

**Compress 7000i AW**

CS7001iAW 13 OR-S

7738602089

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	7738602089
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A+++
Rated heat output (average climate conditions)	Prated	kW	9
Rated heat output (low temperature application, average climate conditions)	Prated	kW	10
Seasonal space heating energy efficiency (average climate conditions)	$\eta_s$	%	139
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	$\eta_s$	%	186
Annual energy consumption (average climate conditions)	$Q_{HE}$	kWh	5011
Annual energy consumption (low temperature application, average climate conditions)	$Q_{HE}$	kWh	4540
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	11
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	10
Rated heat output (warmer climate conditions)	Prated	kW	10
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	12
Seasonal space heating energy efficiency (colder climate conditions)	$\eta_s$	%	121
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	$\eta_s$	%	165
Seasonal space heating energy efficiency (warmer climate conditions)	$\eta_s$	%	167
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	$\eta_s$	%	229
Annual energy consumption (colder climate conditions)	$Q_{HE}$	kWh	8407
Annual energy consumption (colder climate)	$Q_{HE}$	GJ	-
Annual energy consumption (warmer climate conditions)	$Q_{HE}$	kWh	3152
Annual energy consumption (low temperature application, colder climate conditions)	$Q_{HE}$	kWh	5764
Annual energy consumption (warmer climate)	$Q_{HE}$	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	$Q_{HE}$	kWh	2791
Sound power level, outdoors	$L_{WA}$	dB	55
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
<b>Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = - 7 °C (average climate conditions)	Pdh	kW	7,7
Tj = + 2 °C (average climate conditions)	Pdh	kW	4,5
Tj = + 7 °C (average climate conditions)	Pdh	kW	5,2
Tj = + 12 °C (average climate conditions)	Pdh	kW	6,2
Tj = bivalent temperature (average climate conditions)	Pdh	kW	8,6
Tj = operation limit temperature (average climate conditions)	Pdh	kW	8,6
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)	Pdh	kW	8,7
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
<b>Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj/</b>			
Tj = - 7 °C (average climate conditions)	COPd		2,28
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,53
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,41
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		5,75
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,89
Tj = bivalent temperature (average climate conditions)	PERd	%	-
Tj = operation limit temperature (average climate conditions)	COPd		1,89
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		1,83
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	-17
Cycling interval efficiency (average climate conditions)	COPcyc		-
Cycling interval efficiency	PERcyc	%	-
Heating water operating limit temperature	WTOL	°C	60
<b>Power consumption in modes other than active mode</b>			
Off mode	P <sub>OFF</sub>	kW	0,023
Thermostat-off mode	P <sub>TO</sub>	kW	0,000
In standby mode	P <sub>SB</sub>	kW	0,023
Crankcase heater mode	P <sub>CK</sub>	kW	0,012
<b>Supplementary heater</b>			
Rated heat output supplementary heater	P <sub>sup</sub>	kW	0,0
Type of energy input			Electric
<b>Other items</b>			
Capacity control			variable
Emissions of nitrogen oxides (only gas- or oil fired)	NO <sub>x</sub>	mg/kWh	-
For air-to-water heat pumps: Rated air flow rate, outdoors		m <sup>3</sup> /h	4200
For brine-to-water heat pumps: Rated brine flow rate, outdoor heat exchanger		m <sup>3</sup> /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.