

**Condens Hybrid 7000i AW**

CS7001iAW 17 0 TH

7736606982

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	7736606982
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A++
Rated heat output (average climate conditions)	Prated	kW	14
Rated heat output (low temperature application, average climate conditions)	Prated	kW	15
Seasonal space heating energy efficiency (average climate conditions)	$\eta_s$	%	131
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	$\eta_s$	%	172
Annual energy consumption (average climate conditions)	$Q_{HE}$	kWh	8513
Annual energy consumption (low temperature application, average climate conditions)	$Q_{HE}$	kWh	6880
Annual energy consumption	$Q_{HE}$	GJ	-
Sound power level, indoors	$L_{WA}$	dB	37
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	12
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	14
Seasonal space heating energy efficiency (colder climate conditions)	$\eta_s$	%	119
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	$\eta_s$	%	152
Seasonal space heating energy efficiency (warmer climate conditions)	$\eta_s$	%	136
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	$\eta_s$	%	202
Annual energy consumption (colder climate conditions)	$Q_{HE}$	kWh	7367
Annual energy consumption (colder climate)	$Q_{HE}$	GJ	-
Annual energy consumption (warmer climate conditions)	$Q_{HE}$	kWh	4817
Annual energy consumption (low temperature application, colder climate conditions)	$Q_{HE}$	kWh	6360
Annual energy consumption (warmer climate)	$Q_{HE}$	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	$Q_{HE}$	kWh	3726
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
<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	12,1
Tj = + 2 °C (average climate conditions)	Pdh	kW	7,6
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	4,9
Tj = operation limit temperature (average climate conditions)	Pdh	kW	9,8
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	-7
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		1,97
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,41
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,83
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		5,87
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,91
Tj = bivalent temperature (average climate conditions)	PERd	%	-
Tj = operation limit temperature (average climate conditions)	COPd		1,79
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		1,88
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
<b>Power consumption in modes other than active mode</b>			
Off mode	P <sub>OFF</sub>	kW	0,010
Thermostat-off mode	P <sub>TO</sub>	kW	0,021
In standby mode	P <sub>SB</sub>	kW	0,021
Crankcase heater mode	P <sub>CK</sub>	kW	0,069
<b>Supplementary heater</b>			
Rated heat output supplementary heater	P <sub>sup</sub>	kW	4,0
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	5600
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.