BOSCH

Air Flux 5300 A

AF5300A 56 C-3

8733500308

To the extent applicable to the product, the following data are based on the requirements of Regulation (EU) 2016/2281.

Productdata	Symbol	Unit	8733500308
Information for air-to-air air conditioners (usage of this product for cooling purposes, table 11)			
model identifier of the indoor elements of the air conditioner			7733700964 (8x)
model identifier of the outdoor element of the air conditioner			8733500308
Outdoor side heat exchanger of air conditioner		air	
Indoor side heat exchanger of air conditioner		air	
Type		vapour compression	
Driver of compressor		electric motor	
Rated cooling capaciy	$P_{rated,c}$	kW	56,0
Design load Pdesignc	Pdesignc	kW	56,0
Seasonal space cooling energy efficiency	$\eta_{s,c}$	%	212,3
Seasonal energy efficieny ratio	SEER		5,4
Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19°C (dry/wet bulb)			
Declared capacity for cooling at indoor 27(19) °C and outdoor 35 °C	Pdc	kW	56,0
Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C	Pdc	kW	41,3
Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C	Pdc	kW	26,7
Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C	Pdc	kW	11,8
Degradation co-efficient cooling	Cdc		0,3
Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor Temperatures Tj			
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C	EERd		1,9
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C	EERd		3,9
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C	EERd		6,1
Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C	EERd		12,8
Power consumption in modes other than active mode			
Off mode	P_{OFF}	kW	0,050
Thermostat-off mode	P_{TO}	kW	0,005
Crankcase heater mode	P_{CK}	kW	0,005
In standby mode	P_{SB}	kW	0,050
Other items			
Capacity control			variable
Sound power level, outdoor	L_{WA}	dB	89,0
Sound power level, indoor	L_{WA}	dB	-
Air flow rate, outdoor measured	m^3/h	m^3/h	17000
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 $kgCO_{2\,eq}$. 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_2, 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.			

BOSCH

Air Flux 5300 A

AF5300A 56 C-3

8733500308

To the extent applicable to the product, the following data are based on the requirements of Regulation (EU) 2016/2281.

Productdata	Symbol	Unit	8733500308
Information for heat pumps (usage of this product for heating purposes, table 14)			
Outdoor side heat exchanger of air conditioner		air	
Indoor side heat exchanger of air conditioner		air	
Equipped with a supplementary heater?		No	
Driver of compressor		electric motor	
Rated heating capacity	$P_{rated,h}$	kW	56,0
Design load average climate	Pdesignh	kW	30,8
Seasonal space heating energy efficiency	$\eta_{s,h}$	%	173,2
SCOP/A average climate	SCOP/A		4,4
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperature Tj			
Declared capacity for heating (average season) at indoor 20 °C outdoor -7 °C	Pdh	kW	27,6
Declared capacity for heating (average season)) at indoor 20 °C outdoor 2 °C	Pdh	kW	17,0
Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C	Pdh	kW	10,9
Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C	Pdh	kW	5,2
Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature	Pdh	kW	30,8
Declared capacity for heating (average season)) at indoor 20 °C outdoor operating limit	Pdh	kW	30,8
Bivalent temperature heating - average	Tbiv	°C	-10
Operational limit temperature heating - average	Tol	°C	-10
Degradation co-efficient heating	Cdh		0,3
Declared coefficient of performance for part load at given outdoor temperatures Tj			
Declared coefficient of performance (average season) at indoor 20 °C outdoor -7 °C	COPd		2,6
Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C	COPd		3,9
Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C	COPd		7,3
Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C	COPd		8,6
Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature	COPd		2,0
Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit	COPd		2,0
Power consumption in modes other than active mode			
In off mode	P_{OFF}	kW	0,050
In thermostat-off mode	P_{TO}	kW	0,050
In crankcase heater mode	P_{CK}	kW	0,005
In standby mode	P_{SB}	kW	0,050
Supplementary heater			
Back up heating capacity at reference design conditions		kW	0,0
Type of energy input			-
Other items			
Capacity control			variable
Sound power level, outdoor	L_{WA}	dB	89,0
Sound power level, indoor	L_{WA}	dB	-
Emissions of nitrogen oxides (only gas- or oil fired)	NO_x	mg/kWh	-
Air flow rate, outdoor measured	m^3/h	m^3/h	17000

BOSCH

Air Flux 5300 A

AF5300A 56 C-3

8733500308

Productdata	Symbol	Unit	8733500308
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 kg$CO_{2\,eq}$. 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_2, 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.			