

Compress

ODU10

8738202761

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

Productdata	Symbol	Unit	8738202761
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	8
Rated heat output (colder climate conditions)	Prated	kW	9
Rated heat output (warmer climate conditions)	Prated	kW	10
Rated heat output (low temperature application, average climate conditions)	Prated	kW	8
Rated heat output (low temperature application, colder climate conditions)	Prated	kW	9
Rated heat output (low temperature application, warmer climate conditions)	Prated	kW	10
Seasonal space heating energy efficiency (average climate conditions)	η_s	%	121
Seasonal space heating energy efficiency (colder climate conditions)	η_s	%	106
Seasonal space heating energy efficiency (warmer climate conditions)	η_s	%	151
Seasonal space heating energy efficiency (low temperature application, average climate conditions)	η_s	%	144
Seasonal space heating energy efficiency (low temperature application, colder climate conditions)	η_s	%	126
Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)	η_s	%	165
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	7,3
Tj = - 7 °C (low temperature application, average climate conditions)	Pdh	kW	7,3
Tj = + 2 °C (average climate conditions)	Pdh	kW	4,5
Tj = + 2 °C (low temperature application, average climate conditions)	Pdh	kW	4,5
Tj = + 7 °C (average climate conditions)	Pdh	kW	2,9
Tj = + 7 °C (low temperature application, average climate conditions)	Pdh	kW	2,9
Tj = + 12 °C (average climate conditions)	Pdh	kW	2,5
Tj = + 12 °C (low temperature application, average climate conditions)	Pdh	kW	2,5
Tj = bivalent temperature (average climate conditions)	Pdh	kW	8,3
Tj = bivalent temperature (low temperature application, average climate conditions)	Pdh	kW	8,3
For air-to-water heat pumps: Tj = operation limit temperature	Pdh	kW	9,1
For air-to-water heat pumps: Tj = operation limit temperature (low temperature)	Pdh	kW	9,1
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	Pdh	kW	7,4
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (low temperature application)	Pdh	kW	7,4
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

Compress

ODU10

8738202761

Productdata	Symbol	Unit	8738202761
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 (low temperature application, average climate conditions)	COPd		2,51
Tj = - 7 °C (average climate conditions)	PERd	%	-
Tj = + 2 °C (average climate conditions)	COPd		3,41
Tj = + 2 °C (low temperature application, average climate conditions)	COPd		3,81
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		4,91
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		5,01
Tj = + 12 °C (average climate conditions)	PERd	%	-
Tj = bivalent temperature (average climate conditions)	COPd		2,01
Tj = bivalent temperature (low temperature application, average climate conditions)	COPd		2,35
Tj = bivalent temperature	PERd	%	-
Tj = operation limit temperature	COPd		1,15
Tj = operation limit temperature (low temperature application)	COPd		1,61
Tj = operation limit temperature	PERd	%	-
For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COPd		1,21
For air-to-water heat pumps: Tj = - 15 °C (if operating temperature limit < - 20 °C) (low temperature application)	COPd		1,75
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	1,0
Rated heat output (low temperature application, average climate conditions)	P _{sup}	kW	1,1
Type of energy input			Electric
Other items			
Capacity control			variable
Sound power level, indoors	L _{WA}	dB	46

Compress

ODU10

8738202761

Productdata	Symbol	Unit	8738202761
Sound power level, outdoors	L_{WA}	dB	66
Annual energy consumption (average climate conditions)	Q_{HE}	kWh	5363
Annual energy consumption (colder climate conditions)	Q_{HE}	kWh	8212
Annual energy consumption (warmer climate conditions)	Q_{HE}	kWh	3466
Annual energy consumption (low temperature application, average climate conditions)	Q_{HE}	kWh	4657
Annual energy consumption (low temperature application, colder climate conditions)	Q_{HE}	kWh	6858
Annual energy consumption (low temperature application, warmer climate conditions)	Q_{HE}	kWh	3181
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	3400
For air-to-water heat pumps: Rated air flow rate, outdoors (low temperature application)		m ³ /h	3400
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.