



| HPSU Bi-Bloc outdoor unit RRLQ   |   |  |                      | 004CAV3              | 006CAV3               | 008CAV3                | 011CAW1                | 014CAW1                | 016CAW1     |
|--|---|--|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|-------------|
| Corresponding indoor unit HPSU Bi-Bloc RHBH (Heating) / RHBX (Heating/Cooling) |   |  |                      | 04CB3V               | 08CB9W                | 08CB9W                 | 11CB9W                 | 16CB9W                 | 16CB9W      |
| Energy efficiency class  | Space heating   | Flow temperature 35 °C (without control)       |                      | A++                  | A++                   | A++                    | A++                    | A++                    | A++         |
|  |   | Flow temperature 55 °C (without control)       |                      | A++                  | A+                    | A++                    | A+                     | A+                     | A+          |
|  |   | Flow temperature 55 °C with integrated control |                      | A++                  | A++                   | A++                    | A++                    | A+                     | A++         |
| Heating capacity   | Nom.  | kW   | 3.27 (2)<br>4.40 (3) | 4.58 (2)<br>6.00 (3) | 5.80 (2)<br>7.40 (3)  | 8.56 (2)<br>11.20 (3)  | 10.30 (2)<br>14.50 (3) | 11.10 (2)<br>16.00 (3) |             |
|  | Max.  | kW   | 4.80 (2)<br>5.10 (3) | 6.40 (2)<br>8.40 (3) | 7.70 (2)<br>10.20 (3) | 9.10 (2)<br>11.40 (3)  | 10.90 (2)<br>14.60 (3) | 11.40 (2)<br>16.10 (3) |             |
| Cooling capacity   | Max.  | kW   | 5.90 (3)<br>4.50 (4) | 7.30 (3)<br>5.50 (4) | 8.40 (3)<br>6.40 (4)  | 15.10 (3)<br>11.70 (4) | 16.10 (3)<br>12.60 (4) | 16.80 (3)<br>13.10 (4) |             |
| COP  |   |  | 5.04 (3)             | 4.74 (3)             | 4.45 (3)              | 4.60 (3)               | 4.30 (3)               | 4.25 (3)               |             |
| EER  |   |  | 4.55 (3)             | 3.89 (3)             | 3.79 (3)              | 3.32 (3)               | 3.96 (3)               | 3.69 (3)               |             |
| Dimensions   | Unit  | Height   | mm                   | 735                  | 735                   | 735                    | 1345                   | 1345                   | 1345        |
|  |   | Depth  | mm                   | 832                  | 832                   | 832                    | 900                    | 900                    | 900         |
|  |   | Width  | mm                   | 307                  | 307                   | 307                    | 320                    | 320                    | 320         |
| Weight   | Unit  | kg   | 54                   | 56                   | 56                    | 114                    | 114                    | 114                    |             |
| Operation range  | Heating   | Min.   | °CWB                 | -25 (7)              | -25 (7)               | -25 (7)                | -25 (7)                | -25 (7)                | -25 (7)     |
|  |   | Max.   | °CWB                 | 25                   | 25                    | 25                     | 35                     | 35                     | 35          |
|  | Cooling   | Min.   | °CDB                 | 10                   | 10                    | 10                     | 10                     | 10                     | 10          |
|  |   | Max.   | °CDB                 | 43                   | 43                    | 43                     | 46                     | 46                     | 46          |
|  | Domestic hot water  | Min.   | °CDB                 | -25 (8)              | -25 (8)               | -25 (8)                | -20 (8)                | -20 (8)                | -20 (8)     |
|  |   | Max.   | °CDB                 | 35 (8)               | 35 (8)                | 35 (8)                 | 35 (8)                 | 35 (8)                 | 35 (8)      |
| Sound power level  | Heating   | Nom.   | dbA                  | 61                   | 61                    | 62                     | 64                     | 64                     | 66          |
|  | Cooling (version RHBX)  | Nom.   | dbA                  | 63                   | 63                    | 63                     | 64                     | 66                     | 69          |
| Sound pressure level   | Heating   | Nom.   | dbA                  | 48 (9)               | 48 (9)                | 49 (9)                 | 51 (9)                 | 51 (9)                 | 52 (9)      |
|  | Cooling (version RHBX)  | Nom.   | dbA                  | 48 (9)               | 49 (9)                | 50 (9)                 | 50 (9)                 | 52 (9)                 | 54 (9)      |
| Refrigerant  | Type  |  |                      | R-410A (10)          | R-410A (10)           | R-410A (10)            | R-410A (10)            | R-410A (10)            | R-410A (10) |
|  | GWP   |  |                      | 2,087.5              | 2,087.5               | 2,087.5                | 2,087.5                | 2,087.5                | 2,087.5     |
|  | Charge  | kg   |                      | 1.5                  | 1.6                   | 1.6                    | 3.4                    | 3.4                    | 3.4         |
|  |   | TCO <sub>2eq</sub>                             |                      | 3.1                  | 3.3                   | 3.3                    | 7.1                    | 7.1                    | 7.1         |
| Compressor   | Starting method   | Inverter controlled                            |                      |                      |                       |                        |                        |                        |             |
| Notes  | (2) Heating A2 / W35<br>(3) Cooling A35 / W18; Heating A7 / W35<br>(4) Cooling A35 / W18; Heating A10 / W35<br>(7) Operation range heating (outdoor unit): range increase by support back-up heater<br>(8) Operation range hot water (outdoor unit): range increase by support booster heater<br>(9) at 1m distance, free field<br>(10) Contains fluorinated greenhouse gases |  |                      |                      |                       |                        |                        |                        |             |



| HPSU Bi-Bloc indoor unit RHBH (Heating) / RHBX (Heating/Cooling) |   |            |      | 04CB3V  | 08CB9W  | 11CB9W  | 16CB9W  |        |
|--|---|------------|------|---------|---------|---------|---------|--------|
| Dimensions   | Unit  | Height     | mm   | 890     | 890     | 890     | 890     |        |
|  |   | Depth      | mm   | 480     | 480     | 480     | 480     |        |
|  |   | Width      | mm   | 344     | 344     | 344     | 344     |        |
| Weight   | Unit RHBH / RHBX  |            | kg   | 40 / 42 | 40 / 45 | 41 / 45 | 44 / 46 |        |
| Operation range  | Heating   | Water side | Min. | °C      | 15 (2)  | 15 (2)  | 15 (2)  | 15 (2) |
|  |   |            | Max. | °C      | 55      | 55      | 55      | 55     |
|  | Cooling (version RHBX)  | Water side | Min. | °C      | 5 (4)   | 5 (4)   | 5 (4)   | 5 (4)  |
|  |   |            | Max. | °C      | 22      | 22      | 22      | 22     |
|  | Domestic hot water  | Water side | Min. | °C      | 25      | 25      | 25      | 25     |
|  |   |            | Max. | °C      | 80 (3)  | 80 (3)  | 80 (3)  | 80 (3) |
| Notes  | (2) 15°C bis 25°C: BUH only, no heat pump operation = during commissioning. |            |      |         |         |         |         |        |

All ROTEX heat pumps with the visual „Comfort 365“ are not only designed for heating, but also for cooling when combined with an underfloor heating system. Your customised climate 365 days a year.



**Fan convactor ROTEX HP convactor**

The ROTEX HP convactor is the ideal supplement to the ROTEX low temperature heat pump for rooms that lack underfloor heating. Thanks to its particularly quiet operation, it is suitable for use in bedrooms. Due to quiet fans, efficient heating and cooling is possible and the integral, electronic room temperature controller ensures the climate is just right in every room.

Accessories can be found in the current ROTEX pricelist. Please check with your heating contractor. Information in printed materials subject to correction and technical modification. Energy efficiency labels and current product datasheets can be obtained using the Energy Label Generator at [www.rotex-heating.com](http://www.rotex-heating.com).