

2 Specifications

1 - 1 RZAG-NY1

| Technical specifications | | | | FAA71B + RZAG71NY1 | FAA100B + RZAG71NY1 | FAA100B + RZAG100NY1 |
|--------------------------|-------------------------|-------|------|--------------------|---------------------|----------------------|
| Cooling capacity | Nom. | kW | | 6.80 (1) | | 9.50 (1) |
| Heating capacity | Nom. | kW | | 7.50 (2) | | 10.8 (2) |
| Space cooling | Energy efficiency class | | | A++ | | |
| | Capacity Pdesign | kW | | 6.80 | | 9.50 |
| | SEER | | 6.58 | 6.43 | | 6.42 |
| | | kWh/a | 362 | 370 | | 518 |

| Technical specifications | | | | FAA71B + RZAG71NY1 | FAA100B + RZAG71NY1 | FAA100B + RZAG100NY1 | |
|---|---|-----------------------------------|----------------------------|--------------------|---------------------|----------------------|-------|
| Space heating (Average climate) | Energy efficiency class | | | A+ | | | |
| | Capacity Pdesign | kW | | 4.70 | | 7.80 | |
| | SCOP/A | | 4.20 | 4.10 | | 4.01 | |
| | SCOPnet/A | | 4.20 | 4.10 | | 4.01 | |
| | Annual energy consumption | kWh/a | 1,567 | 1,605 | | 2,723 | |
| | Required back up heating cap at design conditions | kW | | 0.00 | | | |
| Space cooling | A Condi- tion (35°C - 27/19) | Pdc | kW | 6.80 | | 9.50 | |
| | | EERd | | 3.27 | 3.47 | 3.24 | |
| | B Condi- tion (30°C - 27/19) | Pdc | kW | 5.03 | | 7.03 | |
| | | EERd | | 4.54 | 5.22 | 4.86 | |
| | C Condi- tion (25°C - 27/19) | Pdc | kW | | | 1.45 | |
| | | EERd | | 1.11 | 0.96 | 1.45 | |
| | D Condi- tion (20°C - 27/19) | Pdc | kW | | | 3.43 | |
| | | EERd | | 3.22 | 3.20 | 4.46 | |
| | E Condi- tion (15°C - 27/19) | Pdc | kW | | | 0.57 | |
| | | EERd | | 9.30 | 7.90 | 7.86 | |
| | F Condi- tion (10°C - 27/19) | Pdc | kW | | | 0.34 | |
| | | EERd | | 0.35 | 0.40 | 0.57 | |
| Space heating (Average climate) | TOL | Tol (temperature operating limit) | °C | | | -10 | |
| | | Pdh (declared heating cap) | kW | 4.70 | | 7.80 | |
| | | COPd (declared COP) | | 2.51 | 2.74 | 2.19 | |
| | TBivalent | Tbiv (bivalent temperature) | °C | | | -10 | |
| | | Pdh (declared heating cap) | kW | 4.70 | | 7.80 | |
| | | COPd (declared COP) | | 2.51 | 2.74 | 2.19 | |
| | A Con- dition (-7°C) | Pdh (declared heating cap) | kW | 4.14 | | 6.86 | |
| | | COPd (declared COP) | | 2.91 | 3.07 | 2.53 | |
| | | Power input | kW | 1.42 | 1.35 | 2.71 | |
| | B Condi- tion (2°C) | Pdh (declared heating cap) | kW | 2.54 | | 4.21 | |
| | | COPd (declared COP) | | 4.20 | 4.11 | 3.94 | |
| | Space heating (Average climate) | C Condi- tion (7°C) | Power input | kW | 0.60 | 0.62 | 1.07 |
| | | | Pdh (declared heating cap) | kW | 1.76 | 1.79 | 2.73 |
| | | D Con- dition (12°C) | COPd (declared COP) | | 5.14 | 4.81 | 5.19 |
| | | | Power input | kW | 0.34 | 0.37 | 0.53 |
| | | E Condi- tion (17°C) | Pdh (declared heating cap) | kW | 1.96 | 2.02 | 2.47 |
| | | | COPd (declared COP) | | 6.09 | 5.94 | 6.61 |
| | Power consump- tion in other than active mode | Crank- case heater mode | Cooling PCK | kW | | | 0.000 |
| Heating PCK | | | kW | | | 0.000 | |
| Off mode | | Cooling POFF | kW | | | 0.009 | |
| | | Heating POFF | kW | | | 0.009 | |
| Standby mode | | Cooling PSB | kW | | | 0.009 | |
| | | Heating PSB | kW | | | 0.009 | |
| Thermo- stat-off mode | | Cooling PTO | kW | | | 0.005 | |
| | | Heating PTO | kW | | | 0.013 | |
| Indication if the heater is equipped with a supplementary heater (pair application) | | | | | | No | |
| Supplementary heater (pair application) | | Back-up capacity | Heating elbu | kW | | | 0.0 |
| Cooling | | Cdc (Degradation cooling) | | | | | 0.25 |
| Heating | | Cdh (Degradation heating) | | | | | 0.25 |
| Cooling function included | | | | | | Yes | |
| Heating function included | | | | | | Yes | |
| Average climate included | | | | | | Yes | |
| Cold season included | | | | | | No | |
| Warm season included | | | | | | No | |

(1)Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

(2)Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.