

# Daikin Altherma 3 H MT W

Wall mounted **reversible** air-to-water heat pump

- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Compact dimensions allows for small installation space, as almost no side clearances are required
- › The unit's sleek design blends in with other household appliances
- › Combine with a stainless steel tank or ECH<sub>2</sub>O thermal store
- › Heat pump operation down to -28 °C



up to

**A+++**

**R-32**

| Efficiency data                                |                                    |                                      |   | ETBX + EPRA   | 12E6V + 08EV/W | 12E9W + 08EV/W | 12E6V + 10EV/W    | 12E9W + 10EV/W | 12E6V + 12EV/W | 12E9W + 12EV/W |  |
|--|------------------------------------|--------------------------------------|---|---------------|----------------|----------------|-------------------|----------------|----------------|----------------|--|
| Space heating                                  | Average climate water outlet 55 °C | General                              | SCOP  | 3,47 / 3,59   |                |                | 3,48 / 3,60       |                |                |                |  |
|  |                                    |                                      | ηs (Seasonal space heating efficiency)<br>Seasonal space heating eff. class |               |                |                | 136 / 141<br>A++  |                |                |                |  |
|  | Average climate water outlet 35 °C | General                              | SCOP  | 4,79 / 4,95   |                |                | 4,82 / 4,98       |                |                |                |  |
|  |                                    |                                      | ηs (Seasonal space heating efficiency)<br>Seasonal space heating eff. class | 188 / 195     |                |                | 190 / 196<br>A+++ |                |                |                |  |
| Indoor Unit                                    |                                    |                                      |   | ETBX          | 12E6V          | 12E9W          | 12E6V             | 12E9W          | 12E6V          | 12E9W          |  |
| Casing   | Colour                             | White + Black                        |   |               |                |                |                   |                |                |                |  |
|  | Material                           | Sheet metal                          |   |               |                |                |                   |                |                |                |  |
| Dimensions                                     | Unit                               | HeightxWidthxDepth                   | mm  | 840x440x390   |                |                |                   |                |                |                |  |
| Weight   | Unit                               | 36,5                                 |   |               |                |                |                   |                |                |                |  |
| Operation range                                | Heating                            | Ambient                              | Min.~Max.   | -28 ~ 25      |                |                |                   |                |                |                |  |
|  |                                    | Water side                           | Min.~Max.   | 18 ~ 65       |                |                |                   |                |                |                |  |
|  | Cooling                            | Ambient                              | Min.~Max.   | 10 ~ 43       |                |                |                   |                |                |                |  |
|  |                                    | Water side                           | Min.~Max.   | 5 ~ 22        |                |                |                   |                |                |                |  |
|  | Domestic hot water                 | Ambient                              | Max.  | -28 ~ 35      |                |                |                   |                |                |                |  |
|  |                                    | Water side                           | Min.~Max.   | 10 ~ 63       |                |                |                   |                |                |                |  |
| Sound power level                              | Nom.                               | 44                                   |   |               |                |                |                   |                |                |                |  |
| Sound pressure level                           | Nom.                               | 30                                   |   |               |                |                |                   |                |                |                |  |
| Outdoor Unit                                   |                                    |                                      |   | EPRA          | 08EV3/W1       | 10EV3/W1       | 12EV3/W1          |                |                |                |  |
| Dimensions                                     | Unit                               | HeightxWidthxDepth                   | mm  | 1003x1270x533 |                |                |                   |                |                |                |  |
| Weight   | Unit                               | kg                                   |   |               |                |                |                   |                |                |                |  |
| Compressor                                     | Quantity                           | 1                                    |   |               |                |                |                   |                |                |                |  |
|  | Type                               | Hermetically sealed swing compressor |   |               |                |                |                   |                |                |                |  |
| Operation range                                | Heating                            | Min.~Max.                            | °CDB -28 ~ 25   |               |                |                |                   |                |                |                |  |
|  | Cooling                            | Min.~Max.                            | °CDB 10 ~ 43  |               |                |                |                   |                |                |                |  |
|  | Domestic hot water                 | Min.~Max.                            | °CDB -28 ~ 35   |               |                |                |                   |                |                |                |  |
| Refrigerant                                    | Type                               | R-32                                 |   |               |                |                |                   |                |                |                |  |
|  | GWP                                | 675,0                                |   |               |                |                |                   |                |                |                |  |
|  | Charge                             | kg                                   | 3,25  |               |                |                |                   |                |                |                |  |
|  | Charge                             | TCO <sub>2</sub> Eq                  | 2,19  |               |                |                |                   |                |                |                |  |
|  | Control                            | Expansion valve                      |   |               |                |                |                   |                |                |                |  |
| LW(A) Sound power level (according to EN14825) | 53                                 |                                      |   |               |                |                |                   |                |                |                |  |
| Sound pressure level (at 1 meter)              | Nom.                               | V3: 40,6 - W1: 41,1                  |   |               |                |                |                   |                |                |                |  |
| Power supply                                   | Name/Phase/Frequency/Voltage       | Hz/V V3/1~/50/230 - W1/3~/50/400     |   |               |                |                |                   |                |                |                |  |
| Current  | Recommended fuses                  | A V3: 32 - W1: 16                    |   |               |                |                |                   |                |                |                |  |

This product contains fluorinated greenhouse gases.