element of the air conditioner			7739835416
Indoor sound power level in cooling mode	L <sub>WA</sub>	dB	60
Sound power level outdoors in cooling mode	L <sub>WA</sub>	dB	69
Indoor sound power level in heating mode	L <sub>WA</sub>	dB	60
Sound power level outdoors in heating mode	L <sub>WA</sub>	dB	69
Refrigerant type			R410A
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 2088 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 2088 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		5,2
Efficiency class cooling			A
Energy consumption 485 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	7,2
SCOP/A average climate	SCOP/A		3,8
Efficiency class heating average climate			A
Energy consumption 1989 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			Yes
Heating season colder			No
Design load average climate	P <sub>designh</sub>	kW	5,4
Declared capacity at reference design conditions		kW	5,4
Back up heating capacity at reference design conditions		kW	0,0
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	7,2
Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C	P <sub>dc</sub>	kW	5,3
Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C	P <sub>dc</sub>	kW	3,4
Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C	P <sub>dc</sub>	kW	3,5
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C	EERd		3,3
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C	EERd		5,3
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C	EERd		7,8
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C	EERd		10,2
Declared capacity for heating (average season) at indoor 20 °C outdoor -7 °C	P <sub>dh</sub>	kW	4,8
Declared capacity for heating (average season) at indoor 20 °C outdoor 2 °C	P <sub>dh</sub>	kW	2,9
Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C	P <sub>dh</sub>	kW	2,1
Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C	P <sub>dh</sub>	kW	2,7

Data at the time of printing. Latest version available on the Internet.

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Productdata	Symbol	Unit	7739835416
Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature	P <sub>dh</sub>	kW	5,4
Declared capacity for heating (average season)) at indoor 20 °C outdoor operating limit	P <sub>dh</sub>	kW	5,4
Declared coefficient of performance (average season) at indoor 20 °C outdoor -7 °C	COP <sub>d</sub>		2,6
Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C	COP <sub>d</sub>		3,7
Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C	COP <sub>d</sub>		4,9
Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C	COP <sub>d</sub>		6,5
Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature	COP <sub>d</sub>		2,3
Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit	COP <sub>d</sub>		2,3
Bivalent temperature heating - average	T <sub>biv</sub>	°C	-10
Operational limit temperature heating - average	T <sub>ol</sub>	°C	-10
Cycling interval capacity for cooling	P <sub>cycc</sub>	kW	-
Cycling interval capacity for heating	P <sub>cyh</sub>	kW	-
Degradation co-efficient cooling	C <sub>dc</sub>		0,3
Cycling interval efficiency for cooling	EER <sub>cycc</sub>		-
Cycling interval efficiency for heating	COP <sub>cyh</sub>		-
Degradation co-efficient heating	C <sub>dh</sub>		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	0,0
Capacity control: fixed			No
Capacity control: staged			No
Capacity control: variable			Yes
Rated air flow indoor		m <sup>3</sup> /h	1500
Rated air flow outdoor		m <sup>3</sup> /h	5500