

Compress 7000i AW

CS7001iAW 17 OR-T

7738601998

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	7738601998
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A+++
Rated heat output (average climate conditions)	Prated	kW	10
Rated heat output (low temperature application, average climate conditions)	Prated	kW	12
Seasonal space heating energy efficiency (average climate conditions)	η_s	%	142
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_s	%	191
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	5716
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	5113
Annual energy consumption	Q_{HE}	GJ	-
Sound power level, indoors	L_{WA}	dB	41
Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents			
Rated heat output (colder climate conditions)	Prated	kW	9
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	10
Rated heat output (warmer climate conditions)	Prated	kW	13
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	14
Seasonal space heating energy efficiency (colder climate conditions)	η_s	%	123
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_s	%	161
Seasonal space heating energy efficiency (warmer climate conditions)	η_s	%	171
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_s	%	244
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	7114
Annual energy consumption (colder climate)	Q_{HE}	GJ	-
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	3833
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	5997
Annual energy consumption (warmer climate)	Q_{HE}	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	3097
Sound power level, outdoors	L_{WA}	dB	53
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	9,5
Tj = + 2 °C (average climate conditions)	Pdh	kW	5,6
Tj = + 7 °C (average climate conditions)	Pdh	kW	5,1
Tj = + 12 °C (average climate conditions)	Pdh	kW	6,0
Tj = bivalent temperature (average climate conditions)	Pdh	kW	10,1
Tj = operation limit temperature (average climate conditions)	Pdh	kW	10,1
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)	Pdh	kW	7,1
Bivalent temperature (average climate conditions)	T_{biv}	°C	-10
Cycling interval capacity for heating (average climate conditions)	Pcych	kW	-
Degradation coefficient			-

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

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Degradation co-efficient (average climate conditions)	Cdh		1,0
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		3,64
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,49
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		5,79
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,90
Tj = bivalent temperature (average climate conditions)	PERd	%	-
Tj = operation limit temperature (average climate conditions)	COPd		1,90
Tj = operation limit temperature (average climate conditions)	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)	COPd		1,96
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)	PERd	%	-
For air-to-water heat pumps: Operation limit temperature	TOL	°C	-18
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	0,024
Thermostat-off mode	P _{TO}	kW	0,017
In standby mode	P _{SB}	kW	0,024
Crankcase heater mode	P _{CK}	kW	0,011
Supplementary heater			
Rated heat output supplementary heater	P _{sup}	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	5600
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.