

Compress 7400i AW

CS7400iAW 5 OR

7738602075

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	7738602075
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A+++
Rated heat output (average climate conditions)	Prated	kW	4
Rated heat output (low temperature application, average climate conditions)	Prated	kW	5
Seasonal space heating energy efficiency (average climate conditions)	η_s	%	133
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_s	%	196
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	2721
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	1971
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	4
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	4
Rated heat output (warmer climate conditions)	Prated	kW	5
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	6
Seasonal space heating energy efficiency (colder climate conditions)	η_s	%	118
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_s	%	168
Seasonal space heating energy efficiency (warmer climate conditions)	η_s	%	165
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_s	%	242
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	3250
Annual energy consumption (colder climate)	Q_{HE}	GJ	-
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	1723
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	2480
Annual energy consumption (warmer climate)	Q_{HE}	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	1199
Sound power level, outdoors	L_{WA}	dB	50
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	3,9
Tj = + 2 °C (average climate conditions)	Pdh	kW	2,4
Tj = + 7 °C (average climate conditions)	Pdh	kW	2,1
Tj = + 12 °C (average climate conditions)	Pdh	kW	2,5
Tj = bivalent temperature (average climate conditions)	Pdh	kW	4,5
Tj = operation limit temperature	Pdh	kW	3,4
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	Pdh	kW	3,5
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		2,11
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,36
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		5,76
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,82
Tj = bivalent temperature	PERd	%	-
Tj = operation limit temperature	COPd		1,56
Tj = operation limit temperature	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COPd		1,64
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	-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	0,017
Thermostat-off mode	P _{TO}	kW	0,005
In standby mode	P _{SB}	kW	0,017
Crankcase heater mode	P _{CK}	kW	0,000
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	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.