| | |
|---|---|
| Outdoor unit | RXA42A2V1B |
| Indoor unit | FTXA42A2V1BS |

| Function | |
|---|---|
| Cooling | Yes |
| Heating | Yes |

| Heating season | |
|---|---|
| Average (mandatory) | Yes |
| Warmer (if designated) | Yes |
| Colder (if designated) | No |

| Item | Symbol | Value | Unit |
|---|---|---|---|
| **Design Load** | | | |
| Cooling | Pdesignc | 4.20 | kW |
| heating / Average | Pdesignh | 3.80 | kW |
| heating / Warmer | Pdesignh | 2.15 | kW |
| heating / Colder | Pdesignh | | kW |

| Item | Symbol | Value | Unit |
|---|---|---|---|
| **Seasonal efficiency** | | | |
| Cooling | SEER | 7.50 | - |
| heating / Average | SCOP / A | 4.60 | - |
| heating / Warmer | SCOP / W | 5.93 | - |
| heating / Colder | SCOP / C | | - |

| Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = 35°C | Pdc | 4.20 | kW |
| Tj = 30°C | Pdc | 3.09 | kW |
| Tj = 25°C | Pdc | 1.99 | kW |
| Tj = 20°C | Pdc | 1.86 | kW |

| Declared energy efficiency ratio*, at indoor temperature 27(19) °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = 35°C | EERd | 3.99 | - |
| Tj = 30°C | EERd | 5.54 | - |
| Tj = 25°C | EERd | 9.31 | - |
| Tj = 20°C | EERd | 12.06 | - |

| Declared capacity* for heating / Average season , at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = -7°C | Pdh | 3.36 | kW |
| Tj = 2°C | Pdh | 2.05 | kW |
| Tj = 7°C | Pdh | 1.65 | kW |
| Tj = 12°C | Pdh | 1.52 | kW |
| Tj = bivalent temperature | Pdh | 3.36 | kW |
| Tj = operating limit | Pdh | 3.90 | kW |

| Declared coefficient of performance* / Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = -7°C | COPd | 3.24 | - |
| Tj = 2°C | COPd | 4.44 | - |
| Tj = 7°C | COPd | 6.33 | - |
| Tj = 12°C | COPd | 7.35 | - |
| Tj = bivalent temperature | COPd | 3.24 | - |
| Tj = operating limit | COPd | 2.04 | - |

| Declared capacity* for heating / Warmer season , at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = 2°C | Pdh | 2.15 | kW |
| Tj = 7°C | Pdh | 1.71 | kW |
| Tj = 12°C | Pdh | 1.5 | kW |
| Tj = bivalent temperature | Pdh | 2.15 | kW |
| Tj = operating limit | Pdh | | kW |

| Declared coefficient of performance* / Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = 2°C | COPd | 4.42 | - |
| Tj = 7°C | COPd | 6.43 | - |
| Tj = 12°C | COPd | 7.35 | - |
| Tj = bivalent temperature | COPd | 4.42 | - |
| Tj = operating limit | COPd | 2.04 | - |

| Declared capacity* for heating / Colder season , at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = -7°C | Pdh | | kW |
| Tj = 2°C | Pdh | | kW |
| Tj = 7°C | Pdh | | kW |
| Tj = 12°C | Pdh | | kW |
| Tj = bivalent temperature | Pdh | | kW |
| Tj = operating limit | Pdh | | kW |
| Tj = -15°C | Pdh | | kW |

| Declared coefficient of performance* / Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|---|---|---|
| Tj = -7°C | COPd | | - |
| Tj = 2°C | COPd | | - |
| Tj = 7°C | COPd | | - |
| Tj = 12°C | COPd | | - |
| Tj = bivalent temperature | COPd | | - |
| Tj = operating limit | COPd | | - |
| Tj = -15°C | COPd | | - |

| Bivalent temperature | | | |
|---|---|---|---|
| heating / Average | Tbiv | | °C |
| heating / Warmer | Tbiv | 2 | °C |
| heating / Colder | Tbiv | | °C |

| Operating limit temperature | | | |
|---|---|---|---|
| heating / Average | Tol | -15 | °C |
| heating / Warmer | Tol | | °C |
| heating / Colder | Tol | | °C |

| Cycling interval capacity | | | |
|---|---|---|---|
| for cooling | Pcycc | | kW |
| for heating | Pcych | | kW |
| Degradation co-efficient cooling** | Cdc | 0.25 | - |

| Cycling interval efficiency | | | |
|---|---|---|---|
| for cooling | EERcyc | | - |
| for heating | COPcyc | | - |
| Degradation co-efficient cooling** | Cdh | 0.25 | - |

| Electric power input in power models other than 'active mode' | | | |
|---|---|---|---|
| off mode | $P_{off}$ | 5.0E-4 | kW |
| standby mode | $P_{sb}$ | 5.0E-4 | kW |
| thermostat-off mode | $P_{TO}$ | 0.013 | kW |
| crankcase heater mode | $P_{CK}$ | 0.0 | kW |

| Annual electricity consumption | | | |
|---|---|---|---|
| Cooling | $Q_{CE}$ | 196 | kWh/a |
| heating / Average | $Q_{HE}$ | 1,150 | kWh/a |
| heating / Warmer | $Q_{HE}$ | 508 | kWh/a |
| heating / Colder | $Q_{HE}$ | | kWh/a |

| Capacity control | |
|---|---|
| fixed | N |
| staged | N |
| variable | N |

| Other items | | | |
|---|---|---|---|
| Sound power level (indoor/outdoor) | $L_{WA}$ | 60 / 62 | db(A) |
| Global warming potential | GWP | 675.0 | $kgCO_2eq.$ |
| Rated air flow (indoor/outdoor) | - | 13.1 / 50.4 | $m^3/min$ |

| | |
|---|---|
| **Contact details for obtaining more information** | **DAIKIN EUROPE N.V.**<br>**Zandvoordestraat 300**<br>**B-8400 Oostende**<br>**Belgium** |

* for staged capacity units, two values divided by a slash (/) will be declared in each box in the section 'Declared capacity of the unit' and 'Declared EER/COP' of the unit.

** if default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating of cooling cycling test value is required.