

|              |  |            |  |
|--------------|--|------------|--|
| Outdoor unit |  | ARXC35AV1B |  |
| Indoor unit  |  | ATXC35AV1B |  |

|                 |     |                        |     |
|-----------------|-----|------------------------|-----|
| <b>Function</b> |     | <b>Heating Season</b>  |     |
| Cooling         | Yes | Average (mandatory)    | Yes |
| Heating         | Yes | Warmer (if designated) | Yes |
|                 |     | Colder (if designated) | No  |

| Item               | Symbol               | Value | Unit |
|--------------------|----------------------|-------|------|
| <b>Design Load</b> |                      |       |      |
| Cooling            | P <sub>designc</sub> | 3.37  | kW   |
| heating / Average  | P <sub>designh</sub> | 2.19  | kW   |
| heating / Warmer   | P <sub>designh</sub> | 2.34  | kW   |
| heating / Colder   | P <sub>designh</sub> |       | kW   |

| Item                       | Symbol   | Value | Unit |
|----------------------------|----------|-------|------|
| <b>Seasonal efficiency</b> |          |       |      |
| Cooling                    | SEER     | 6.11  | -    |
| heating / Average          | SCOP / A | 4.00  | -    |
| heating / Warmer           | SCOP / W | 4.95  | -    |
| heating / Colder           | SCOP / C |       | -    |

|  |                 |      |    |
|--|-----------------|------|----|
| <b>Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature T<sub>j</sub></b> |                 |      |    |
| T <sub>j</sub> = 35°C  | P <sub>dc</sub> | 3.37 | kW |
| T <sub>j</sub> = 30°C  | P <sub>dc</sub> | 2.25 | kW |
| T <sub>j</sub> = 25°C  | P <sub>dc</sub> | 1.48 | kW |
| T <sub>j</sub> = 20°C  | P <sub>dc</sub> | 1.29 | kW |

|  |                  |      |   |
|--|------------------|------|---|
| <b>Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature T<sub>j</sub></b> |                  |      |   |
| T <sub>j</sub> = 35°C  | EER <sub>d</sub> | 2.81 | - |
| T <sub>j</sub> = 30°C  | EER <sub>d</sub> | 4.83 | - |
| T <sub>j</sub> = 25°C  | EER <sub>d</sub> | 8.13 | - |
| T <sub>j</sub> = 20°C  | EER <sub>d</sub> | 11.4 | - |

|  |                 |       |    |
|--|-----------------|-------|----|
| <b>Declared capacity* for heating / Average season , at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                 |       |    |
| T <sub>j</sub> = -7°C  | P <sub>dh</sub> | 1.94  | kW |
| T <sub>j</sub> = 2°C   | P <sub>dh</sub> | 1.29  | kW |
| T <sub>j</sub> = 7°C   | P <sub>dh</sub> | 0.980 | kW |
| T <sub>j</sub> = 12°C  | P <sub>dh</sub> | 1.17  | kW |
| T <sub>j</sub> = Bivalent temperature  | P <sub>dh</sub> | 1.94  | kW |
| T <sub>j</sub> = operating limit   | P <sub>dh</sub> | 1.61  | kW |

|   |                  |      |   |
|---|------------------|------|---|
| <b>Declared coefficient of performance* / Average season, at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                  |      |   |
| T <sub>j</sub> = -7°C   | COP <sub>d</sub> | 2.63 | - |
| T <sub>j</sub> = 2°C  | COP <sub>d</sub> | 4.14 | - |
| T <sub>j</sub> = 7°C  | COP <sub>d</sub> | 5.17 | - |
| T <sub>j</sub> = 12°C   | COP <sub>d</sub> | 6.34 | - |
| T <sub>j</sub> = Bivalent temperature   | COP <sub>d</sub> | 2.63 | - |
| T <sub>j</sub> = operating limit  | COP <sub>d</sub> | 2.09 | - |

|   |                 |      |    |
|---|-----------------|------|----|
| <b>Declared capacity* for heating / Warmer season , at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                 |      |    |
| T <sub>j</sub> = 2°C  | P <sub>dh</sub> | 2.34 | kW |
| T <sub>j</sub> = 7°C  | P <sub>dh</sub> | 1.39 | kW |
| T <sub>j</sub> = 12°C   | P <sub>dh</sub> | 1.17 | kW |
| T <sub>j</sub> = Bivalent temperature   | P <sub>dh</sub> | 2.34 | kW |
| T <sub>j</sub> = operating limit  | P <sub>dh</sub> | 1.61 | kW |

|  |                  |      |   |
|--|------------------|------|---|
| <b>Declared coefficient of performance* / Warmer season, at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                  |      |   |
| T <sub>j</sub> = 2°C   | COP <sub>d</sub> | 3.06 | - |
| T <sub>j</sub> = 7°C   | COP <sub>d</sub> | 5.14 | - |
| T <sub>j</sub> = 12°C  | COP <sub>d</sub> | 6.34 | - |
| T <sub>j</sub> = Bivalent temperature  | COP <sub>d</sub> | 3.06 | - |
| T <sub>j</sub> = operating limit   | COP <sub>d</sub> | 2.09 | - |

|   |                 |  |    |
|---|-----------------|--|----|
| <b>Declared capacity* for heating / Colder season , at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                 |  |    |
| T <sub>j</sub> = -7°C   | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = 2°C  | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = 7°C  | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = 12°C   | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = Bivalent temperature   | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = operating limit  | P <sub>dh</sub> |  | kW |
| T <sub>j</sub> = -15°C  | P <sub>dh</sub> |  | kW |

|  |                  |  |   |
|--|------------------|--|---|
| <b>Declared coefficient of performance* / Colder season, at indoor temperature 20 °C and outdoor temperature T<sub>j</sub></b> |                  |  |   |
| T <sub>j</sub> = -7°C  | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = 2°C   | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = 7°C   | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = 12°C  | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = Bivalent temperature  | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = operating limit   | COP <sub>d</sub> |  | - |
| T <sub>j</sub> = -15°C   | COP <sub>d</sub> |  | - |

|                             |                  |    |    |
|-----------------------------|------------------|----|----|
| <b>Bivalent temperature</b> |                  |    |    |
| heating / Average           | T <sub>biv</sub> | -7 | °C |
| heating / Warmer            | T <sub>biv</sub> | 2  | °C |
| heating / Colder            | T <sub>biv</sub> |    | °C |

|                        |                 |     |    |
|------------------------|-----------------|-----|----|
| <b>operating limit</b> |                 |     |    |
| heating / Average      | T <sub>ol</sub> | -14 | °C |
| heating / Warmer       | T <sub>ol</sub> | -14 | °C |
| heating / Colder       | T <sub>ol</sub> |     | °C |

|                                    |                   |   |    |
|------------------------------------|-------------------|---|----|
| <b>Cycling interval capacity</b>   |                   |   |    |
| for cooling                        | P <sub>cycc</sub> |   | kW |
| for heating                        | P <sub>cych</sub> |   | kW |
| Degradation co-efficient cooling** | C <sub>dc</sub>   | - | -  |

|                                    |                     |  |   |
|------------------------------------|---------------------|--|---|
| <b>Cycling interval efficiency</b> |                     |  |   |
| for cooling                        | EER <sub>cycc</sub> |  | - |
| for heating                        | COP <sub>cycc</sub> |  | - |
| Degradation co-efficient cooling** | C <sub>dh</sub>     |  | - |

|  |                  |       |    |
|--|------------------|-------|----|
| <b>Electric power input in power models other than 'active mode'</b> |                  |       |    |
| Off mode   | P <sub>off</sub> | 0.003 | kW |
| Standby mode   | P <sub>sb</sub>  | 0.003 | kW |
| Thermostat-off mode  | P <sub>TO</sub>  | 0     | kW |
| Crankcase heater mode  | P <sub>CK</sub>  | 0     | kW |

|                         |   |  |  |
|-------------------------|---|--|--|
| <b>Capacity control</b> |   |  |  |
| Fixed                   | N |  |  |
| Staged                  | N |  |  |
| Variable                | N |  |  |

|                                       |                 |     |       |
|---------------------------------------|-----------------|-----|-------|
| <b>Annual electricity consumption</b> |                 |     |       |
| Cooling                               | Q <sub>CE</sub> | 193 | kWh/a |
| heating / Average                     | Q <sub>HE</sub> | 768 | kWh/a |
| heating / Warmer                      | Q <sub>HE</sub> | 861 | kWh/a |
| heating / Colder                      | Q <sub>HE</sub> |     | kWh/a |

|                                    |                 |       |                       |
|------------------------------------|-----------------|-------|-----------------------|
| <b>Other items</b>                 |                 |       |                       |
| Sound power level (indoor/outdoor) | L <sub>WA</sub> | 60    | db(A)                 |
| Global warming potential           | GWP             | 675.0 | kgCO <sub>2</sub> eq. |
| Rated air flow (indoor/outdoor)    | -               | null  | m <sup>3</sup> /min   |

|   |   |
|---|---|
| <b>Contact details for obtaining more information</b> | Daikin Europe N.V. Zandvoordestraat 300, B-8400 Oostende, Belgium |
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\* 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 or cooling cycling test value is required.