

Compress

ODU11s

8738202762

The information provided fulfills the requirements of regulations (EU) 811/2013 and (EU) 813/2013.

Productdata	Symbol	Unit	8738202762
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
Rated heat output (average climate conditions)	Prated	kW	11
Rated heat output (colder climate conditions)	Prated	kW	11
Rated heat output (warmer climate conditions)	Prated	kW	11
Rated heat output (low temperature application, average climate conditions)	Prated	kW	11
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	11
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	12
Seasonal space heating energy efficiency (average climate conditions)	η_s	%	122
Seasonal space heating energy efficiency (colder climate conditions)	η_s	%	100
Seasonal space heating energy efficiency (warmer climate conditions)	η_s	%	147
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_s	%	142
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_s	%	122
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_s	%	164
Energy Efficiency Class			A+
Energy efficiency class (low temperature application)			A+
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C (average climate conditions)	Pdh	kW	9,3
Tj = - 7 °C (low temperature application, average climate conditions)	Pdh	kW	9,3
Tj = + 2 °C (average climate conditions)	Pdh	kW	5,7
Tj = + 2 °C (low temperature application, average climate conditions)	Pdh	kW	5,7
Tj = + 7 °C (average climate conditions)	Pdh	kW	3,7
Tj = + 7 °C (low temperature application, average climate conditions)	Pdh	kW	3,7
Tj = + 12 °C (average climate conditions)	Pdh	kW	2,8
Tj = + 12 °C (low temperature application, average climate conditions)	Pdh	kW	2,8
Tj = bivalent temperature (average climate conditions)	Pdh	kW	10,5
Tj = bivalent temperature (low temperature application, average climate conditions)	Pdh	kW	10,5
For air-to-water heat pumps: Tj = operation limit temperature	Pdh	kW	11,1
For air-to-water heat pumps: Tj = operation limit temperature (low temperature)	Pdh	kW	11,1
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	Pdh	kW	9,1
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (low temperature application)	Pdh	kW	9,1
Bivalent temperature (average climate conditions)	T _{biv}	°C	-10
Bivalent temperature (warmer climate conditions)	T _{biv}	°C	2
Bivalent temperature (low temperature application, average climate conditions)	T _{biv}	°C	-10
Cycling interval capacity for heating (average climate conditions)	P _{cyh}	kW	-
Cycling interval capacity for heating (low temperature application, average climate conditions)	P _{cyh}	kW	-
Degradation coefficient			-
Degradation co-efficient Tj = - 7 °C	Cdh		0,9

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Productdata	Symbol	Unit	8738202762
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		1,61
Tj = - 7 °C (low temperature application, average climate conditions)	COPd		2,45
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,31
Tj = + 2 °C (low temperature application, average climate conditions)	COPd		3,71
Tj = + 2 °C (average climate conditions)	PERd	%	-
Tj = + 7 °C (average climate conditions)	COPd		4,71
Tj = + 7 °C (low temperature application, average climate conditions)	COPd		4,81
Tj = + 7 °C (average climate conditions)	PERd	%	-
Tj = + 12 °C (average climate conditions)	COPd		4,91
Tj = + 12 °C (low temperature application, average climate conditions)	COPd		4,95
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		1,31
Tj = bivalent temperature (low temperature application, average climate conditions)	COPd		2,31
Tj = bivalent temperature	PERd	%	-
Tj = operation limit temperature	COPd		1,11
Tj = operation limit temperature (low temperature application)	COPd		1,55
Tj = operation limit temperature	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COPd		1,15
For air-to-water heat pumps: Tj = - 15 °C (if operating temperature limit < - 20 °C) (low temperature application)	COPd		1,65
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
For air-to-water heat pumps: Operation limit temperature (low temperature application)			-
Cycling interval efficiency (average climate conditions)	COPcyc		-
Cycling interval efficiency (colder climate conditions)	COPcyc		-
Cycling interval efficiency (warmer climate conditions)	COPcyc		-
Cycling interval efficiency (low temperature application, average climate conditions)	COPcyc		-
Cycling interval efficiency (low temperature application, colder climate conditions)	COPcyc		-
Cycling interval efficiency (low temperature application, warmer 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	P _{sup}	kW	0,0
Rated heat output (low temperature application, average climate conditions)	P _{sup}	kW	0,3
Type of energy input			Electric
Other items			
Capacity control			variable
Sound power level, indoors	L _{WA}	dB	46

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Productdata	Symbol	Unit	8738202762
Sound power level, outdoors	L_{WA}	dB	67
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	6902
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	10619
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	3916
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	5966
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	8649
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	3671
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	4000
For air-to-water heat pumps: Rated air flow rate, outdoors (low temperature application)		m ³ /h	4000
For brine-to-water heat pumps: Rated brine flow rate, outdoor heat exchanger		m ³ /h	-
For brine-to-water heat pumps: Rated brine flow rate, outdoor heat exchanger (low temperature application)		m ³ /h	-
Daily fuel consumption	Q_{fuel}	kWh	-
Annual fuel consumption	AFC	GJ	-

Specific precautions 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.