BOSCH

Compress 7000i AW

CS7001iAW 7 OR-S

8738210256

To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 811/2013 and (EU) 813/2013.

Productdata	Symbol	Unit	8738210256
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A+++
Rated heat output (average climate conditions)	Prated	kW	5
Rated heat output (low temperature application, average climate conditions)	Prated	kW	5
Seasonal space heating energy efficiency (average climate conditions)	η_S	%	144
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_S	%	203
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	2561
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	2176
Annual energy consumption	Q_{HE}	GJ	-
Sound power level, indoors	L_{WA}	dB	29
Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents			
Rated heat output (colder climate conditions)	Prated	kW	5
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	5
Rated heat output (warmer climate conditions)	Prated	kW	6
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	6
Seasonal space heating energy efficiency (colder climate conditions)	η_S	%	131
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_S	%	179
Seasonal space heating energy efficiency (warmer climate conditions)	η_S	%	178
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_S	%	267
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	3551
Annual energy consumption (colder climate)	Q_{HE}	GJ	-
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	1653
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	2761
Annual energy consumption (warmer climate)	Q_{HE}	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	1241
Sound power level, outdoors	L_{WA}	dB	47
Air-to-water heat pump			Yes
Water-to-water heat pump			No
Brine-to-water heat pump			No
Low temperature heat pump			No
Equipped with a supplementary heater?			Yes
Heat pump combination heater			No
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C (average climate conditions)	Pdh	kW	4,3
Tj = + 2 °C (average climate conditions)	Pdh	kW	2,6
Tj = + 7 °C (average climate conditions)	Pdh	kW	2,1
Tj = + 12 °C (average climate conditions)	Pdh	kW	2,6
Tj = bivalent temperature (average climate conditions)	Pdh	kW	4,6
Tj = operation limit temperature	Pdh	kW	3,4
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	Pdh	kW	3,9
Bivalent temperature (average climate conditions)	T_{biv}	°C	-10
Cycling interval capacity for heating (average climate conditions)	Pcych	kW	-
Degradation coefficient			-

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Productdata	Symbol	Unit	8738210256
Degradation co-efficient (average climate conditions)	Cdh		0,9
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj /			
Tj = - 7 °C (average climate conditions)	COPd		2,25
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,68
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,70
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		6,20
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,90
Tj = bivalent temperature	PERd	%	-
Tj = operation limit temperature	COPd		1,65
Tj = operation limit temperature	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COPd		1,97
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	PERd	%	-
For air-to-water heat pumps: Operation limit temperature	TOL	°C	-19
Cycling interval efficiency (average climate conditions)	COPcyc		-
Cycling interval efficiency	PERcyc	%	-
Heating water operating limit temperature	WTOL	°C	60
Power consumption in modes other than active mode			
Off mode	P_{OFF}	kW	0,022
Thermostat-off mode	P_{TO}	kW	0,000
In standby mode	P_{SB}	kW	0,022
Crankcase heater mode	P_{CK}	kW	0,004
Supplementary heater			
Rated heat output supplementary heater	Psup	kW	0,0
Type of energy input			Electric
Other items			
Capacity control			variable
Emissions of nitrogen oxides (only gas- or oil fired)	NO_x	mg/kWh	-
For air-to-water heat pumps: Rated air flow rate, outdoors		m^3/h	2900
For brine-to-water heat pumps: Rated brine flow rate, outdoor heat exchanger		m^3/h	-

Further important information for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.