



## → COMFORT

- » Heating production of 60°C down to -10°C outside temperature
- » Heating only, reversible (cooling) and bizonne models available
- » Silent outdoor unit : 42 dB(A)\*
- » Easy control via the Madoka thermostat (white, silver-grey or black)
- » Outdoor unit operation range down to -28°C



Integrated model with domestic hot water EAV(H/X/Z)-D



Wall mounted model EABH(X)-D



Outdoor unit EPGA-DV

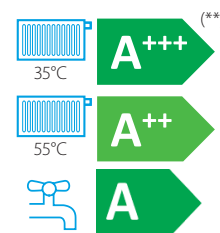


Madoka BRC1HHDW/S/K



## → ECONOMICAL

- » Up to A+++\*\* in heating at 35°C / A++ at 55°C
- » HP Keymark certified



## → EASY TO USE AND TO MAINTAIN

- » Reduction of the installation time: configuration assistant via the Heating Solutions Navigator (HSN)
- » Fully equipped product with a magnetic filter and a antigel valve (option)



## → CONNECTIVITY

- » Control the product remotely with your smartphone or tablet thanks the the LAN accessory.



Reference BRP069A61/A62

\*Sound pressure at 5m from the unit, 1,5m from the ground

\*\*For 14 and 16 kW models- According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

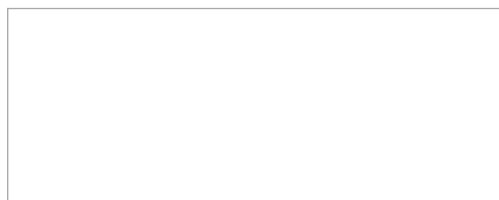
# Daikin Altherma 3 11-14-16 kW - Specifications EA(V/B)H-D6V/D9W

| Efficiency data                   |                                       |  |  | EAVH + EPGA                           | 16S18D6V(G)/<br>D9W(G) + 11DV | 16S23D6V(G)/<br>D9W(G) + 11DV | 16S18D6V(G)/<br>D9W(G) + 14DV | 16S23D6V(G)/<br>D9W(G) + 14DV | 16S18D6V(G)/<br>D9W(G) + 16DV | 16S23D6V(G)/<br>D9W(G) + 16DV |
|-----------------------------------|---------------------------------------|--|--|---------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Heating capacity                  | Nom.                                  |  | kW   |                                       | 11.1 (1) / 11.3 (2)           |                               | 14.5 (1) / 14.5 (2)           |                               | 16.5 (1) / 15.6 (2)           |                               |
| Power input                       | Heating                               | Nom.                                   | kW   |                                       | 2.16 (1) / 2.91 (2)           |                               | 2.91 (1) / 3.96 (2)           |                               | 3.45 (1) / 4.21 (2)           |                               |
| COP                               |                                       |  |  |                                       | 5.15 (1) / 3.88 (2)           |                               | 4.99 (1) / 3.65 (2)           |                               | 4.78 (1) / 3.71 (2)           |                               |
| Space heating                     | Average climate water outlet 55°C     | General                                | SCOP   |                                       | 3.29                          |                               | 3.34                          |                               | 3.41                          |                               |
|                                   |                                       |  | $\eta_s$ (Seasonal space heating efficiency) | %                                     | 129                           |                               | 130                           |                               | 133                           |                               |
|                                   | Average climate water outlet 35°C     | General                                | SCOP   |                                       | 4.38                          |                               | 4.45                          |                               | 4.56                          |                               |
|                                   |                                       |  | $\eta_s$ (Seasonal space heating efficiency) | %                                     | 172                           |                               | 175                           |                               | 179                           |                               |
| Seasonal space heating eff. class |                                       |  |  |                                       | A++                           |                               | A+++ (3)                      |                               |                               |                               |
| Domestic hot water heating        | General                               | Declared load profile                  |  |                                       | L                             | XL                            | L                             | XL                            | L                             | XL                            |
|                                   | Average climate                       | $\eta_{wh}$ (water heating efficiency) | %  |                                       | 104                           | 112                           | 104                           | 112                           | 104                           | 112                           |
|                                   | Water heating energy efficiency class |  |  |                                       |                               | A                             |                               |                               |                               |                               |
| Efficiency data                   |                                       |  |  | EABH + EPGA                           | 16D6V/D9W + 11DV              | 16D6V/D9W + 14DV              | 16D6V/D9W + 16DV              |                               |                               |                               |
| Heating capacity                  | Nom.                                  |  | kW   |                                       | 11.1 (1) / 11.3 (2)           |                               | 14.5 (1) / 14.5 (2)           |                               | 16.5 (1) / 15.6 (2)           |                               |
| Power input                       | Heating                               | Nom.                                   | kW   |                                       | 2.16 (1) / 2.91 (2)           |                               | 2.91 (1) / 3.96 (2)           |                               | 3.45 (1) / 4.21 (2)           |                               |
| COP                               |                                       |  |  |                                       | 5.15 (1) / 3.88 (2)           |                               | 4.99 (1) / 3.65 (2)           |                               | 4.78 (1) / 3.71 (2)           |                               |
| Space heating                     | Average climate water outlet 55°C     | General                                | SCOP   |                                       | 3.29                          |                               | 3.34                          |                               | 3.41                          |                               |
|                                   |                                       |  | $\eta_s$ (Seasonal space heating efficiency) | %                                     | 129                           |                               | 130                           |                               | 133                           |                               |
|                                   | Average climate water outlet 35°C     | General                                | SCOP   |                                       | 4.38                          |                               | 4.45                          |                               | 4.56                          |                               |
|                                   |                                       |  | $\eta_s$ (Seasonal space heating efficiency) | %                                     | 172                           |                               | 175                           |                               | 179                           |                               |
| Seasonal space heating eff. class |                                       |  |  |                                       | A++                           |                               | A+++ (3)                      |                               |                               |                               |
| Indoor Unit                       |                                       |  |  | EAVH                                  | 16S18D6V(G)/<br>D9W(G)        | 16S23D6V(G)/<br>D9W(G)        | 16S18D6V(G)/<br>D9W(G)        | 16S23D6V(G)/<br>D9W(G)        | 16S18D6V(G)/<br>D9W(G)        | 16S23D6V(G)/<br>D9W(G)        |
| Casing                            | Colour                                | White + Black                          |  |                                       |                               |                               |                               |                               |                               |                               |
|                                   | Material                              | Resin / Sheet metal                    |  |                                       |                               |                               |                               |                               |                               |                               |
| Dimensions                        | Unit                                  | HeightxWidthxDepth                     | mm   | 1,650x595x625                         | 1,850x595x625                 | 1,650x595x625                 | 1,850x595x625                 | 1,650x595x625                 | 1,850x595x625                 | 1,850x595x625                 |
| Weight                            | Unit                                  |  | kg   | 109                                   | 118                           | 109                           | 118                           | 109                           | 118                           | 118                           |
| Tank                              | Water volume                          |  | l  | 180                                   | 230                           | 180                           | 230                           | 180                           | 230                           | 230                           |
|                                   | Maximum water temperature             |  | °C   | 70                                    |                               |                               |                               |                               |                               |                               |
|                                   | Maximum water pressure                |  | bar  | 10                                    |                               |                               |                               |                               |                               |                               |
|                                   | Corrosion protection                  |  |  | Pickling                              |                               |                               |                               |                               |                               |                               |
| Operation range                   | Heating                               | Ambient                                | Min.~Max.                                    | °C                                    | 5~30                          |                               |                               |                               |                               |                               |
|                                   |                                       | Water side                             | Min.~Max.                                    | °C                                    | 15~60                         |                               |                               |                               |                               |                               |
|                                   | Domestic hot water                    | Ambient                                | Min.~Max.                                    | °CDB                                  | 5~35                          |                               |                               |                               |                               |                               |
|                                   | Water side                            | Max.                                   | °C   | 60                                    |                               |                               |                               |                               |                               |                               |
| Sound power level                 | Nom.                                  |  | dBA  | 44                                    |                               |                               |                               |                               |                               |                               |
| Sound pressure level              | Nom.                                  |  | dBA  | 30                                    |                               |                               |                               |                               |                               |                               |
| Indoor Unit                       |                                       |  |  | EABH                                  | 16D6V                         | 16D9W                         | 16D6V                         | 16D9W                         | 16D6V                         | 16D9W                         |
| Casing                            | Colour                                | White + Black                          |  |                                       |                               |                               |                               |                               |                               |                               |
|                                   | Material                              | Resin, sheet metal                     |  |                                       |                               |                               |                               |                               |                               |                               |
| Dimensions                        | Unit                                  | HeightxWidthxDepth                     | mm   | 840x440x390                           |                               |                               |                               |                               |                               |                               |
| Weight                            | Unit                                  |  | kg   | 38                                    |                               |                               |                               |                               |                               |                               |
| Operation range                   | Heating                               | Water side                             | Min.~Max.                                    | °C                                    | 15~60                         |                               |                               |                               |                               |                               |
|                                   | Domestic hot water                    | Water side                             | Min.~Max.                                    | °C                                    | 25~75                         |                               |                               |                               |                               |                               |
| Sound power level                 | Nom.                                  |  | dBA  | 44                                    |                               |                               |                               |                               |                               |                               |
| Sound pressure level              | Nom.                                  |  | dBA  | 30                                    |                               |                               |                               |                               |                               |                               |
| Outdoor Unit                      |                                       |  |  | EPGA                                  | 11DV                          | 14DV                          | 16DV                          |                               |                               |                               |
| Dimensions                        | Unit                                  | HeightxWidthxDepth                     | mm   | 1440x1160x380                         |                               |                               |                               |                               |                               |                               |
| Weight                            | Unit                                  |  | kg   | 143                                   |                               |                               |                               |                               |                               |                               |
| Compressor                        | Quantity                              |  |  | 1                                     |                               |                               |                               |                               |                               |                               |
|                                   | Type                                  |  |  | Hermetically sealed scroll compressor |                               |                               |                               |                               |                               |                               |
| Operation range                   | Cooling                               |  | Min.~Max.                                    | °CDB                                  | 10~43                         |                               |                               |                               |                               |                               |
|                                   | Domestic hot water                    |  | Min.~Max.                                    | °CDB                                  | -28~35                        |                               |                               |                               |                               |                               |
| Refrigerant                       | Type                                  |  |  | R-32                                  |                               |                               |                               |                               |                               |                               |
|                                   | GWP                                   |  |  | 675.0                                 |                               |                               |                               |                               |                               |                               |
|                                   | Charge                                |  | kg   | 3.50                                  |                               |                               |                               |                               |                               |                               |
|                                   | Charge                                |  | TCO2Eq                                       | 2.36                                  |                               |                               |                               |                               |                               |                               |
|                                   | Control                               |  |  | Expansion valve                       |                               |                               |                               |                               |                               |                               |
| Sound power level                 | Heating                               | Nom.                                   | dBA  | 64                                    |                               |                               |                               |                               | 66                            |                               |
|                                   | Cooling                               | Nom.                                   | dBA  | 68                                    |                               |                               |                               |                               | 52                            |                               |
| Sound pressure level              | Heating                               | Nom.                                   | dBA  | 48                                    |                               |                               |                               |                               | 55                            |                               |
|                                   | Cooling                               | Nom.                                   | dBA  | 55                                    |                               |                               |                               |                               | 52                            |                               |
| Power supply                      | Name/Phase/Frequency/Voltage          |  | Hz/V   | V3/1N~/50/230                         |                               |                               |                               |                               |                               |                               |
| Current                           | Recommended fuses                     |  | A  | 32                                    |                               |                               |                               |                               |                               |                               |

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

(3) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Daikin Europe N.V. Naamloze Vennootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Publisher)



Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate: www.eurovent-certification.com

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.

Printed on non-chlorinated paper.