

Compress

ODU Split 8

8738206021

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 | 8738206021 |
|--|-----------|------|------------|
| Energy Efficiency Class | | | A++ |
| Energy efficiency class (low temperature application) | | | A+++ |
| Rated heat output (average climate conditions) | Prated | kW | 5 |
| Rated heat output (low temperature application, average climate conditions) | Prated | kW | 7 |
| Seasonal space heating energy efficiency (average climate conditions) | η_s | % | 132 |
| Seasonal space heating energy efficiency (low temperature application, average climate conditions) | η_s | % | 188 |
| Annual energy consumption (average climate conditions) | Q_{HE} | kWh | 3191 |
| Annual energy consumption (low temperature application, average climate conditions) | Q_{HE} | kWh | 3217 |
| Annual energy consumption | Q_{HE} | GJ | - |
| Sound power level, indoors | L_{WA} | dB | 41 |
| Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents | | | |
| Rated heat output (colder climate conditions) | Prated | kW | 7 |
| Rated heat output (low temperature application, colder climate conditions) | Prated | kW | 7 |
| Rated heat output (warmer climate conditions) | Prated | kW | 6 |
| Rated heat output (low temperature application, warmer climate conditions) | Prated | kW | 7 |
| Seasonal space heating energy efficiency (colder climate conditions) | η_s | % | 121 |
| Seasonal space heating energy efficiency (low temperature application, colder climate conditions) | η_s | % | 156 |
| Seasonal space heating energy efficiency (warmer climate conditions) | η_s | % | 161 |
| Seasonal space heating energy efficiency (low temperature application, warmer climate conditions) | η_s | % | 228 |
| Annual energy consumption (colder climate conditions) | Q_{HE} | kWh | 5266 |
| Annual energy consumption (colder climate) | Q_{HE} | GJ | - |
| Annual energy consumption (warmer climate conditions) | Q_{HE} | kWh | 1984 |
| Annual energy consumption (low temperature application, colder climate conditions) | Q_{HE} | kWh | 4102 |
| Annual energy consumption (warmer climate) | Q_{HE} | GJ | - |
| Annual energy consumption (low temperature application, warmer climate conditions) | Q_{HE} | kWh | 1667 |
| Sound power level, outdoors | L_{WA} | dB | 65 |
| 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 | 4,6 |
| Tj = + 2 °C (average climate conditions) | Pdh | kW | 3,9 |
| Tj = + 7 °C (average climate conditions) | Pdh | kW | 3,5 |
| Tj = + 12 °C (average climate conditions) | Pdh | kW | 4,1 |
| Tj = bivalent temperature (average climate conditions) | Pdh | kW | 5,0 |
| Tj = operation limit temperature | Pdh | kW | 5,7 |
| For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) | Pdh | kW | 5,3 |
| Bivalent temperature (average climate conditions) | T_{biv} | °C | -9 |
| 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 | | 2,00 |
| Tj = - 7 °C (average climate conditions) | PERd | % | - |
| Tj = + 2 °C (average climate conditions) | COPd | | 3,42 |
| Tj = + 2 °C (average climate conditions) | PERd | % | - |
| Tj = + 7 °C (average climate conditions) | COPd | | 4,44 |
| 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 | | 1,33 |
| Tj = bivalent temperature | PERd | % | - |
| Tj = operation limit temperature | COPd | | 1,73 |
| Tj = operation limit temperature | PERd | % | - |
| For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) | COPd | | 1,90 |
| 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 | -17 |
| Cycling interval efficiency (average climate conditions) | COPcyc | | - |
| Cycling interval efficiency | PERcyc | % | - |
| Heating water operating limit temperature | WTOL | °C | 57 |
| Power consumption in modes other than active mode | | | |
| Off mode | P _{OFF} | kW | 0,013 |
| Thermostat-off mode | P _{TO} | kW | 0,000 |
| In standby mode | P _{SB} | kW | 0,013 |
| Crankcase heater mode | P _{CK} | kW | 0,017 |
| Supplementary heater | | | |
| Rated heat output supplementary heater | P _{sup} | kW | 5,2 |
| 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 | 3600 |
| 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.