# AMICUS LAHP-252LT PRODUCT FICHE

According regulations 811/2013 and 812/2013

## Model: LAHP-252LT

### Energy class
- A++

### Air-to-water heat pump
- Yes

### Low-temperature heat pump
- Yes

### Supplementary heater
- No

### Heat pump combination heater
- No

## Item | Symbol | Value | Units of measurement
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Rated heat output | Prated | 14.86 | [kW]
Tj = -7 [°C] | Pdh | 13.14 | [kW]
Tj = 2 [°C] | Pdh | 10.71 | [kW]
Tj = 7 [°C] | Pdh | 13.24 | [kW]
Tj = 12 [°C] | Pdh | 19.04 | [kW]
Tj = -7 [°C] | Pdh | 13.14 | [kW]
Tj = -9 [°C] | Pdh | 12.46 | [kW]
Tbivalent | Tbiv | -7 | [°C]
Cycling interval capacity for heating | Psych | - | [kW]
Degradation coefficient | Cdh | 0.9297 | [-]
Power consumption in off mode | Poff | 0.02 | [kW]
Power consumption in thermostat-off mode | Pto | 0.09634 | [kW]
Power consumption in standby mode | Psb | 0.02 | [kW]
Power consumption in crankcase heater mode | Pck | 0.07 | [kW]
Capacity control | Step |
Sound power level, indoor/outdoor measured | Lwa | 0/73 | [dB(A)]
Emissions of nitrogen oxides | NOx | 0 | [mg/kWh]
Seasonal space heating energy efficiency | ηs | 150.100 | [%]
Tj = -7 [°C] | COPd | 2.311 | [-]
Tj = 2 [°C] | COPd | 3.931 | [-]
Tj = 7 [°C] | COPd | 5.767 | [-]
Tj = 12 [°C] | COPd | 6.910 | [-]
Tj = -7 [°C] | COPd | 2.311 | [-]
Tj = -9 [°C] | COPd | 2.171 | [-]
Operation limit temperature | TOL | -16 | [°C]
Cycling interval efficiency | COPcyc | - | [-]
Heating water operating limit temperature | WTOL | 60 | [°C]
Air flow rate | 7363 | [m³/h]
Heating energy demand | 20859 | [kWh]
Total electrical consumption | 5449 | [kWh]
SCOP | 3.828 | [-]
Climatic condition | Average |

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