

Compress 3000 AWS

ODU12T

8738202765

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	8738202765
Energy Efficiency Class			A++
Energy efficiency class (low temperature application)			A+
Rated heat output (average climate conditions)	Prated	kW	12
Rated heat output (low temperature application, average climate conditions)	Prated	kW	12
Seasonal space heating energy efficiency (average climate conditions)	η_s	%	125
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_s	%	144
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	7465
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	6452
Annual energy consumption	Q_{HE}	GJ	-
Sound power level, indoors	L_{WA}	dB	46
Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents			
Rated heat output (colder climate conditions)	Prated	kW	12
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	12
Rated heat output (warmer climate conditions)	Prated	kW	12
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	12
Seasonal space heating energy efficiency (colder climate conditions)	η_s	%	105
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_s	%	126
Seasonal space heating energy efficiency (warmer climate conditions)	η_s	%	149
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_s	%	163
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	10588
Annual energy consumption (colder climate)	Q_{HE}	GJ	-
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	4047
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	8867
Annual energy consumption (warmer climate)	Q_{HE}	GJ	-
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	3787
Sound power level, outdoors	L_{WA}	dB	68
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?			No
Heat pump combination heater			No
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$ (average climate conditions)	Pdh	kW	10,1
$T_j = +2\text{ °C}$ (average climate conditions)	Pdh	kW	6,2
$T_j = +7\text{ °C}$ (average climate conditions)	Pdh	kW	4,1
$T_j = +12\text{ °C}$ (average climate conditions)	Pdh	kW	3,1
$T_j = \text{bivalent temperature}$ (average climate conditions)	Pdh	kW	11,5
$T_j = \text{operation limit temperature}$	Pdh	kW	11,6
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	Pdh	kW	9,5
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		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		1,71
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,35
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,61
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		4,81
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,31
Tj = bivalent temperature	PERd	%	-
Tj = operation limit temperature	COPd		1,11
Tj = operation limit temperature	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COPd		1,11
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	-20
Cycling interval efficiency (average climate conditions)	COPcyc		-
Cycling interval efficiency	PERcyc	%	-
Heating water operating limit temperature	WTOL	°C	58
Power consumption in modes other than active mode			
Off mode	P _{OFF}	kW	0,017
Thermostat-off mode	P _{TO}	kW	0,017
In standby mode	P _{SB}	kW	0,017
Crankcase heater mode	P _{CK}	kW	0,030
Supplementary heater			
Rated heat output supplementary heater	P _{sup}	kW	1,0
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	5200
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.