

AMICUS LAHP-302HT ERP DATA TABLE

according regulations 813/2013

| Model | LAHP-302HT | | |
|---|------------|-------|----------|
| 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 | | |
| Parameters are declared for medium temperature applications | 55°C | | |
| Parameters are declared for average climate conditions | | | |
| Item | Symbol | Value | Unit |
| Rated heat output | P rated | 23.6 | [kW] |
| Tj = -7 [°C] | Pdh | 20.9 | [kW] |
| Tj = 2 [°C] | Pdh | 12.7 | [kW] |
| Tj = 7 [°C] | Pdh | 8.21 | [kW] |
| Tj = 12 [°C] | Pdh | 3.65 | [kW] |
| Annual energy consumption | QHE | 175 | GJ |
| Bivalent temperature | Tbiv | -7 | °C |
| Power consumption in modes other than active | Poff | 0.02 | [kW] |
| | Pto | 0.02 | [kW] |
| | Psb | 0.02 | [kW] |
| | Pck | 0.08 | [kW] |
| Capacity control | Variable | | |
| Sound power level outdoors | Lwa | 70 | [dB(A)] |
| Emissions of nitrogen oxides | NOx | 0 | [mg/kWh] |
| Item | Symbol | Value | Unit |
| Seasonal space heating efficiency | ηs | 120 | [%] |
| Tj = -7 [°C] | COPd | 1.94 | [-] |
| Tj = 2 [°C] | COPd | 3.11 | [-] |
| Tj = 7 [°C] | COPd | 4 | [-] |
| Tj = 12 [°C] | COPd | 4.74 | [-] |
| Tj = -7 [°C] | COPd | 1.94 | [-] |
| Tj = -10 [°C] | COPd | 1.74 | [-] |
| Operating limit temperature | TOL | -20 | [°C] |
| Heating water operational limit | WTOL | 65 | [°C] |
| | | | |
| Supplementary heater rated output | Monovalent | | |
| Rated airflow outdoors | | 9319 | [m³/h] |

1. according commission delegated regulation (EU) No 813/2013

ErP data table_LAHP-302HT_february2016



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