



**ENERG**  
енергия · ενεργεια



Climate 5000 VRF

MDCI 8-1

7739835416



**BOSCH**

7739835416 / 7733701830, 7733701832, 8733500375 (2x), 8733500376 (1x)

SEER



kW 7,2

SEER 5,2

kWh/annum 485

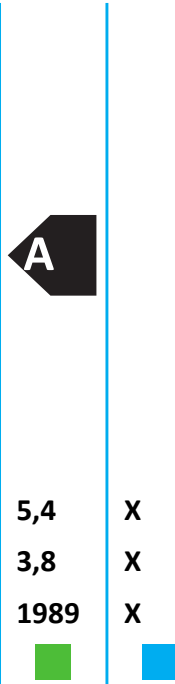
SCOP



kW 5,4

SCOP 4,6

kWh/annum 1645



60 dB



69 dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

626/2011

**Climate 5000 VRF**

MDCI 8-1

7739835416

To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 206/2012 and (EU) 626/2011.

| Productdata  | Symbol               | Unit | 7739835416      |
|--|----------------------|------|-----------------|
| model identifier of the indoor elements of the air conditioner   |                      |      | 7733701830      |
| model identifier of the indoor elements of the air conditioner   |                      |      | 7733701832      |
| model identifier of the indoor elements of the air conditioner   |                      |      | 8733500375 (2x) |
| model identifier of the indoor elements of the air conditioner   |                      |      | 8733500376 (1x) |
| model identifier of the outdoor element of the air conditioner   |                      |      | 7739835416      |
| Sound power level inside cooling mode  | L <sub>WA</sub>      | dB   | 60              |
| Sound power level outside cooling mode   | L <sub>WA</sub>      | dB   | 69              |
| Sound power level inside heating mode  | L <sub>WA</sub>      | dB   | 60              |
| Sound power level outside heating mode   | L <sub>WA</sub>      | dB   | 69              |
| Refrigerant type   |                      |      | R410A           |
| Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 2088 kgCO <sub>2</sub> eq. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 2088 times higher than 1 kg of CO <sub>2</sub> , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. |                      |      |                 |
| Seasonal energy efficiency ratio   | SEER                 |      | 5,2             |
| Efficiency class cooling   |                      |      | A               |
| Energy consumption 485 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.   |                      |      |                 |
| Design load P <sub>designc</sub>   | P <sub>designc</sub> | kW   | 7,2             |
| SCOP/A average climate   | SCOP/A               |      | 3,8             |
| Efficiency class heating average climate   |                      |      | A               |
| Energy consumption 1989 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.  |                      |      |                 |
| Heating season average   |                      |      | Yes             |
| Heating season warmer  |                      |      | Yes             |
| Heating season colder  |                      |      | No              |
| Design load average climate  | P <sub>designh</sub> | kW   | 5,4             |
| Declared capacity at reference design conditions   |                      | kW   | 5,4             |
| Back up heating capacity at reference design conditions  |                      | kW   | 0,0             |
| Cooling  |                      |      | Yes             |
| Heating  |                      |      | Yes             |
| Heating season average   |                      |      | Yes             |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 35 °C  | P <sub>dc</sub>      | kW   | 7,2             |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C  | P <sub>dc</sub>      | kW   | 5,3             |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C  | P <sub>dc</sub>      | kW   | 3,4             |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C  | P <sub>dc</sub>      | kW   | 3,5             |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C   | EER <sub>d</sub>     |      | 3,3             |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C   | EER <sub>d</sub>     |      | 5,3             |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C   | EER <sub>d</sub>     |      | 7,8             |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C   | EER <sub>d</sub>     |      | 10,2            |
| Declared capacity for heating (average season) at indoor 20 °C outdoor -7 °C   | P <sub>dh</sub>      | kW   | 4,8             |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 2 °C  | P <sub>dh</sub>      | kW   | 2,9             |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C  | P <sub>dh</sub>      | kW   | 2,1             |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C   | P <sub>dh</sub>      | kW   | 2,7             |

Data at the time of printing. Latest version available on the Internet.

**Climate 5000 VRF**

MDCI 8-1

7739835416

| Productdata   | Symbol              | Unit              | 7739835416 |
|---|---------------------|-------------------|------------|
| Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature       | P <sub>dh</sub>     | kW                | 5,4        |
| Declared capacity for heating (average season) at indoor 20 °C outdoor operating limit            | P <sub>dh</sub>     | kW                | 5,4        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor -7 °C                | COP <sub>d</sub>    |                   | 2,6        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C                 | COP <sub>d</sub>    |                   | 3,7        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C                 | COP <sub>d</sub>    |                   | 4,9        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C                | COP <sub>d</sub>    |                   | 6,5        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature | COP <sub>d</sub>    |                   | 2,3        |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit      | COP <sub>d</sub>    |                   | 2,3        |
| Bivalent temperature heating - average  | T <sub>biv</sub>    | °C                | -10        |
| Operational limit temperature heating - average   | T <sub>ol</sub>     | °C                | -10        |
| Cycling interval capacity for cooling   | P <sub>cycc</sub>   | kW                | -          |
| Cycling interval capacity for heating   | P <sub>cyhc</sub>   | kW                | -          |
| Degradation co-efficient cooling  | C <sub>dc</sub>     |                   | 0,3        |
| Cycling interval efficiency for cooling   | EER <sub>cycc</sub> |                   | -          |
| Cycling interval efficiency for heating   | COP <sub>cyhc</sub> |                   | -          |
| Degradation co-efficient heating  | C <sub>dh</sub>     |                   | 0,3        |
| Electric power modes other than active mode: off mode   | P <sub>OFF</sub>    | kW                | 0,0        |
| Electric power modes other than active mode: standby mode   | P <sub>SB</sub>     | kW                | 0,0        |
| Electric power modes other than active mode: thermostat-off mode                                  | P <sub>TO</sub>     | kW                | 0,0        |
| Electric power modes other than active mode: crankcase heater mode                                | P <sub>CK</sub>     | kW                | 0,0        |
| Capacity control: fixed   |                     |                   | No         |
| Capacity control: staged  |                     |                   | No         |
| Capacity control: variable  |                     |                   | Yes        |
| Rated air flow indoor   |                     | m <sup>3</sup> /h | 1500       |
| Rated air flow outdoor  |                     | m <sup>3</sup> /h | 5500       |