

# Daikin Altherma 3 R

Product catalogue 2022



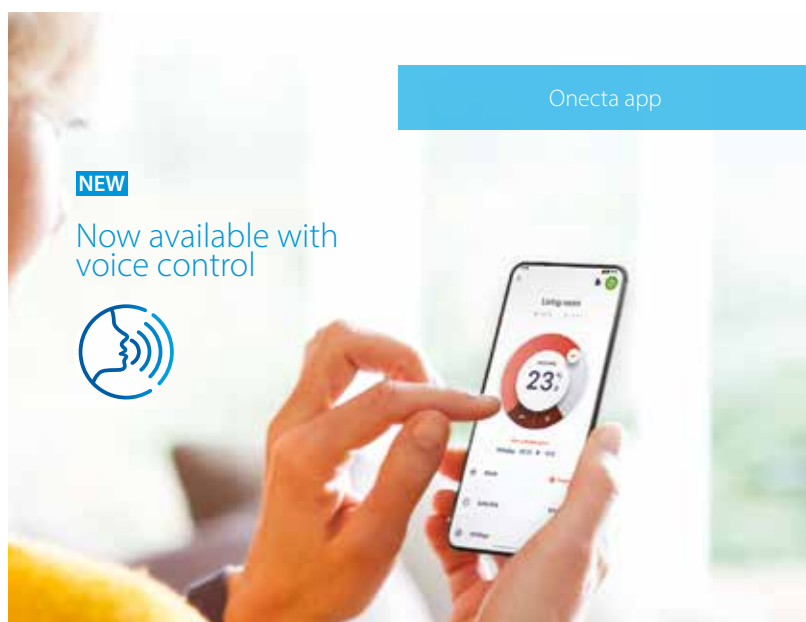
The heat pump standard, upgraded



ERGA-E series



EHV(H/X/Z)-E\*



Onecta app

NEW

Now available with  
voice control



ERGA-EV(H)

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# Daikin Altherma 3 R

powered by Bluevolution with R-32 refrigerant

## Why choose Daikin Altherma 3 R?

Bluevolution technology combines very high efficient compressors developed by Daikin with the future of refrigerants: R-32.



### High performance

- › Leaving water temperature up to 65 °C at high efficiency
- › Suitable for both underfloor heating and radiators
- › Pedigree trademark in first protection down to -25°C, ensuring reliable operation even in the coldest climates
- › The Bluevolution technology offers the highest performance:
  - Seasonal efficiency up to A+++
  - Heating efficiency up to a COP of 5,1 (at 7 °C/35 °C)
  - Domestic hot water efficiency up to COP of 3,3 (EN16147)
- › Available in 4, 6 and 8 kW

### Easy to install

- › Delivered ready to operate: all key hydraulic elements are factory mounted
- › All servicing can be done from the front and all pipings can be accessed at the top of the unit
- › Black and white modern design
- › Reduced installation time: the outdoor unit is tested and charged with refrigerant

### Easy commissioning

- › Integrated high resolution colour interface
- › Quick wizard allowing commissioning in maximum 9 easy steps to have the full system ready to operate
- › Configuration can take place remotely to upload later on the unit after the day of the installation

### Easy to control

- › The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressor ensures consistent room temperatures at all times.
- › Control your system from anywhere at any time via the Daikin Residential Controller app. This online controller allows adjustment of home comfort levels to suit individual preferences while achieving further energy efficiencies. The R-32 Daikin Altherma 3 R range can also be fully integrated with other home control systems



Control with Onecta app



## Daikin Altherma 3 R offers a wide range to adapt to your customers needs

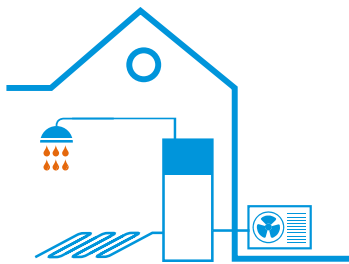
### ✓ **Best seasonal efficiencies**

providing the highest savings on running costs

✓ **Perfect fit for new buildings,** as well as for low energy houses

✓ **A leaving water temperature up to 65 °C makes it also a suitable choice for refurbishments**

To cover all applications, the Daikin Altherma 3 R is available in 3 different indoor units



#### Daikin Altherma 3 R F

##### Floor standing unit with integrated domestic hot water tank

Compact and yet 100% comfort guaranteed

- › All components and connections are factory mounted
- › Very small 595 x 625 mm installation footprint required
- › Minimum electrical input with constantly available hot water
- › Dedicated Bi-Zone models available: two temperature zones automatically regulated by the same indoor unit
- › Modern stylish design available in white or silver-grey
- › Compatible with the Daikin Residential Controller app
- › Voice control available



#### Daikin Altherma 3 R ECH<sub>2</sub>O

##### Floor standing unit with integrated ECH<sub>2</sub>O tank

Integrated solar unit and domestic hot water tank

- › Maximising renewable energy with top comfort for hot water preparation
- › Solar support for domestic hot water
- › Lightweight plastic tank
- › Bivalent option: can be combined with a secondary heat source
- › App control available



#### Daikin Altherma 3 R W

##### Wall mounted unit

High flexibility for installation and domestic hot water connection

- › Compact unit with small installation (almost no side clearance is required)
- › Can be combined with a space separate domestic hot water tank up to 500 litres, with or without solar support
- › Stylish modern design
- › Compatible with the Daikin Residential Controller app
- › Voice control available

# Daikin Altherma 3 R F

floor standing unit with integrated domestic hot water tank

## Why choose Daikin floor standing unit with integrated domestic hot water tank?

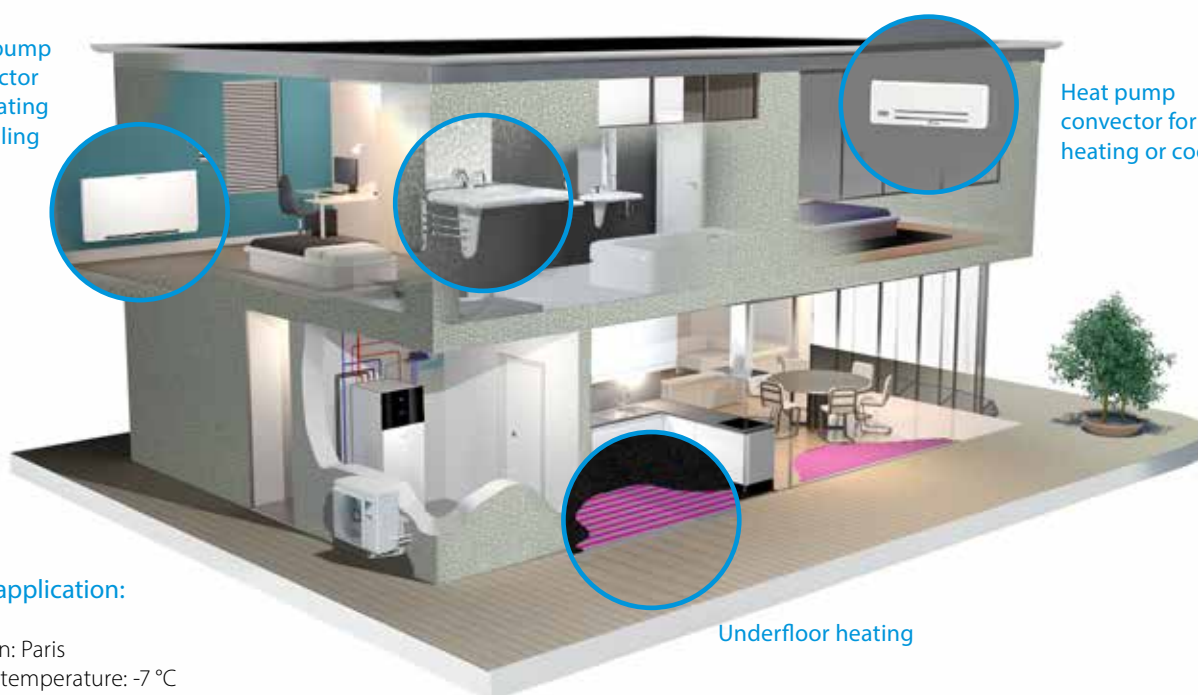
The Daikin Altherma 3 floor standing unit is the ideal system **to deliver heating, domestic hot water and cooling** for new build and low energy houses.

### All in one system to save installation space and time

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heatpump ensures a faster installation compared to traditional systems
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater choice of 3, 6, 9 kW
- › Dedicated Bi-Zone models allowing temperature monitoring for 2 zones connect underfloor heating to radiators for optimise efficiency

### Domestic hot water

Heat pump convector for heating or cooling



Heat pump convector for heating or cooling

Underfloor heating

### Typical application:

- › Location: Paris
- › Design temperature: -7 °C
- › Heat load: 7 kW
- › Heating off temperature: 16 °C

# All-in one design

## Reduces the installation footprint and height

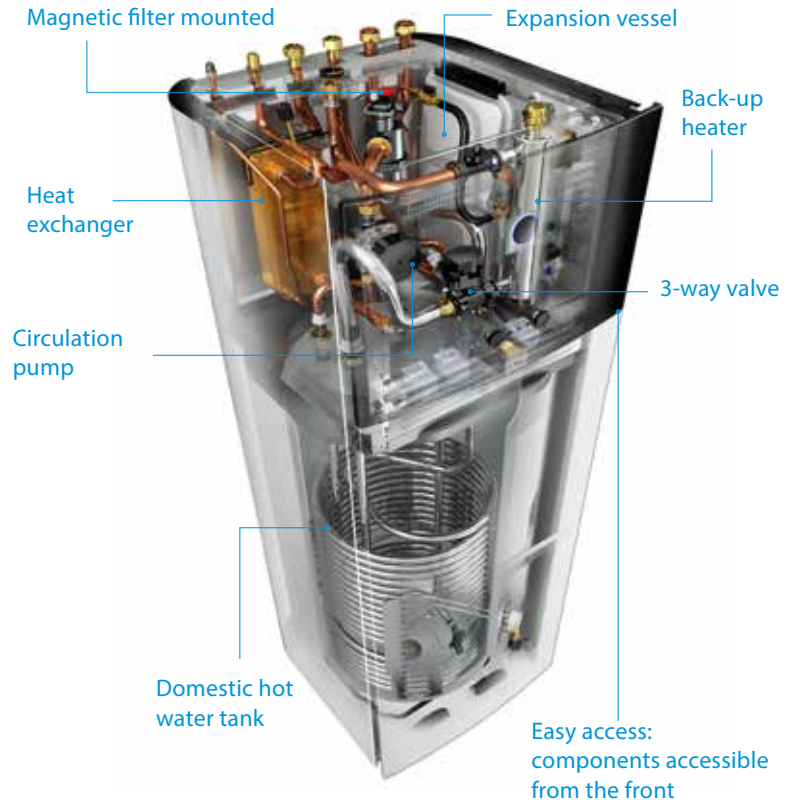
Compared to the traditional split version for a wall mounted indoor unit and a separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

With a small footprint of 595 x 625 mm, the integrated indoor unit has a similar footprint when compared to other household appliances.

For installation projects, almost no side clearance is necessary as the piping is located at the top of the unit.

With an installation height of 1,65 m for a 180 L tank and 1,85 m for a 230 L tank, the required installation height is less than 2 m.

The compactness of the integrated indoor unit is emphasised by its sleek design and modern look, easy blending in with other household appliances.



## Advanced user interface



### The Daikin Eye

The intuitive Daikin eye shows you in real time the status of the system. Blue is perfect! Should the eye turn red, an error has occurred.

## Quick to configure

Log in and you'll be able to completely configure the unit via the new interface in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

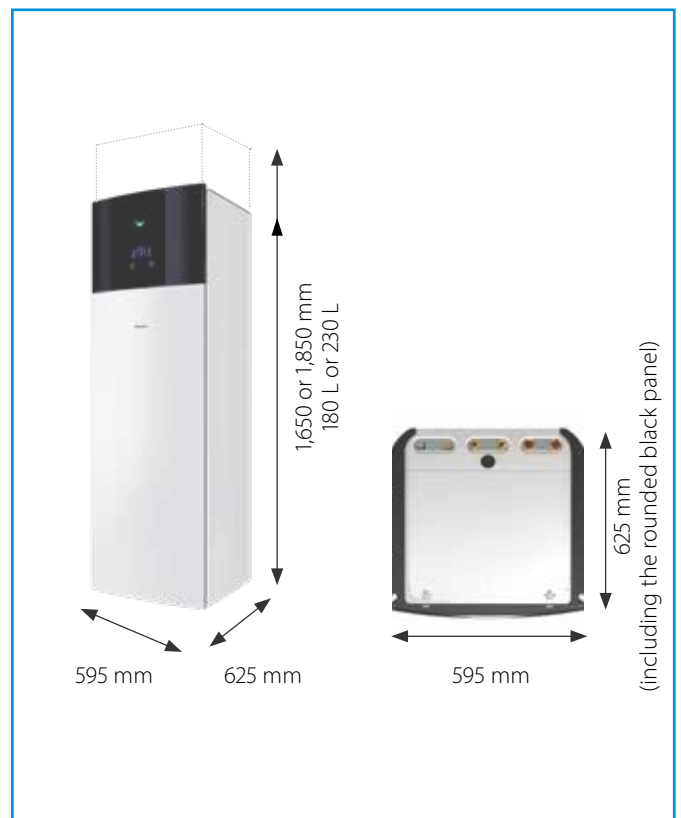
## Easy operation

Work super-fast with the new interface. It's super easy to use with just a few buttons and 2 navigational knobs.

## Beautiful design

The interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

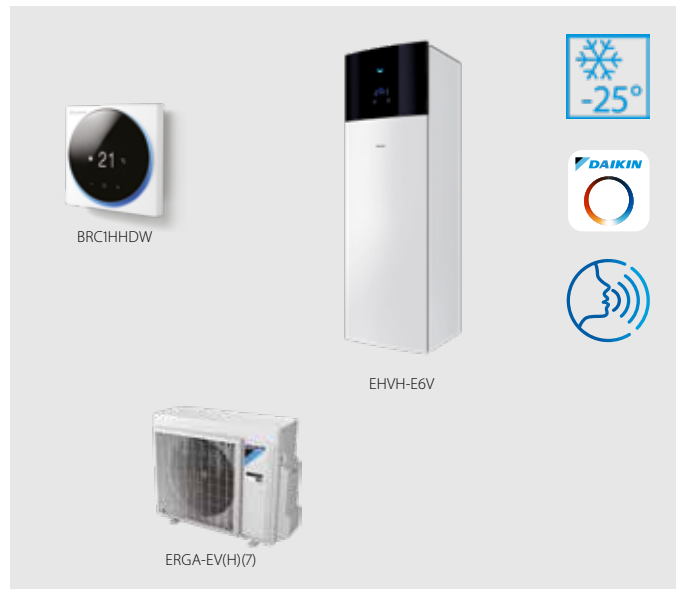
## Integrated indoor unit



# Daikin Altherma 3 R F

Floor standing air to water heat pump for **heating and hot water**; ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



011-1W0218 → 222  
011-1W0245, 247  
011-1W0249 → 251



up to

A+++



A+

65 °C

R-32

| Efficiency data                                                                                                |                                       |                                |                                        | EHVH + ERGA            |        | 04S18E6V<br>+ 04EV |  | 04S23E6V<br>+ 04EV   |  | 08S18E6VE/9W<br>+ 06EVH |                                      | 08S23E6VE/9W<br>+ 06EVH |  | 08S18E6V/9W<br>+ 08EVH7 |  | 08S23E6VE/9W<br>+ 08EVH7 |  |  |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|----------------------------------------|------------------------|--------|--------------------|--|----------------------|--|-------------------------|--------------------------------------|-------------------------|--|-------------------------|--|--------------------------|--|--|
| Heating capacity                                                                                               |                                       | Nom.                           |                                        |                        |        | kW                 |  | 4.30 (1) / 4.60 (2)  |  | 6.00 (1) / 5.90 (2)     |                                      | 7.50 (1) / 7.80 (2)     |  |                         |  |                          |  |  |
| Power input                                                                                                    |                                       | Heating                        |                                        | Nom.                   |        | kW                 |  | 0.850 (1) / 1.26 (2) |  | 1.24 (1) / 1.69 (2)     |                                      | 1.63 (1) / 2.23 (2)     |  |                         |  |                          |  |  |
| COP                                                                                                            |                                       |                                |                                        |                        |        |                    |  | 5.10 (1) / 3.65 (2)  |  | 4.85 (1) / 3.50 (2)     |                                      | 4.60 (1) / 3.50 (2)     |  |                         |  |                          |  |  |
| Space heating               | Average climate water outlet 55 °C    | General                        | SCOP                                   |                        |        |                    |  | 3.26                 |  |                         |                                      | 3.32                    |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | ηs (Seasonal space heating efficiency) | %                      |        |                    |  | 127                  |  |                         |                                      | 130                     |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Seasonal space heating eff. class      |                        |        |                    |  | A++                  |  |                         |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                | Average climate water outlet 35 °C    | General                        | SCOP                                   |                        |        | 4.48               |  |                      |  | 4.47                    |                                      | 4.56                    |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | ηs (Seasonal space heating efficiency) | %                      |        |                    |  | 176                  |  |                         |                                      | 179                     |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Seasonal space heating eff. class      |                        |        |                    |  | A+++                 |  |                         |                                      |                         |  |                         |  |                          |  |  |
| Domestic hot water heating  | General                               | Declared load profile          |                                        |                        |        | L                  |  | XL                   |  | L                       |                                      | XL                      |  | L                       |  | XL                       |  |  |
|                                                                                                                | Average climate                       | ηwh (water heating efficiency) |                                        | %                      |        | 125                |  | 133                  |  | 125                     |                                      | 133                     |  | 125                     |  | 133                      |  |  |
|                                                                                                                | Water heating energy efficiency class |                                |                                        |                        |        |                    |  |                      |  | A+                      |                                      |                         |  |                         |  |                          |  |  |
| Indoor Unit                                                                                                    |                                       |                                |                                        | EHVH                   |        | 04S18E6V           |  | 04S23E6V             |  | 08S18E6VH/E9WH          |                                      | 08S23E6VH/E9WH          |  | 08S18E6VH/E9WH          |  | 08S23E6VH/E9WH           |  |  |
| Casing                                                                                                         |                                       | Colour                         |                                        |                        |        |                    |  |                      |  | White + Black           |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       | Material                       |                                        |                        |        |                    |  |                      |  | Resin / Sheet metal     |                                      |                         |  |                         |  |                          |  |  |
| Dimensions                                                                                                     |                                       | Unit                           |                                        | Height x Width x Depth |        | mm                 |  | 1,650 x 595 x 625    |  | 1,850 x 595 x 625       |                                      | 1,650 x 595 x 625       |  | 1,850 x 595 x 625       |  | 1,650 x 595 x 625        |  |  |
| Weight                                                                                                         |                                       | Unit                           |                                        |                        |        | kg                 |  | 119                  |  | 128                     |                                      | 119                     |  | 128                     |  | 119                      |  |  |
|                                                                                                                |                                       | Water volume                   |                                        |                        |        | l                  |  | 180                  |  | 230                     |                                      | 180                     |  | 230                     |  | 180                      |  |  |
| Tank                                                                                                           |                                       |                                | 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 ~65                  |                                      |                         |  |                         |  |                          |  |  |
| Domestic hot water                                                                                             |                                       | Ambient                        | Min.~Max.                              | °CDB                   |        |                    |  |                      |  | 5~35                    |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       | Water side                     | Max.                                   | °C                     |        |                    |  |                      |  | 70                      |                                      |                         |  |                         |  |                          |  |  |
| Sound power level                                                                                              |                                       | Nom.                           |                                        |                        |        | dBA                |  |                      |  | 42                      |                                      |                         |  |                         |  |                          |  |  |
| Sound pressure level                                                                                           |                                       | Nom.                           |                                        |                        |        | dBA                |  |                      |  | 28                      |                                      |                         |  |                         |  |                          |  |  |
| Outdoor Unit                                                                                                   |                                       |                                |                                        | ERGA                   |        | 04EV               |  | 06EVH                |  | 08EVH7                  |                                      |                         |  |                         |  |                          |  |  |
| Dimensions                                                                                                     |                                       | Unit                           |                                        | Height x Width x Depth |        | mm                 |  |                      |  | 740 x 884 x 388         |                                      |                         |  |                         |  |                          |  |  |
| Weight                                                                                                         |                                       | Unit                           |                                        |                        |        | kg                 |  |                      |  | 58.5                    |                                      |                         |  |                         |  |                          |  |  |
| Compressor                                                                                                     |                                       |                                | Quantity                               |                        |        |                    |  |                      |  |                         | 1                                    |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Type                                   |                        |        |                    |  |                      |  |                         | Hermetically sealed swing compressor |                         |  |                         |  |                          |  |  |
| Operation range                                                                                                | Cooling                               | Min.~Max.                      |                                        | °CDB                   |        |                    |  |                      |  | 10~43                   |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                | Domestic hot water                    | Min.~Max.                      |                                        | °CDB                   |        |                    |  |                      |  | -25~35                  |                                      |                         |  |                         |  |                          |  |  |
| Refrigerant                                                                                                    |                                       |                                | Type                                   |                        |        |                    |  |                      |  |                         | R-32                                 |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | GWP                                    |                        |        |                    |  |                      |  |                         | 675.0                                |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Charge                                 |                        | kg     |                    |  |                      |  |                         | 1.50                                 |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Charge                                 |                        | TCO:Eq |                    |  |                      |  |                         | 1.01                                 |                         |  |                         |  |                          |  |  |
|                                                                                                                |                                       |                                | Control                                |                        |        |                    |  |                      |  |                         | Expansion valve                      |                         |  |                         |  |                          |  |  |
| Sound power level                                                                                              | Heating                               | Nom.                           |                                        | dBA                    |        | 58                 |  | 60                   |  | 62                      |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                | Cooling                               | Nom.                           |                                        | dBA                    |        | 61                 |  |                      |  | 62                      |                                      |                         |  |                         |  |                          |  |  |
| Sound pressure level                                                                                           | Heating                               | Nom.                           |                                        | dBA                    |        | 44                 |  | 47                   |  | 49                      |                                      |                         |  |                         |  |                          |  |  |
|                                                                                                                | Cooling                               | Nom.                           |                                        | dBA                    |        | 48                 |  | 49                   |  | 50                      |                                      |                         |  |                         |  |                          |  |  |
| Power supply                                                                                                   |                                       | Name/Phase/Frequency/Voltage   |                                        |                        |        | Hz/V               |  |                      |  | V3/1N~/50/230           |                                      |                         |  |                         |  |                          |  |  |
| Current                                                                                                        |                                       | Recommended fuses              |                                        |                        |        | A                  |  |                      |  | 25                      |                                      |                         |  |                         |  |                          |  |  |

(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). This product contains fluorinated greenhouse gases.



# Daikin Altherma 3 R F

Floor standing air to water heat pump for **heating, cooling and hot water**; ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater choice of 3, 6, 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



011-1W0218 → 222  
011-1W0245, 247  
011-1W0249 → 251



up to

**A+++**



**A+**

**65 °C**

**R-32**

| Efficiency data                                                                                                |                                    |                                |                                        | EHVX + ERGA                           | 04S18E3V/E6V<br>+ 04EV               |                     | 04S23E3V/E6V<br>+ 04EV |                      | 08S18E6V/E9W<br>+ 06EVH |                     | 08S23E6V/E9W<br>+ 06EVH |                     | 08S18E6V/E9W<br>+ 08EVH7 |                     | 08S23E6V/E9W<br>+ 08EVH7 |                     |  |  |  |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------|----------------------------------------|---------------------------------------|--------------------------------------|---------------------|------------------------|----------------------|-------------------------|---------------------|-------------------------|---------------------|--------------------------|---------------------|--------------------------|---------------------|--|--|--|
| Heating capacity                                                                                               |                                    | Nom.                           |                                        |                                       | kW                                   | 4.30 (1) / 4.60 (2) |                        |                      |                         | 6.00 (1) / 5.90 (2) |                         |                     |                          | 7.50 (1) / 7.80 (2) |                          |                     |  |  |  |
| Power input                                                                                                    |                                    | Heating                        |                                        | Nom.                                  |                                      |                     | kW                     | 0.850 (1) / 1.26 (2) |                         |                     |                         | 1.24 (1) / 1.69 (2) |                          |                     |                          | 1.63 (1) / 2.23 (2) |  |  |  |
| Cooling capacity                                                                                               |                                    | Nom.                           |                                        |                                       | kW                                   | 4.86 (1) / 4.52 (2) |                        |                      |                         | 5.96 (1) / 5.09 (2) |                         |                     |                          | 6.25 (1) / 5.44 (2) |                          |                     |  |  |  |
| Power input                                                                                                    |                                    | Cooling                        |                                        | Nom.                                  |                                      |                     | kW                     | 0.810 (1) / 1.36 (2) |                         |                     |                         | 1.06 (1) / 1.55 (2) |                          |                     |                          | 1.16 (1) / 1.73 (2) |  |  |  |
| COP                                                                                                            |                                    |                                |                                        |                                       |                                      |                     |                        | 5.10 (1) / 3.65 (2)  |                         |                     |                         | 4.85 (1) / 3.50 (2) |                          |                     |                          | 4.60 (1) / 3.50 (2) |  |  |  |
| EER                                                                                                            |                                    |                                |                                        |                                       |                                      |                     |                        | 5.98 (1) / 3.32 (2)  |                         |                     |                         | 5.61 (1) / 3.28 (2) |                          |                     |                          | 5.40 (1) / 3.14 (2) |  |  |  |
|  Space heating              | Average climate water outlet 55 °C | General                        | SCOP                                   |                                       |                                      | 3.29                |                        |                      |                         | 3.28                |                         |                     |                          | 3.35                |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | ηs (Seasonal space heating efficiency) | %                                     | 129                                  |                     |                        |                      | 128                     |                     |                         |                     | 131                      |                     |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | Seasonal space heating eff. class      |                                       |                                      |                     |                        |                      | A++                     |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                | Average climate water outlet 35 °C | General                        | SCOP                                   |                                       |                                      | 4.54                |                        |                      |                         | 4.52                |                         |                     |                          | 4.61                |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | ηs (Seasonal space heating efficiency) | %                                     | 179                                  |                     |                        |                      | 178                     |                     |                         |                     | 181                      |                     |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | Seasonal space heating eff. class      |                                       |                                      |                     |                        |                      | A+++                    |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|  Domestic hot water heating | General                            | Declared load profile          |                                        |                                       |                                      | L                   |                        | XL                   |                         | L                   |                         | XL                  |                          | L                   |                          | XL                  |  |  |  |
|                                                                                                                | Average climate                    | ηwh (water heating efficiency) |                                        | %                                     | 127                                  | 125                 | 134                    | 133                  | 125                     |                     | 133                     |                     | 125                      |                     | 133                      |                     |  |  |  |
|                                                                                                                |                                    |                                |                                        | Water heating energy efficiency class |                                      | A+                  |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Indoor Unit                                                                                                    |                                    |                                |                                        |                                       | EHVX                                 | 04S18E3V/E6V        |                        | 04S23E3V/E6V         |                         | 08S18E6V/E9W        |                         | 08S23E6V/E9W        |                          | 08S18E6V/E9W        |                          | 08S23E6V/E9W        |  |  |  |
| Casing                                                                                                         |                                    | Colour                         |                                        | White + Black                         |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Material                       |                                        | Resin / Sheet metal                   |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Dimensions                                                                                                     |                                    | Unit                           | Height x Width x Depth                 |                                       | mm                                   | 1,650 x 595 x 625   |                        | 1,850 x 595 x 625    |                         | 1,650 x 595 x 625   |                         | 1,850 x 595 x 625   |                          | 1,650 x 595 x 625   |                          | 1,850 x 595 x 625   |  |  |  |
| Weight                                                                                                         |                                    | Unit                           |                                        |                                       | kg                                   | 119                 |                        | 128                  |                         | 119                 |                         | 128                 |                          | 119                 |                          | 128                 |  |  |  |
| Tank                                                                                                           |                                    | Water volume                   |                                        | l                                     | 180                                  |                     | 230                    |                      | 180                     |                     | 230                     |                     | 180                      |                     | 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 ~65              |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Cooling                        | Ambient                                | Min.~Max.                             | °CDB                                 | 5~35                |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | Water side                             | Min.~Max.                             | °C                                   | 5~22                |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Domestic hot water             | Ambient                                | Min.~Max.                             | °CDB                                 | 5~35                |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    |                                | Water side                             | Max.                                  | °C                                   | 70                  |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Sound power level                                                                                              |                                    | Nom.                           |                                        | dBA                                   | 42                                   |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Sound pressure level                                                                                           |                                    | Nom.                           |                                        | dBA                                   | 28                                   |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Outdoor Unit                                                                                                   |                                    |                                |                                        |                                       | ERGA                                 | 04EV                |                        |                      |                         | 06EVH               |                         |                     |                          | 08EVH7              |                          |                     |  |  |  |
| Dimensions                                                                                                     |                                    | Unit                           | Height x Width x Depth                 |                                       | mm                                   | 740 x 884 x 388     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Weight                                                                                                         |                                    | Unit                           |                                        |                                       | kg                                   | 58.5                |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Compressor                                                                                                     |                                    | Quantity                       |                                        |                                       | 1                                    |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Type                           |                                        |                                       | Hermetically sealed swing compressor |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Operation range                                                                                                |                                    | Cooling                        | Min.~Max.                              | °CDB                                  | 10~43                                |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Domestic hot water             | Min.~Max.                              | °CDB                                  | -25~35                               |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Refrigerant                                                                                                    |                                    | Type                           | R-32                                   |                                       |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | GWP                            | 675.0                                  |                                       |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Charge                         | kg                                     | 1.50                                  |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Charge                         | TCO2/Eq                                | 1.01                                  |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Control                        | Expansion valve                        |                                       |                                      |                     |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Sound power level                                                                                              |                                    | Heating                        | Nom.                                   | dBA                                   | 58                                   |                     |                        |                      | 60                      |                     |                         |                     | 62                       |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Cooling                        | Nom.                                   | dBA                                   | 61                                   |                     |                        |                      |                         |                     |                         |                     | 62                       |                     |                          |                     |  |  |  |
| Sound pressure level                                                                                           |                                    | Heating                        | Nom.                                   | dBA                                   | 44                                   |                     |                        |                      | 47                      |                     |                         |                     | 49                       |                     |                          |                     |  |  |  |
|                                                                                                                |                                    | Cooling                        | Nom.                                   | dBA                                   | 48                                   |                     |                        |                      | 49                      |                     |                         |                     | 50                       |                     |                          |                     |  |  |  |
| Power supply                                                                                                   |                                    | Name/Phase/Frequency/Voltage   |                                        |                                       | Hz/V                                 | V3/1N~/50/230       |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |
| Current                                                                                                        |                                    | Recommended fuses              |                                        |                                       | A                                    | 25                  |                        |                      |                         |                     |                         |                     |                          |                     |                          |                     |  |  |  |

(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).  
This product contains fluorinated greenhouse gases.

# Daikin Altherma 3 R F

Floor standing integrated with **two different temperature zones monitoring**

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



011-1W0218 → 222



up to

A+++



A+



R-32

| Efficiency data                       |                                               |                              |                                                     | EHVZ + ERGA                                |                     | 04S18E6V + 04EV      |                   | 08S18E6V/E9W + 06EVH                 |                   | 08S23E6V/E9W + 06EVH |                   | 08S18E6V/E9W + 08EVH7 |                   | 08S23E6V/E9W + 08EVH7 |        |                 |
|---------------------------------------|-----------------------------------------------|------------------------------|-----------------------------------------------------|--------------------------------------------|---------------------|----------------------|-------------------|--------------------------------------|-------------------|----------------------|-------------------|-----------------------|-------------------|-----------------------|--------|-----------------|
| Heating capacity                      |                                               | Nom.                         |                                                     | kW                                         |                     | 4.30 (1) / 4.60 (2)  |                   | 6.00 (1) / 5.90 (2)                  |                   |                      |                   | 7.50 (1) / 7.80 (2)   |                   |                       |        |                 |
| Power input                           |                                               | Heating Nom.                 |                                                     | kW                                         |                     | 0.850 (1) / 1.26 (2) |                   | 1.24 (1) / 1.69 (2)                  |                   |                      |                   | 1.63 (1) / 2.23 (2)   |                   |                       |        |                 |
| COP                                   |                                               |                              |                                                     |                                            |                     | 5.10 (1) / 3.65 (2)  |                   | 4.85 (1) / 3.50 (2)                  |                   |                      |                   | 4.60 (1) / 3.50 (2)   |                   |                       |        |                 |
| <div>Space heating</div>              | <div>Average climate water outlet 55 °C</div> | General                      | SCOP                                                |                                            |                     |                      | 3.26              |                                      |                   |                      | 3.32              |                       |                   |                       |        |                 |
|                                       |                                               |                              | η <sub>sp</sub> (Seasonal space heating efficiency) |                                            | %                   |                      | 127               |                                      |                   |                      | 130               |                       |                   |                       |        |                 |
|                                       |                                               |                              | Seasonal space heating eff. class                   |                                            |                     |                      | A++               |                                      |                   |                      |                   |                       |                   |                       |        |                 |
|                                       | <div>Average climate water outlet 35 °C</div> | General                      | SCOP                                                |                                            | 4.48                |                      | 4.47              |                                      |                   |                      | 4.56              |                       |                   |                       |        |                 |
|                                       |                                               |                              | η <sub>sp</sub> (Seasonal space heating efficiency) |                                            | %                   |                      | 176               |                                      |                   |                      | 179               |                       |                   |                       |        |                 |
|                                       |                                               |                              | Seasonal space heating eff. class                   |                                            |                     |                      | A+++              |                                      |                   |                      |                   |                       |                   |                       |        |                 |
| <div>Domestic hot water heating</div> |                                               | General                      |                                                     | Declared load profile                      |                     | L                    |                   | XL                                   |                   | L                    |                   | XL                    |                   |                       |        |                 |
|                                       |                                               | Average climate              |                                                     | η <sub>wh</sub> (water heating efficiency) |                     | 125                  |                   | 133                                  |                   | 125                  |                   | 133                   |                   |                       |        |                 |
|                                       |                                               |                              |                                                     | Water heating energy efficiency class      |                     |                      |                   | A+                                   |                   |                      |                   |                       |                   |                       |        |                 |
| Indoor Unit                           |                                               |                              |                                                     | EHVZ                                       |                     | 04S18E6V             |                   | 08S18E6V/E9W                         |                   | 08S23E6V/E9W         |                   | 08S18E6V/E9W          |                   | 08S23E6V/E9W          |        |                 |
| Casing                                |                                               | Colour                       |                                                     |                                            |                     |                      |                   | White + Black                        |                   |                      |                   |                       |                   |                       |        |                 |
|                                       |                                               | Material                     |                                                     |                                            |                     |                      |                   | Resin / Sheet metal                  |                   |                      |                   |                       |                   |                       |        |                 |
| Dimensions                            |                                               | Unit                         | Height x Width x Depth                              |                                            | mm                  |                      | 1,650 x 595 x 625 |                                      | 1,850 x 595 x 625 |                      | 1,650 x 595 x 625 |                       | 1,850 x 595 x 625 |                       |        |                 |
| Weight                                |                                               | Unit                         |                                                     |                                            | kg                  |                      | 125               |                                      | 133               |                      | 125               |                       | 133               |                       |        |                 |
| Tank                                  |                                               | Water volume                 |                                                     | l                                          |                     | 180                  |                   | 230                                  |                   | 180                  |                   | 230                   |                   |                       |        |                 |
|                                       |                                               | Maximum water temperature    |                                                     | °C                                         |                     | 70                   |                   | 70                                   |                   | 70                   |                   | 70                    |                   |                       |        |                 |
|                                       |                                               | Maximum water pressure       |                                                     | bar                                        |                     | 10                   |                   | 10                                   |                   | 10                   |                   | 10                    |                   |                       |        |                 |
|                                       |                                               | Corrosion protection         |                                                     |                                            |                     | Pickling             |                   | Pickling                             |                   | Pickling             |                   | Pickling              |                   |                       |        |                 |
| Operation range                       |                                               | Heating                      | Ambient                                             | Min.~Max.                                  |                     | °C                   |                   | 5~30                                 |                   | 5~30                 |                   | 5~30                  |                   | 5~30                  |        |                 |
|                                       |                                               |                              | Water side                                          | Min.~Max.                                  |                     | °C                   |                   | 15 ~65                               |                   | 15 ~65               |                   | 15 ~65                |                   | 15 ~65                |        |                 |
|                                       |                                               | Domestic hot water           | Ambient                                             | Min.~Max.                                  |                     | °CDB                 |                   | 5~35                                 |                   | 5~35                 |                   | 5~35                  |                   | 5~35                  |        |                 |
| Water side                            | Max.                                          |                              | °C                                                  |                                            | 70                  |                      | 70                |                                      | 70                |                      | 70                |                       |                   |                       |        |                 |
| Sound power level                     |                                               | Nom.                         |                                                     | dBA                                        |                     | 42                   |                   | 42                                   |                   | 42                   |                   | 42                    |                   | 42                    |        |                 |
| Sound pressure level                  |                                               | Nom.                         |                                                     | dBA                                        |                     | 28                   |                   | 28                                   |                   | 28                   |                   | 28                    |                   | 28                    |        |                 |
| Outdoor Unit                          |                                               |                              |                                                     | ERGA                                       |                     | 04EV                 |                   | 06EVH                                |                   |                      |                   | 08EVH7                |                   |                       |        |                 |
| Dimensions                            |                                               | Unit                         | Height x Width x Depth                              |                                            | mm                  |                      |                   |                                      | 740 x 884 x 388   |                      |                   |                       |                   |                       |        |                 |
| Weight                                |                                               | Unit                         |                                                     |                                            | kg                  |                      |                   |                                      | 58.5              |                      |                   |                       |                   |                       |        |                 |
| Compressor                            |                                               | Quantity                     |                                                     |                                            |                     |                      |                   | 1                                    |                   |                      |                   |                       |                   |                       |        |                 |
|                                       |                                               | Type                         |                                                     |                                            |                     |                      |                   | Hermetically sealed swing compressor |                   |                      |                   |                       |                   |                       |        |                 |
| Operation range                       |                                               | Cooling                      | Min.~Max.                                           |                                            | °CDB                |                      | 10~43             |                                      | 10~43             |                      | 10~43             |                       | 10~43             |                       | 10~43  |                 |
|                                       |                                               | Domestic hot water           | Min.~Max.                                           |                                            | °CDB                |                      | -25~35            |                                      | -25~35            |                      | -25~35            |                       | -25~35            |                       | -25~35 |                 |
| Refrigerant                           |                                               | Type                         |                                                     |                                            |                     |                      |                   | R-32                                 |                   | R-32                 |                   | R-32                  |                   | R-32                  |        |                 |
|                                       |                                               | GWP                          |                                                     |                                            |                     |                      |                   | 675.0                                |                   | 675.0                |                   | 675.0                 |                   | 675.0                 |        |                 |
|                                       |                                               | Charge                       |                                                     |                                            | kg                  |                      | 1.50              |                                      | 1.50              |                      | 1.50              |                       | 1.50              |                       | 1.50   |                 |
|                                       |                                               | Charge                       |                                                     |                                            | TCO <sub>2</sub> Eq |                      | 1.01              |                                      | 1.01              |                      | 1.01              |                       | 1.01              |                       | 1.01   |                 |
|                                       |                                               | Control                      |                                                     |                                            |                     |                      |                   | Expansion valve                      |                   | Expansion valve      |                   | Expansion valve       |                   | Expansion valve       |        | Expansion valve |
| Sound power level                     |                                               | Heating                      | Nom.                                                |                                            | dBA                 |                      | 58                | 60                                   |                   | 62                   |                   | 62                    |                   | 62                    |        |                 |
|                                       |                                               | Cooling                      | Nom.                                                |                                            | dBA                 |                      | 61                | 62                                   |                   | 62                   |                   | 62                    |                   | 62                    |        |                 |
| Sound pressure level                  |                                               | Heating                      | Nom.                                                |                                            | dBA                 |                      | 44                | 47                                   |                   | 49                   |                   | 49                    |                   | 49                    |        |                 |
|                                       |                                               | Cooling                      | Nom.                                                |                                            | dBA                 |                      | 48                | 49                                   |                   | 50                   |                   | 50                    |                   | 50                    |        |                 |
| Power supply                          |                                               | Name/Phase/Frequency/Voltage |                                                     |                                            | Hz/V                |                      |                   |                                      | V3/1N~/50/230     |                      |                   |                       |                   |                       |        |                 |
| Current                               |                                               | Recommended fuses            |                                                     |                                            | A                   |                      |                   |                                      | 25                |                      |                   |                       |                   |                       |        |                 |

(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). This product contains fluorinated greenhouse gases.



# Floor standing unit with integrated ECH<sub>2</sub>O tank

The Daikin Altherma low temperature split integrated ECH<sub>2</sub>O is renowned for its ability to maximise renewable energy sources to provide the ultimate comfort in heating, domestic hot water and cooling.

## Intelligent storage management

- › The unit is 'Smart Grid' ready to take advantage of low energy tariffs and efficiently store thermal energy for space heating and domestic hot water
- › Continuous heating during defrost mode and use of stored heat for space heating (500 l tank only)
- › Electronic management of both heat pump and ECH<sub>2</sub>O thermal store maximises energy efficiency, as well as convenient heating and domestic hot water
- › Achieves the highest standards for water sanitation
- › Uses more renewable energy with solar connection

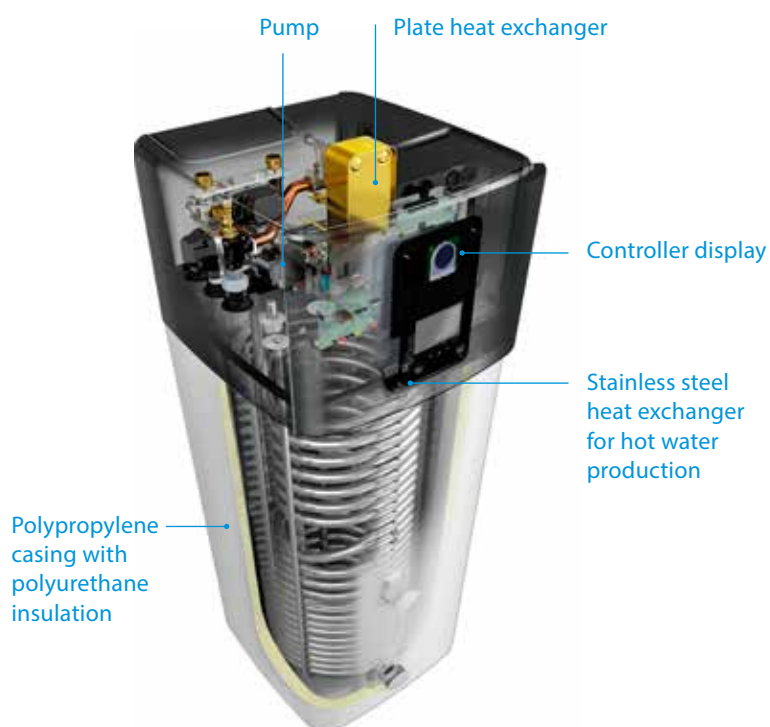
## Innovative and high-quality tank

- › Lightweight plastic tank
- › No corrosion, anode, scale or lime deposits
- › Contains impact resistant polypropylene inner and outer walls filled with high-grade insulation foam to reduce heat losses to a minimum

## Combinable with other heat sources

- › The bivalent option allows heat from other sources such as oil, gas or pellet-fired boilers to be stored in the solar system, further lowering energy consumption

## ECH<sub>2</sub>O



## Advanced user interface



### The Daikin-Eye

The intuitive Daikin eye shows you in real time the status of your system. Blue is perfect! Should the eye turn red, an error has occurred.

## Quick to configure

Log in and you'll be able to completely configure the unit in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

## Easy operation

The user interface works really fast thanks to its icon-based menus.

## Beautiful design

The interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.



## ECH<sub>2</sub>O thermal store range: additional hot water comfort

Combine your indoor unit with a thermal store to achieve the ultimate comfort at home

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options

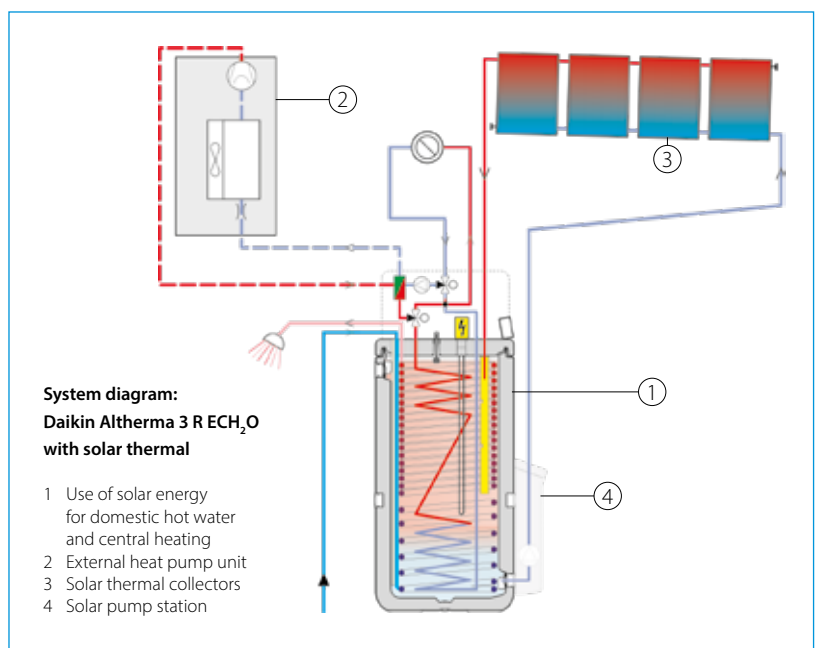
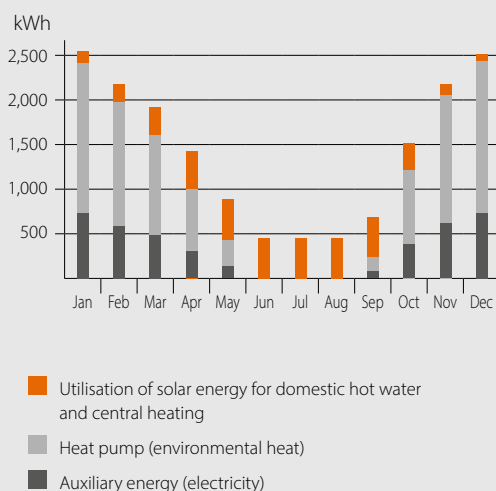
### Pressureless (drain-back) solar system (EHS<sub>H</sub>-E, EHS<sub>X</sub>-E)

- › The solar collectors are only filled with water when sufficient heating is provided by the sun
- › The pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water
- › After filling, water circulation is maintained by the remaining pump

### Pressurised solar system (EHS<sub>HB</sub>-E, EHS<sub>XB</sub>-E)

- › System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
- › System is pressurised and sealed

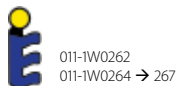
Monthly energy consumption of an average detached house



# Daikin Altherma 3 R ECH<sub>2</sub>O

Floor standing air to water heat pump for **heating and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Solar support of domestic hot water with pressureless (drain-back) solar system
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump
- › Compatible with the Onecta app
- › Voice control available



| Efficiency data                       |                                    |                                       |                                        | EHSH + ERGA | 04P30E + 04EV                                     | 08P30E + 06EVH      | 08P50E + 06EVH      | 08P30E + 08EVH7     | 08P50E + 08EVH7     |                   |
|---------------------------------------|------------------------------------|---------------------------------------|----------------------------------------|-------------|---------------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| Heating capacity                      | Nom.                               |                                       |                                        | kW          | 4.30 (1) / 4.60 (2)                               | 6.00 (1) / 5.90 (2) |                     | 7.50 (1) / 7.80 (2) |                     |                   |
| Power input                           | Heating                            | Nom.                                  |                                        |             | kW                                                | 0.84 (1) / 1.26 (2) | 1.24 (1) / 1.69 (2) |                     | 1.63 (1) / 2.23 (2) |                   |
| COP                                   |                                    |                                       |                                        |             | 5.10 (1) / 3.65 (2)                               | 4.85 (1) / 3.50 (2) |                     | 4.60 (1) / 3.50 (2) |                     |                   |
| <div>Space heating</div>              | Average climate water outlet 55 °C | General                               | SCOP                                   |             | 3.26                                              |                     | 3.32                |                     |                     |                   |
|                                       |                                    |                                       | ηs (Seasonal space heating efficiency) | %           | 127                                               |                     | 130                 |                     |                     |                   |
|                                       |                                    |                                       | Seasonal space heating eff. class      |             | A++                                               |                     |                     |                     |                     |                   |
|                                       | Average climate water outlet 35 °C | General                               | SCOP                                   |             | 4.48                                              | 4.47                |                     | 4.56                |                     |                   |
|                                       |                                    |                                       | ηs (Seasonal space heating efficiency) | %           | 176                                               |                     | 179                 |                     |                     |                   |
|                                       |                                    |                                       | Seasonal space heating eff. class      |             | A+++                                              |                     |                     |                     |                     |                   |
| <div>Domestic hot water heating</div> | General                            | Declared load profile                 |                                        |             | L                                                 |                     | XL                  | L                   | XL                  |                   |
|                                       | Average climate                    | ηwh (water heating efficiency)        |                                        |             | %                                                 | 118                 | 125                 | 118                 | 125                 |                   |
|                                       |                                    | Water heating energy efficiency class |                                        |             |                                                   | A+                  |                     |                     |                     |                   |
| Indoor Unit                           |                                    |                                       |                                        | EHSH        | 04P30E                                            | 08P30E              | 08P50E              | 08P30E              | 08P50E              |                   |
| Casing                                | Colour                             |                                       |                                        |             | Traffic white (RAL9016) / Traffic black (RAL9017) |                     |                     |                     |                     |                   |
|                                       | Material                           |                                       |                                        |             | Impact resistant polypropylene                    |                     |                     |                     |                     |                   |
| Dimensions                            | Unit                               | Height x Width x Depth                |                                        |             | mm                                                | 1,892 x 594 x 644   |                     | 1,905 x 792 x 812   | 1,892 x 594 x 644   | 1,905 x 792 x 812 |
| Weight                                | Unit                               |                                       |                                        |             | kg                                                | 77                  | 107                 | 77                  | 107                 | 107               |
| Tank                                  | Water volume                       |                                       |                                        | l           | 294                                               |                     | 477                 | 294                 | 477                 | 477               |
|                                       | Maximum water temperature          |                                       |                                        | °C          |                                                   |                     | 85                  |                     |                     |                   |
| Operation range                       | Heating                            | Ambient                               | Min.~Max.                              | °C          |                                                   |                     | -25~25              |                     |                     |                   |
|                                       |                                    | Water side                            | Min.~Max.                              | °C          |                                                   |                     | 18~65               |                     |                     |                   |
|                                       | Domestic hot water                 | Ambient                               | Min.~Max.                              | °CDB        |                                                   |                     | -25~35              |                     |                     |                   |
|                                       |                                    | Water side                            | Min.~Max.                              | °C          |                                                   |                     | 25~55               |                     |                     |                   |
| Sound power level                     | Nom.                               |                                       |                                        | dBA         |                                                   |                     | 39                  |                     |                     |                   |
| Outdoor Unit                          |                                    |                                       |                                        | ERGA        | 04EV                                              | 06EVH               |                     | 08EVH7              |                     |                   |
| Dimensions                            | Unit                               | Height x Width x Depth                |                                        |             | mm                                                | 740 x 884 x 388     |                     |                     |                     |                   |
| Weight                                | Unit                               |                                       |                                        |             | kg                                                | 58.5                |                     |                     |                     |                   |
| Compressor                            | Quantity                           |                                       |                                        |             | 1                                                 |                     |                     |                     |                     |                   |
|                                       | Type                               |                                       |                                        |             | Hermetically sealed swing compressor              |                     |                     |                     |                     |                   |
| Operation range                       | Cooling                            | Min.~Max.                             |                                        |             | °CDB                                              | 10.0~43.0           |                     |                     |                     |                   |
|                                       | Domestic hot water                 | Min.~Max.                             |                                        |             | °CDB                                              | -25 ~35             |                     |                     |                     |                   |
| Refrigerant                           | Type                               |                                       |                                        |             |                                                   | R-32                |                     |                     |                     |                   |
|                                       | GWP                                |                                       |                                        |             |                                                   | 675.0               |                     |                     |                     |                   |
|                                       | Charge                             |                                       |                                        |             | kg                                                | 1.50                |                     |                     |                     |                   |
|                                       | Charge                             |                                       |                                        |             | TCO/Eq                                            | 1.01                |                     |                     |                     |                   |
|                                       | Control                            |                                       |                                        |             |                                                   | Expansion valve     |                     |                     |                     |                   |
| Sound power level                     | Heating                            | Nom.                                  |                                        |             | dBA                                               | 58                  | 60                  |                     | 62                  |                   |
|                                       | Cooling                            | Nom.                                  |                                        |             | dBA                                               | 61                  |                     |                     | 62                  |                   |
| Sound pressure level                  | Heating                            | Nom.                                  |                                        |             | dBA                                               | 44                  | 47                  |                     | 49                  |                   |
|                                       | Cooling                            | Nom.                                  |                                        |             | dBA                                               | 48                  | 49                  |                     | 50                  |                   |
| Power supply                          | Name/Phase/Frequency/Voltage       |                                       |                                        |             | Hz/V                                              | V3/1N~/50/230       |                     |                     |                     |                   |
| Current                               | Recommended fuses                  |                                       |                                        |             | A                                                 | 25                  |                     |                     |                     |                   |

(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). This product contains fluorinated greenhouse gases.

# Daikin Altherma 3 R ECH<sub>2</sub>O

Floor standing air to water heat pump for **bivalent heating and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Bivalent system: combinable with a secondary heat source
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation
- › Compatible with the Onecta app
- › Voice control available



011-1W0262  
011-1W0264 → 267

| Efficiency data                       |                                       |                                            |                                                    | EHSB + ERGA |      | 04P30E + 04EV                                     |                     | 08P30E + 06EVH      |                     | 08P50E + 06EVH |                   | 08P30E + 08EVH7     |                     | 08P50E + 08EVH7 |  |  |
|---------------------------------------|---------------------------------------|--------------------------------------------|----------------------------------------------------|-------------|------|---------------------------------------------------|---------------------|---------------------|---------------------|----------------|-------------------|---------------------|---------------------|-----------------|--|--|
| Heating capacity                      | Nom.                                  |                                            |                                                    | kW          |      | 4.30 (1) / 4.60 (2)                               |                     | 6.00 (1) / 5.90 (2) |                     |                |                   | 7.50 (1) / 7.80 (2) |                     |                 |  |  |
| Power input                           | Heating                               | Nom.                                       |                                                    |             | kW   |                                                   | 0.84 (1) / 1.26 (2) |                     | 1.24 (1) / 1.69 (2) |                |                   |                     | 1.63 (1) / 2.23 (2) |                 |  |  |
| COP                                   |                                       |                                            |                                                    |             |      | 5.10 (1) / 3.65 (2)                               |                     | 4.85 (1) / 3.50 (2) |                     |                |                   | 4.60 (1) / 3.50 (2) |                     |                 |  |  |
| <div>Space heating</div>              | Average climate water outlet 55 °C    | General                                    | SCOP                                               |             |      |                                                   | 3.26                |                     |                     |                | 3.32              |                     |                     |                 |  |  |
|                                       |                                       |                                            | η <sub>s</sub> (Seasonal space heating efficiency) |             | %    |                                                   | 127                 |                     |                     |                | 130               |                     |                     |                 |  |  |
|                                       |                                       |                                            | Seasonal space heating eff. class                  |             |      |                                                   | A++                 |                     |                     |                |                   |                     |                     |                 |  |  |
|                                       | Average climate water outlet35 °C     | General                                    | SCOP                                               |             |      |                                                   | 4.48                |                     | 4.47                |                |                   |                     | 4.56                |                 |  |  |
|                                       |                                       |                                            | η <sub>s</sub> (Seasonal space heating efficiency) |             | %    |                                                   | 176                 |                     |                     |                | 179               |                     |                     |                 |  |  |
|                                       |                                       |                                            | Seasonal space heating eff. class                  |             |      |                                                   | A+++                |                     |                     |                |                   |                     |                     |                 |  |  |
| <div>Domestic hot water heating</div> | General                               | Declared load profile                      |                                                    |             |      |                                                   | L                   |                     | XL                  |                | L                 |                     | XL                  |                 |  |  |
|                                       | Average climate                       | η <sub>wh</sub> (water heating efficiency) |                                                    |             | %    |                                                   | 118                 |                     | 125                 |                | 118               |                     | 125                 |                 |  |  |
|                                       | Water heating energy efficiency class |                                            |                                                    |             |      | A+                                                |                     |                     |                     |                |                   |                     |                     |                 |  |  |
| Indoor Unit                           |                                       |                                            |                                                    | EHSB        |      | 04P30E                                            |                     | 08P30E              |                     | 08P50E         |                   | 08P30E              |                     | 08P50E          |  |  |
| Casing                                | Colour                                |                                            |                                                    |             |      | Traffic white (RAL9016) / Traffic black (RAL9017) |                     |                     |                     |                |                   |                     |                     |                 |  |  |
|                                       | Material                              |                                            |                                                    |             |      | Impact resistant polypropylene                    |                     |                     |                     |                |                   |                     |                     |                 |  |  |
| Dimensions                            | Unit                                  | Height x Width x Depth                     |                                                    |             | mm   |                                                   | 1,892 x 594 x 644   |                     | 1,905 x 792 x 812   |                | 1,892 x 594 x 644 |                     | 1,905 x 792 x 812   |                 |  |  |
| Weight                                | Unit                                  |                                            |                                                    |             | kg   |                                                   | 79                  |                     | 110                 |                | 79                |                     | 110                 |                 |  |  |
| Tank                                  | Water volume                          |                                            |                                                    | l           |      | 294                                               |                     | 477                 |                     | 294            |                   | 477                 |                     |                 |  |  |
|                                       | Maximum water temperature             |                                            |                                                    | °C          |      |                                                   |                     | 85                  |                     |                |                   |                     |                     |                 |  |  |
| Operation range                       | Heating                               | Ambient                                    | Min.~Max.                                          |             | °C   |                                                   |                     |                     | -25~25              |                |                   |                     |                     |                 |  |  |
|                                       |                                       | Water side                                 | Min.~Max.                                          |             | °C   |                                                   |                     |                     | 18~65               |                |                   |                     |                     |                 |  |  |
|                                       | Domestic hot water                    | Ambient                                    | Min.~Max.                                          |             | °CDB |                                                   |                     |                     | -25~35              |                |                   |                     |                     |                 |  |  |
|                                       |                                       | Water side                                 | Min.~Max.                                          |             | °C   |                                                   |                     |                     | 25~55               |                |                   |                     |                     |                 |  |  |
| Sound power level                     | Nom.                                  |                                            |                                                    | dBA         |      |                                                   |                     | 39                  |                     |                |                   |                     |                     |                 |  |  |
| Outdoor Unit                          |                                       |                                            |                                                    | ERGA        |      | 04EV                                              |                     | 06EVH               |                     |                |                   | 08EVH7              |                     |                 |  |  |
| Dimensions                            | Unit                                  | Height x Width x Depth                     |                                                    |             | mm   |                                                   |                     |                     | 740 x 884 x 388     |                |                   |                     |                     |                 |  |  |
| Weight                                | Unit                                  |                                            |                                                    |             | kg   |                                                   |                     |                     | 58.5                |                |                   |                     |                     |                 |  |  |
| Compressor                            | Quantity                              |                                            |                                                    |             |      | 1                                                 |                     |                     |                     |                |                   |                     |                     |                 |  |  |
|                                       | Type                                  |                                            |                                                    |             |      | Hermetically sealed swing compressor              |                     |                     |                     |                |                   |                     |                     |                 |  |  |
| Operation range                       | Cooling                               |                                            | Min.~Max.                                          |             | °CDB |                                                   |                     |                     | 10.0~43.0           |                |                   |                     |                     |                 |  |  |
|                                       | Domestic hot water                    |                                            | Min.~Max.                                          |             | °CDB |                                                   |                     |                     | -25 ~35             |                |                   |                     |                     |                 |  |  |
| Refrigerant                           | Type                                  |                                            |                                                    |             |      |                                                   |                     | R-32                |                     |                |                   |                     |                     |                 |  |  |
|                                       | GWP                                   |                                            |                                                    |             |      |                                                   |                     | 675.0               |                     |                |                   |                     |                     |                 |  |  |
|                                       | Charge                                |                                            |                                                    | kg          |      |                                                   |                     | 1.50                |                     |                |                   |                     |                     |                 |  |  |
|                                       | Charge                                |                                            |                                                    | TCO,Eq      |      |                                                   |                     | 1.01                |                     |                |                   |                     |                     |                 |  |  |
|                                       | Control                               |                                            |                                                    |             |      |                                                   |                     | Expansion valve     |                     |                |                   |                     |                     |                 |  |  |
| Sound power level                     | Heating                               |                                            | Nom.                                               |             | dBA  |                                                   | 58                  |                     | 60                  |                |                   |                     | 62                  |                 |  |  |
|                                       | Cooling                               |                                            | Nom.                                               |             | dBA  |                                                   | 61                  |                     |                     |                | 62                |                     |                     |                 |  |  |
| Sound pressure level                  | Heating                               |                                            | Nom.                                               |             | dBA  |                                                   | 44                  |                     | 47                  |                |                   |                     | 49                  |                 |  |  |
|                                       | Cooling                               |                                            | Nom.                                               |             | dBA  |                                                   | 48                  |                     | 49                  |                |                   |                     | 50                  |                 |  |  |
| Power supply                          | Name/Phase/Frequency/Voltage          |                                            |                                                    |             | Hz/V |                                                   |                     |                     | V3/1N~/50/230       |                |                   |                     |                     |                 |  |  |
| Current                               | Recommended fuses                     |                                            |                                                    |             | A    |                                                   |                     |                     | 25                  |                |                   |                     |                     |                 |  |  |

(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). This product contains fluorinated greenhouse gases.

# Daikin Altherma 3 R ECH<sub>2</sub>O

Floor standing air to water heat pump for **heating, cooling and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating, hot water and cooling
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Solar support of domestic hot water with pressureless (drain-back) solar system
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump
- › Compatible with the Onecta app
- › Voice control available



011-1W0262 → 267

| Efficiency data                       |                                               |                                       |                                        | EHSX + ERGA | 04P30E + 04EV                                     | 04P50E + 04EV                        | 08P30E + 06EVH      | 08P50E + 06EVH    | 08P30E + 08EVH7     | 08P50E + 08EVH7   |     |
|---------------------------------------|-----------------------------------------------|---------------------------------------|----------------------------------------|-------------|---------------------------------------------------|--------------------------------------|---------------------|-------------------|---------------------|-------------------|-----|
| Heating capacity                      | Nom.                                          |                                       |                                        | kW          | 4.30 (1) / 4.60 (2)                               |                                      | 6.00 (1) / 5.90 (2) |                   | 7.50 (1) / 7.80 (2) |                   |     |
| Power input                           | Heating                                       | Nom.                                  |                                        | kW          | 0.84 (1) / 1.26 (2)                               |                                      | 1.24 (1) / 1.69 (2) |                   | 1.63 (1) / 2.23 (2) |                   |     |
| Cooling capacity                      | Nom.                                          |                                       |                                        | kW          | 4.86 (1) / 4.52 (2)                               |                                      | 5.96 (1) / 5.09 (2) |                   | 6.25 (1) / 5.44 (2) |                   |     |
| Power input                           | Cooling                                       | Nom.                                  |                                        | kW          | 0.81 (1) / 1.36 (2)                               |                                      | 1.06 (1) / 1.55 (2) |                   | 1.16 (1) / 1.73 (2) |                   |     |
| COP                                   |                                               |                                       |                                        |             | 5.10 (1) / 3.65 (2)                               |                                      | 4.85 (1) / 3.50 (2) |                   | 4.60 (1) / 3.50 (2) |                   |     |
| EER                                   |                                               |                                       |                                        |             | 5.98 (1) / 3.32 (2)                               |                                      | 5.61 (1) / 3.28 (2) |                   | 5.40 (1) / 3.14 (2) |                   |     |
| <div>Space heating</div>              | <div>Average climate water outlet 55 °C</div> | General                               | SCOP                                   |             | 3.29                                              |                                      | 3.28                |                   | 3.35                |                   |     |
|                                       |                                               |                                       | ηs (Seasonal space heating efficiency) | %           | 129                                               |                                      | 128                 |                   | 131                 |                   |     |
|                                       |                                               |                                       | Seasonal space heating eff. class      |             |                                                   |                                      | A++                 |                   |                     |                   |     |
|                                       | <div>Average climate water outlet 35 °C</div> | General                               | SCOP                                   |             | 4.54                                              |                                      | 4.52                |                   | 4.61                |                   |     |
|                                       |                                               |                                       | ηs (Seasonal space heating efficiency) | %           | 179                                               |                                      | 178                 |                   | 181                 |                   |     |
|                                       |                                               |                                       | Seasonal space heating eff. class      |             |                                                   |                                      | A+++                |                   |                     |                   |     |
| <div>Domestic hot water heating</div> | General                                       | Declared load profile                 |                                        |             | L                                                 | XL                                   | L                   | XL                | L                   | XL                |     |
|                                       | Average climate                               | ηwh (water heating efficiency)        |                                        | %           | 118                                               | 125                                  | 118                 | 125               | 118                 | 125               |     |
|                                       |                                               | Water heating energy efficiency class |                                        |             | A+                                                |                                      |                     |                   |                     |                   |     |
| Indoor Unit                           |                                               |                                       |                                        | EHSX        | 04P30E                                            | 04P50E                               | 08P30E              | 08P50E            | 08P30E              | 08P50E            |     |
| Casing                                | Colour                                        |                                       |                                        |             | Traffic white (RAL9016) / Traffic black (RAL9017) |                                      |                     |                   |                     |                   |     |
|                                       | Material                                      |                                       |                                        |             | Impact resistant polypropylene                    |                                      |                     |                   |                     |                   |     |
| Dimensions                            | Unit                                          | Height x Width x Depth                |                                        | mm          | 1,892 x 594 x 644                                 | 1,905 x 792 x 812                    | 1,892 x 594 x 644   | 1,905 x 792 x 812 | 1,892 x 594 x 644   | 1,905 x 792 x 812 |     |
| Weight                                | Unit                                          |                                       |                                        |             | kg                                                | 77                                   | 107                 | 77                | 107                 | 77                | 107 |
| Tank                                  | Water volume                                  |                                       |                                        | l           | 294                                               | 477                                  | 294                 | 477               | 294                 | 477               |     |
|                                       | Maximum water temperature                     |                                       |                                        | °C          | 85                                                |                                      |                     |                   |                     |                   |     |
| Operation range                       | Heating                                       | Ambient                               | Min.~Max.                              | °C          | -25~25                                            |                                      |                     |                   |                     |                   |     |
|                                       |                                               | Water side                            | Min.~Max.                              | °C          | 18~65                                             |                                      |                     |                   |                     |                   |     |
|                                       | Cooling                                       | Ambient                               | Min.~Max.                              | °CDB        | 10~43                                             |                                      |                     |                   |                     |                   |     |
|                                       |                                               | Water side                            | Min.~Max.                              | °C          | 5~22                                              |                                      |                     |                   |                     |                   |     |
|                                       | Domestic hot water                            | Ambient                               | Min.~Max.                              | °CDB        | -25~35                                            |                                      |                     |                   |                     |                   |     |
|                                       |                                               | Water side                            | Min.~Max.                              | °C          | 25~55                                             |                                      |                     |                   |                     |                   |     |
| Sound power level                     | Nom.                                          |                                       |                                        | dBA         | 39                                                |                                      |                     |                   |                     |                   |     |
| Outdoor Unit                          |                                               |                                       |                                        | ERGA        | 04EV                                              |                                      | 06EVH               |                   | 08EVH7              |                   |     |
| Dimensions                            | Unit                                          | Height x Width x Depth                |                                        | mm          | 740 x 884 x 388                                   |                                      |                     |                   |                     |                   |     |
| Weight                                | Unit                                          |                                       |                                        |             | kg                                                | 58.5                                 |                     |                   |                     |                   |     |
| Compressor                            | Quantity                                      |                                       |                                        |             |                                                   | 1                                    |                     |                   |                     |                   |     |
|                                       | Type                                          |                                       |                                        |             |                                                   | Hermetically sealed swing compressor |                     |                   |                     |                   |     |
| Operation range                       | Cooling                                       | Min.~Max.                             |                                        | °CDB        | 10.0~43.0                                         |                                      |                     |                   |                     |                   |     |
|                                       | Domestic hot water                            | Min.~Max.                             |                                        | °CDB        | -25 ~35                                           |                                      |                     |                   |                     |                   |     |
| Refrigerant                           | Type                                          |                                       |                                        |             |                                                   | R-32                                 |                     |                   |                     |                   |     |
|                                       | GWP                                           |                                       |                                        |             |                                                   | 675.0                                |                     |                   |                     |                   |     |
|                                       | Charge                                        |                                       |                                        |             | kg                                                | 1.50                                 |                     |                   |                     |                   |     |
|                                       | Charge                                        |                                       |                                        |             | TCO/eq                                            | 1.01                                 |                     |                   |                     |                   |     |
| Sound power level                     | Control                                       |                                       |                                        |             |                                                   | Expansion valve                      |                     |                   |                     |                   |     |
|                                       | Heating                                       | Nom.                                  |                                        | dBA         | 58                                                |                                      | 60                  |                   | 62                  |                   |     |
| Sound pressure level                  | Cooling                                       | Nom.                                  |                                        | dBA         | 61                                                |                                      |                     | 62                |                     |                   |     |
|                                       | Heating                                       | Nom.                                  |                                        | dBA         | 44                                                |                                      | 47                  |                   | 49                  |                   |     |
| Power supply                          | Cooling                                       | Nom.                                  |                                        | dBA         | 48                                                |                                      | 49                  |                   | 50                  |                   |     |
|                                       | Name/Phase/Frequency/Voltage                  |                                       |                                        |             | Hz/V                                              | V3/1N~/50/230                        |                     |                   |                     |                   |     |
| Current                               | Recommended fuses                             |                                       |                                        |             | A                                                 | 25                                   |                     |                   |                     |                   |     |

(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). This product contains fluorinated greenhouse gases.



# Daikin Altherma 3 R ECH<sub>2</sub>O

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- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Bivalent system: combinable with a secondary heat source
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation
- › Compatible with the Onecta app
- › Voice control available



011-1W0262 → 267

| Efficiency data                                                                                                |                                    |                                              |                                                      | EHSXB + ERGA                                      | 04P30E + 04EV                        | 04P50E + 04EV     | 08P30E + 06EVH      | 08P50E + 06EVH    | 08P30E + 08EVH7     | 08P50E + 08EVH7   |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------------------------------|---------------------------------------------------|--------------------------------------|-------------------|---------------------|-------------------|---------------------|-------------------|
| Heating capacity                                                                                               | Nom.                               |                                              |                                                      | kW                                                | 4.30 (1) / 4.60 (2)                  |                   | 6.00 (1) / 5.90 (2) |                   | 7.50 (1) / 7.80 (2) |                   |
| Power input                                                                                                    | Heating                            | Nom.                                         |                                                      | kW                                                | 0.84 (1) / 1.26 (2)                  |                   | 1.24 (1) / 1.69 (2) |                   | 1.63 (1) / 2.23 (2) |                   |
| Cooling capacity                                                                                               | Nom.                               |                                              |                                                      | kW                                                | 4.86 (1) / 4.52 (2)                  |                   | 5.96 (1) / 5.09 (2) |                   | 6.25 (1) / 5.44 (2) |                   |
| Power input                                                                                                    | Cooling                            | Nom.                                         |                                                      | kW                                                | 0.81 (1) / 1.36 (2)                  |                   | 1.06 (1) / 1.55 (2) |                   | 1.16 (1) / 1.73 (2) |                   |
| COP                                                                                                            |                                    |                                              |                                                      |                                                   | 5.10 (1) / 3.65 (2)                  |                   | 4.85 (1) / 3.50 (2) |                   | 4.60 (1) / 3.50 (2) |                   |
| EER                                                                                                            |                                    |                                              |                                                      |                                                   | 5.98 (1) / 3.32 (2)                  |                   | 5.61 (1) / 3.28 (2) |                   | 5.40 (1) / 3.14 (2) |                   |
|  Space heating              | Average climate water outlet 55 °C | General                                      | SCOP                                                 |                                                   | 3.29                                 |                   | 3.28                |                   | 3.35                |                   |
|                                                                                                                |                                    |                                              | η <sub>s</sub> (Seasonal space heating efficiency) % |                                                   | 129                                  |                   | 128                 |                   | 131                 |                   |
|                                                                                                                |                                    |                                              | Seasonal space heating eff. class                    |                                                   | A++                                  |                   |                     |                   |                     |                   |
|                                                                                                                | Average climate water outlet 35 °C | General                                      | SCOP                                                 |                                                   | 4.54                                 |                   | 4.52                |                   | 4.61                |                   |
|                                                                                                                |                                    |                                              | η <sub>s</sub> (Seasonal space heating efficiency) % |                                                   | 179                                  |                   | 178                 |                   | 181                 |                   |
|                                                                                                                |                                    |                                              | Seasonal space heating eff. class                    |                                                   | A+++                                 |                   |                     |                   |                     |                   |
|  Domestic hot water heating | General                            | Declared load profile                        |                                                      |                                                   | L                                    | XL                | L                   | XL                | L                   | XL                |
|                                                                                                                | Average climate                    | η <sub>wh</sub> (water heating efficiency) % |                                                      |                                                   | 118                                  | 125               | 118                 | 125               | 118                 | 125               |
|                                                                                                                |                                    | Water heating energy efficiency class        |                                                      |                                                   | A+                                   |                   |                     |                   |                     |                   |
| Indoor Unit                                                                                                    |                                    |                                              |                                                      | EHSXB                                             | 04P30E                               | 04P50E            | 08P30E              | 08P50E            | 08P30E              | 08P50E            |
| Casing                                                                                                         | Colour                             |                                              |                                                      | Traffic white (RAL9016) / Traffic black (RAL9017) |                                      |                   |                     |                   |                     |                   |
|                                                                                                                | Material                           |                                              |                                                      | Impact resistant polypropylene                    |                                      |                   |                     |                   |                     |                   |
| Dimensions                                                                                                     | Unit                               | Height x Width x Depth                       |                                                      | mm                                                | 1,892 x 594 x 644                    | 1,905 x 792 x 812 | 1,892 x 594 x 644   | 1,905 x 792 x 812 | 1,892 x 594 x 644   | 1,905 x 792 x 812 |
| Weight                                                                                                         | Unit                               |                                              |                                                      | kg                                                | 79                                   | 110               | 79                  | 110               | 79                  | 110               |
| Tank                                                                                                           | Water volume                       |                                              |                                                      | l                                                 | 294                                  | 477               | 294                 | 477               | 294                 | 477               |
|                                                                                                                | Maximum water temperature          |                                              |                                                      | °C                                                | 85                                   |                   |                     |                   |                     |                   |
| Operation range                                                                                                | Heating                            | Ambient                                      | Min.~Max.                                            | °C                                                | -25~25                               |                   |                     |                   |                     |                   |
|                                                                                                                |                                    | Water side                                   | Min.~Max.                                            | °C                                                | 18~65                                |                   |                     |                   |                     |                   |
|                                                                                                                | Cooling                            | Ambient                                      | Min.~Max.                                            | °CDB                                              | 10~43                                |                   |                     |                   |                     |                   |
|                                                                                                                |                                    | Water side                                   | Min.~Max.                                            | °C                                                | 5~22                                 |                   |                     |                   |                     |                   |
|                                                                                                                | Domestic hot water                 | Ambient                                      | Min.~Max.                                            | °CDB                                              | -25~35                               |                   |                     |                   |                     |                   |
|                                                                                                                |                                    | Water side                                   | Min.~Max.                                            | °C                                                | 25~55                                |                   |                     |                   |                     |                   |
| Sound power level                                                                                              | Nom.                               |                                              |                                                      | dBA                                               | 39                                   |                   |                     |                   |                     |                   |
| Outdoor Unit                                                                                                   |                                    |                                              |                                                      | ERGA                                              | 04EV                                 |                   | 06EVH               |                   | 08EVH7              |                   |
| Dimensions                                                                                                     | Unit                               | Height x Width x Depth                       |                                                      | mm                                                | 740 x 884 x 388                      |                   |                     |                   |                     |                   |
| Weight                                                                                                         | Unit                               |                                              |                                                      | kg                                                | 58.5                                 |                   |                     |                   |                     |                   |
| Compressor                                                                                                     | Quantity                           |                                              |                                                      |                                                   | 1                                    |                   |                     |                   |                     |                   |
|                                                                                                                | Type                               |                                              |                                                      |                                                   | Hermetically sealed swing compressor |                   |                     |                   |                     |                   |
| Operation range                                                                                                | Cooling                            | Min.~Max.                                    |                                                      | °CDB                                              | 10.0~43.0                            |                   |                     |                   |                     |                   |
|                                                                                                                | Domestic hot water                 | Min.~Max.                                    |                                                      | °CDB                                              | -25 ~35                              |                   |                     |                   |                     |                   |
| Refrigerant                                                                                                    | Type                               |                                              |                                                      |                                                   | R-32                                 |                   |                     |                   |                     |                   |
|                                                                                                                | GWP                                |                                              |                                                      |                                                   | 675.0                                |                   |                     |                   |                     |                   |
|                                                                                                                | Charge                             |                                              |                                                      | kg                                                | 1.50                                 |                   |                     |                   |                     |                   |
|                                                                                                                | Charge                             |                                              |                                                      | TCO <sub>2</sub> Eq                               | 1.01                                 |                   |                     |                   |                     |                   |
|                                                                                                                | Control                            |                                              |                                                      |                                                   | Expansion valve                      |                   |                     |                   |                     |                   |
| Sound power level                                                                                              | Heating                            | Nom.                                         |                                                      | dBA                                               | 58                                   |                   | 60                  |                   | 62                  |                   |
|                                                                                                                | Cooling                            | Nom.                                         |                                                      | dBA                                               | 61                                   |                   |                     |                   | 62                  |                   |
| Sound pressure level                                                                                           | Heating                            | Nom.                                         |                                                      | dBA                                               | 44                                   |                   | 47                  |                   | 49                  |                   |
|                                                                                                                | Cooling                            | Nom.                                         |                                                      | dBA                                               | 48                                   |                   | 49                  |                   | 50                  |                   |
| Power supply                                                                                                   | Name/Phase/Frequency/Voltage       |                                              |                                                      | Hz/V                                              | V3/1N~/50/230                        |                   |                     |                   |                     |                   |
| Current                                                                                                        | Recommended fuses                  |                                              |                                                      | A                                                 | 25                                   |                   |                     |                   |                     |                   |

(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). This product contains fluorinated greenhouse gases.

# Daikin Altherma 3 R W

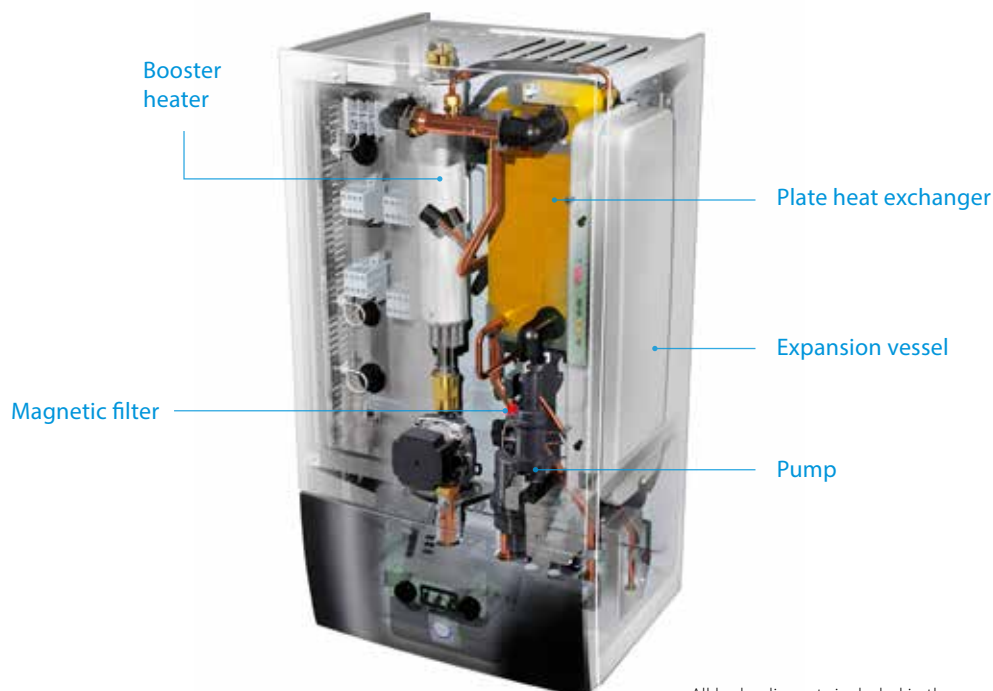
Wall mounted unit

## Why choose Daikin wall mounted unit?

The Daikin Altherma 3 R W wall mounted unit offers **heating and cooling** with high flexibility for a quick and easy installation, **with an optional connection to deliver domestic hot water**.

### High flexibility for installation and domestic hot water connection

- › 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 or ECH<sub>2</sub>O thermal store



All hydraulic parts included in the compact wall mounted unit.

## Flexibility in providing domestic hot water

If the end user only requires hot water and installation height is limited, a separate tank can provide the required installation flexibility. At the side of our standard stainless steel tanks, we propose the ECH<sub>2</sub>O thermal stores.

### ECH<sub>2</sub>O thermal store range: additional hot water comfort

Combine your wall mounted unit with a thermal store for additional hot water comfort.

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: with high tapping performance
- › Fit for future possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build on the unit combined with cascade principle offers flexible installation options



Example of installation with a stainless steel domestic hot water tank (EKHWS-D).

# Daikin Altherma 3 R W

Wall mounted **heating only** air-to-water heat pump ideal for low energy houses

- › 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
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



011-1W0218-219  
011-1W0221  
011-1W0246-247



| Efficiency data                                                                                                         |                                    |                              |                                        | EHBH + ERGA            |      | 04E6V + 04EV        |      | 08E6V + 06EVH       |      | 08E9W + 06EVH                        |        | 08E6V + 08EVH7      |    | 08E9W + 08EVH7 |  |  |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------|----------------------------------------|------------------------|------|---------------------|------|---------------------|------|--------------------------------------|--------|---------------------|----|----------------|--|--|
| Heating capacity                                                                                                        |                                    | Nom.                         |                                        | kW                     |      | 4.30 (1) / 4.60 (2) |      | 6.00 (1) / 5.90 (2) |      |                                      |        | 7.50 (1) / 7.80 (2) |    |                |  |  |
| Power input                                                                                                             |                                    | Heating                      |                                        | Nom.                   |      | kW                  |      | 0.85 (1) / 1.26 (2) |      | 1.24 (1) / 1.69 (2)                  |        | 1.63 (1) / 2.23 (2) |    |                |  |  |
| COP                                                                                                                     |                                    |                              |                                        |                        |      | 5.10 (1) / 3.65 (2) |      | 4.85 (1) / 3.50 (2) |      |                                      |        | 4.60 (1) / 3.50 (2) |    |                |  |  |
| <div>Space heating</div> <div></div> | Average climate water outlet 55 °C | General                      | SCOP                                   |                        | 3.26 |                     |      |                     | 3.32 |                                      |        |                     |    |                |  |  |
|                                                                                                                         |                                    |                              | rs (Seasonal space heating efficiency) | %                      | 127  |                     |      |                     | 130  |                                      |        |                     |    |                |  |  |
|                                                                                                                         |                                    |                              | Seasonal space heating eff. class      |                        | A++  |                     |      |                     |      |                                      |        |                     |    |                |  |  |
|                                                                                                                         | Average climate water outlet 35 °C | General                      | SCOP                                   |                        | 4.48 |                     | 4.47 |                     | 4.56 |                                      |        |                     |    |                |  |  |
|                                                                                                                         |                                    |                              | rs (Seasonal space heating efficiency) | %                      | 176  |                     |      |                     | 179  |                                      |        |                     |    |                |  |  |
|                                                                                                                         |                                    |                              | Seasonal space heating eff. class      |                        | A+++ |                     |      |                     |      |                                      |        |                     |    |                |  |  |
| Indoor Unit                                                                                                             |                                    |                              |                                        | EHBH                   |      | 04E6V               |      | 08E6V               |      | 08E9W                                |        | 08E6V               |    | 08E9W          |  |  |
| Casing                                                                                                                  |                                    | Colour                       |                                        |                        |      |                     |      |                     |      | White + Black                        |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Material                     |                                        |                        |      |                     |      |                     |      | Resin, sheet metal                   |        |                     |    |                |  |  |
| Dimensions                                                                                                              |                                    | Unit                         |                                        | Height x Width x Depth |      | mm                  |      |                     |      | 840 x 440 x 390                      |        |                     |    |                |  |  |
| Weight                                                                                                                  |                                    | Unit                         |                                        |                        |      | kg                  |      | 42.0                |      | 42.4                                 |        | 42.0                |    | 42.4           |  |  |
| Operation range                                                                                                         |                                    | Heating                      | Water side                             | Min.~Max.              |      | °C                  |      |                     |      | 15 ~65                               |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Domestic hot water           | Water side                             | Min.~Max.              |      | °C                  |      |                     |      | 25~75                                |        |                     |    |                |  |  |
| Sound power level                                                                                                       |                                    | Nom.                         |                                        |                        |      | dBA                 |      |                     |      | 42                                   |        |                     |    |                |  |  |
| Sound pressure level                                                                                                    |                                    | Nom.                         |                                        |                        |      | dBA                 |      |                     |      | 28                                   |        |                     |    |                |  |  |
| Outdoor Unit                                                                                                            |                                    |                              |                                        | ERGA                   |      | 04EV                |      | 06EVH               |      |                                      |        | 08EVH7              |    |                |  |  |
| Dimensions                                                                                                              |                                    | Unit                         |                                        | Height x Width x Depth |      | mm                  |      |                     |      | 740 x 884 x 388                      |        |                     |    |                |  |  |
| Weight                                                                                                                  |                                    | Unit                         |                                        |                        |      | kg                  |      |                     |      | 58.5                                 |        |                     |    |                |  |  |
| Compressor                                                                                                              |                                    | Quantity                     |                                        |                        |      |                     |      |                     |      | 1                                    |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Type                         |                                        |                        |      |                     |      |                     |      | Hermetically sealed swing compressor |        |                     |    |                |  |  |
| Operation range                                                                                                         |                                    | Cooling                      | Min.~Max.                              |                        | °CDB |                     |      |                     |      |                                      | 10~43  |                     |    |                |  |  |
|                                                                                                                         |                                    | Domestic hot water           | Min.~Max.                              |                        | °CDB |                     |      |                     |      |                                      | -25~35 |                     |    |                |  |  |
| Refrigerant                                                                                                             |                                    | Type                         |                                        |                        |      |                     |      |                     |      | R-32                                 |        |                     |    |                |  |  |
|                                                                                                                         |                                    | GWP                          |                                        |                        |      |                     |      |                     |      | 675.0                                |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Charge                       |                                        |                        |      | kg                  |      |                     |      | 1.50                                 |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Charge                       |                                        |                        |      | TCO <sub>Eq</sub>   |      |                     |      | 1.01                                 |        |                     |    |                |  |  |
|                                                                                                                         |                                    | Control                      |                                        |                        |      |                     |      |                     |      | Expansion valve                      |        |                     |    |                |  |  |
| Sound power level                                                                                                       |                                    | Heating                      | Nom.                                   |                        | dBA  |                     | 58   |                     | 60   |                                      |        |                     | 62 |                |  |  |
|                                                                                                                         |                                    | Cooling                      | Nom.                                   |                        | dBA  |                     | 61   |                     |      |                                      | 62     |                     |    |                |  |  |
| Sound pressure level                                                                                                    |                                    | Heating                      | Nom.                                   |                        | dBA  |                     | 44   |                     | 47   |                                      |        |                     | 49 |                |  |  |
|                                                                                                                         |                                    | Cooling                      | Nom.                                   |                        | dBA  |                     | 48   |                     | 49   |                                      |        |                     | 50 |                |  |  |
| Power supply                                                                                                            |                                    | Name/Phase/Frequency/Voltage |                                        |                        |      | Hz/V                |      |                     |      | V3/1N~/50/230                        |        |                     |    |                |  |  |
| Current                                                                                                                 |                                    | Recommended fuses            |                                        |                        |      | A                   |      |                     |      | 25                                   |        |                     |    |                |  |  |

(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). This product contains fluorinated greenhouse gases.

# Daikin Altherma 3 R W

Wall mounted **reversible** air-to-water heat pump ideal for low energy houses

- › 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
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



011-1W0218-219  
011-1W0221  
011-1W0246-247



| Efficiency data          |                                               |                        |                                                    | EHBX + ERGA |                                      | 04E6V + 04EV         |     | 08E6V + 06EVH       |  | 08E9W + 06EVH |     | 08E6V + 08EVH7      |  | 08E9W + 08EVH7 |  |  |
|--------------------------|-----------------------------------------------|------------------------|----------------------------------------------------|-------------|--------------------------------------|----------------------|-----|---------------------|--|---------------|-----|---------------------|--|----------------|--|--|
| Heating capacity         | Nom.                                          |                        |                                                    | kW          |                                      | 4.30 (1) / 4.60 (2)  |     | 6.00 (1) / 5.90 (2) |  |               |     | 7.50 (1) / 7.80 (2) |  |                |  |  |
| Power input              | Heating                                       | Nom.                   |                                                    | kW          |                                      | 0.850 (1) / 1.26 (2) |     | 1.24 (1) / 1.69 (2) |  |               |     | 1.63 (1) / 2.23 (2) |  |                |  |  |
| Cooling capacity         | Nom.                                          |                        |                                                    | kW          |                                      | 4.86 (1) / 4.52 (2)  |     | 5.96 (1) / 5.09 (2) |  |               |     | 6.25 (1) / 5.44 (2) |  |                |  |  |
| Power input              | Cooling                                       | Nom.                   |                                                    | kW          |                                      | 0.810 (1) / 1.36 (2) |     | 1.06 (1) / 1.55 (2) |  |               |     | 1.16 (1) / 1.73 (2) |  |                |  |  |
| COP                      |                                               |                        |                                                    |             |                                      | 5.10 (1) / 3.65 (2)  |     | 4.85 (1) / 3.50 (2) |  |               |     | 4.60 (1) / 3.50 (2) |  |                |  |  |
| EER                      |                                               |                        |                                                    |             |                                      | 5.98 (1) / 3.32 (2)  |     | 5.61 (1) / 3.28 (2) |  |               |     | 5.40 (1) / 3.14 (2) |  |                |  |  |
| <div>Space heating</div> | <div>Average climate water outlet 55 °C</div> | General                | SCOP                                               |             |                                      | 3.29                 |     | 3.28                |  |               |     | 3.35                |  |                |  |  |
|                          |                                               |                        | η <sub>s</sub> (Seasonal space heating efficiency) | %           | 129                                  |                      | 128 |                     |  |               | 131 |                     |  |                |  |  |
|                          |                                               |                        | Seasonal space heating eff. class                  | A++         |                                      |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | <div>Average climate water outlet 35 °C</div> | General                | SCOP                                               |             |                                      | 4.54                 |     | 4.52                |  |               |     | 4.61                |  |                |  |  |
|                          |                                               |                        | η <sub>s</sub> (Seasonal space heating efficiency) | %           | 179                                  |                      | 178 |                     |  |               | 181 |                     |  |                |  |  |
|                          |                                               |                        | Seasonal space heating eff. class                  | A+++        |                                      |                      |     |                     |  |               |     |                     |  |                |  |  |
| Indoor Unit              |                                               |                        |                                                    | EHBX        |                                      | 04E6V                |     | 08E6V               |  | 08E9W         |     | 08E6V               |  | 08E9W          |  |  |
| Casing                   | Colour                                        |                        |                                                    |             | White + Black                        |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | Material                                      |                        |                                                    |             | Resin, sheet metal                   |                      |     |                     |  |               |     |                     |  |                |  |  |
| Dimensions               | Unit                                          | Height x Width x Depth |                                                    | mm          | 840 x 440 x 390                      |                      |     |                     |  |               |     |                     |  |                |  |  |
| Weight                   | Unit                                          |                        |                                                    |             | kg                                   | 42.0                 |     |                     |  | 42.4          |     | 42.0                |  | 42.4           |  |  |
| Operation range          | Heating                                       | Water side             | Min.~Max.                                          |             | °C                                   | 15 ~65               |     |                     |  |               |     |                     |  |                |  |  |
|                          | Domestic hot water                            | Water side             | Min.~Max.                                          |             | °C                                   | 25~75                |     |                     |  |               |     |                     |  |                |  |  |
| Sound power level        | Nom.                                          |                        |                                                    | dBA         | 42                                   |                      |     |                     |  |               |     |                     |  |                |  |  |
| Sound pressure level     | Nom.                                          |                        |                                                    | dBA         | 28                                   |                      |     |                     |  |               |     |                     |  |                |  |  |
| Outdoor Unit             |                                               |                        |                                                    | ERGA        |                                      | 04EV                 |     | 06EVH               |  | 08EVH7        |     |                     |  |                |  |  |
| Dimensions               | Unit                                          | Height x Width x Depth |                                                    | mm          | 740 x 884 x 388                      |                      |     |                     |  |               |     |                     |  |                |  |  |
| Weight                   | Unit                                          |                        |                                                    |             | kg                                   | 58.5                 |     |                     |  |               |     |                     |  |                |  |  |
| Compressor               | Quantity                                      |                        |                                                    |             | 1                                    |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | Type                                          |                        |                                                    |             | Hermetically sealed swing compressor |                      |     |                     |  |               |     |                     |  |                |  |  |
| Operation range          | Cooling                                       | Min.~Max.              |                                                    | °CDB        | 10~43                                |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | Domestic hot water                            | Min.~Max.              |                                                    | °CDB        | -25~35                               |                      |     |                     |  |               |     |                     |  |                |  |  |
| Refrigerant              | Type                                          |                        |                                                    |             | R-32                                 |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | GWP                                           |                        |                                                    |             | 675.0                                |                      |     |                     |  |               |     |                     |  |                |  |  |
|                          | Charge                                        |                        |                                                    |             | kg                                   | 1.50                 |     |                     |  |               |     |                     |  |                |  |  |
|                          | Charge                                        |                        |                                                    |             | TCO <sub>2</sub> /Eq                 | 1.01                 |     |                     |  |               |     |                     |  |                |  |  |
|                          | Control                                       |                        |                                                    |             | Expansion valve                      |                      |     |                     |  |               |     |                     |  |                |  |  |
| Sound power level        | Heating                                       | Nom.                   |                                                    | dBA         | 58                                   | 60                   |     |                     |  | 62            |     |                     |  |                |  |  |
|                          | Cooling                                       | Nom.                   |                                                    | dBA         | 61                                   |                      |     | 62                  |  |               |     |                     |  |                |  |  |
| Sound pressure level     | Heating                                       | Nom.                   |                                                    | dBA         | 44                                   | 47                   |     |                     |  | 49            |     |                     |  |                |  |  |
|                          | Cooling                                       | Nom.                   |                                                    | dBA         | 48                                   | 49                   |     |                     |  | 50            |     |                     |  |                |  |  |
| Power supply             | Name/Phase/Frequency/Voltage                  |                        |                                                    |             | Hz/V                                 | V3/1N~/50/230        |     |                     |  |               |     |                     |  |                |  |  |
| Current                  | Recommended fuses                             |                        |                                                    |             | A                                    | 25                   |     |                     |  |               |     |                     |  |                |  |  |

(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). This product contains fluorinated greenhouse gases.



# Thermal stores and tanks

## Hot water heating installation options

### Why choose a thermal store or domestic hot water tank?

Whether you only need hot water or you want to combine your hot water with solar systems, we offer you the best solutions to the highest levels of comfort, energy efficiency and reliability.



Thermal store



Stainless steel tank

### ☒ Domestic hot water tank

#### Stainless steel tanks

##### Comfort

- › Available in 150, 180, 200, 250 and 300 litres in stainless steel EKHWS(U)-D

##### Efficiency

- › High-quality insulation keeps heat loss to a minimum
- › Efficient temperature heating: from 10°C to 50°C in only 60 minutes
- › Available as an integrated solution or separate tank

##### Reliability

- › At necessary intervals, the unit can heat up water up to 60°C to prevent the risk of bacteria growth



## The ECH<sub>2</sub>O thermal store range

### ECH<sub>2</sub>O thermal store: additional hot water comfort

Combine your monobloc with a thermal store to achieve the ultimate comfort at home.

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options

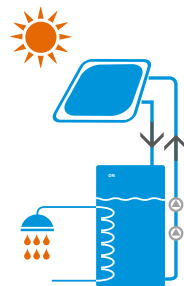
Built for small and large homes, customers can choose between a pressureless and a pressurised hot water system.

### Efficiency

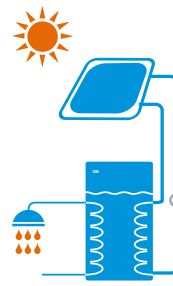
- › Fit for the future: maximise renewable energy sources
- › Intelligent Heat Storage Management: ensures continuous heating during defrost mode, and uses stored heat for space heating
- › High-quality insulation keeps heat loss to a minimum

### Reliability

- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no water loss through the safety valve



Drain-back solar system



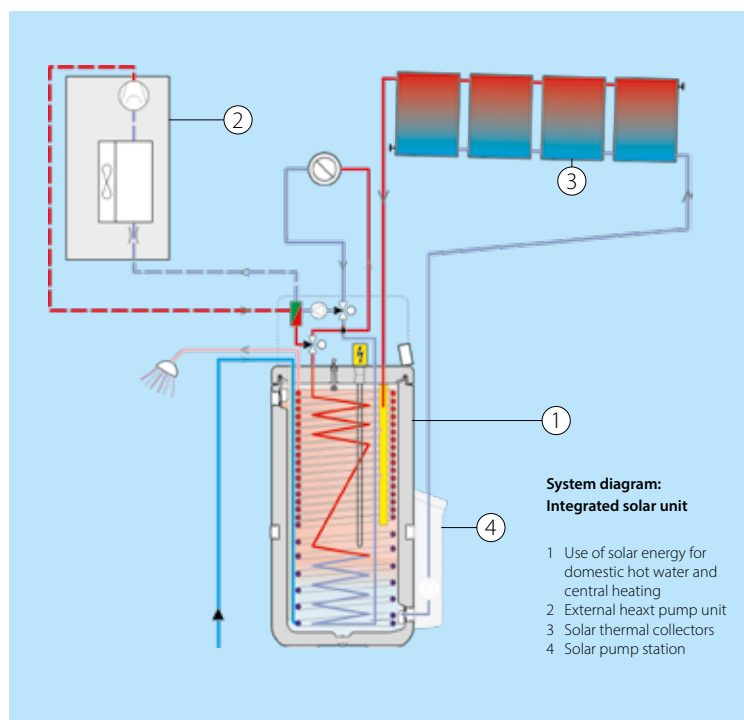
Pressurised solar system

### Pressureless (drain-back) solar system

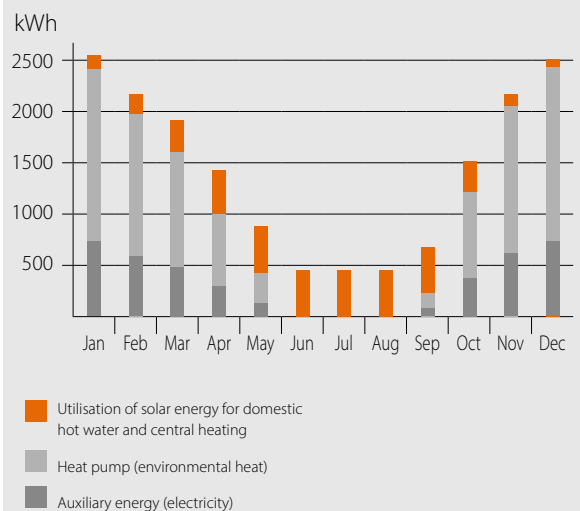
- › The solar collectors are only filled with water when sufficient heating is provided by the sun
- › The pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water
- › After filling, water circulation is maintained by the remaining pump

### Pressurised solar system

- › System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
- › System is pressurised and sealed



### Monthly energy consumption of an average detached house



# Thermal store

## Plastic domestic hot water tank with solar support

- › Tank designed for connection with pressurised thermal solar system
- › Tank designed for connection with drainback thermal solar system
- › Available in 300 and 500 liters
- › Large hot water storage tank to provide domestic hot water at any time
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › Space heating support possible (500l tank only)



| Accessory                                                                              |                           | EKHWP                           |     | 300B                                          |       | 500B                         |        | 300PB |        | 500PB                        |  |  |
|----------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----|-----------------------------------------------|-------|------------------------------|--------|-------|--------|------------------------------|--|--|
| Casing                                                                                 | Colour                    |                                 |     | Traffic white (RAL9016) / Dark grey (RAL7011) |       |                              |        |       |        |                              |  |  |
|                                                                                        | Material                  |                                 |     | Impact resistant polypropylene                |       |                              |        |       |        |                              |  |  |
| Dimensions                                                                             | Unit                      | Width                           | mm  | 595                                           | 790   | 595                          | 790    |       |        |                              |  |  |
|                                                                                        |                           | Depth                           | mm  | 615                                           | 790   | 615                          | 790    |       |        |                              |  |  |
| Weight                                                                                 | Unit                      | Empty                           | kg  | 58                                            | 82    | 58                           | 89     |       |        |                              |  |  |
|  Tank | Water volume              |                                 |     | l                                             | 294   | 477                          | 294    | 477   |        |                              |  |  |
|                                                                                        | Material                  |                                 |     | Polypropylen                                  |       |                              |        |       |        |                              |  |  |
|                                                                                        | Maximum water temperature |                                 |     | °C                                            | 85    |                              |        |       |        |                              |  |  |
|                                                                                        | Insulation                | Heat loss                       |     | kWh/24h                                       | 1.5   | 1.7                          | 1.5    | 1.7   |        |                              |  |  |
|                                                                                        | Energy efficiency class   |                                 |     | B                                             |       |                              |        |       |        |                              |  |  |
|                                                                                        | Standing heat loss        |                                 |     | W                                             | 64    | 72                           | 64     | 72    |        |                              |  |  |
|                                                                                        | Storage volume            |                                 |     | l                                             | 294   | 477                          | 294    | 477   |        |                              |  |  |
| Heat exchanger                                                                         | Domestic hot water        | Quantity                        |     | 1                                             |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Tube material                   |     | Stainless steel (DIN 1.4404)                  |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Face area                       | m²  | 5.600                                         | 5.800 | 5.600                        | 5.900  |       |        |                              |  |  |
|                                                                                        |                           | Internal coil volume            | l   | 27.1                                          | 28.1  | 27.1                         | 28.1   |       |        |                              |  |  |
|                                                                                        |                           | Operating pressure              | bar | 6                                             |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Average specifc thermal output  | W/K | 2,790                                         | 2,825 | 2,790                        | 2,825  |       |        |                              |  |  |
|                                                                                        | Charging                  | Quantity                        |     | 1                                             |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Tube material                   |     | Stainless steel (DIN 1.4404)                  |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Face area                       | m²  | 3                                             | 4     | 3                            | 4      |       |        |                              |  |  |
|                                                                                        |                           | Internal coil volume            | l   | 13                                            | 18    | 13                           | 18     |       |        |                              |  |  |
|                                                                                        |                           | Operating pressure              | bar | 3                                             |       |                              |        |       |        |                              |  |  |
|                                                                                        |                           | Average specific thermal output | W/K | 1,300                                         | 1,800 | 1,300                        | 1,800  |       |        |                              |  |  |
|                                                                                        | Pressurised solar         | Average specific thermal output |     | W/K                                           | -     |                              | 390.00 |       | 840.00 |                              |  |  |
|                                                                                        | Auxiliary solar heating   | Tube material                   |     | -                                             |       | Stainless steel (DIN 1.4404) |        | -     |        | Stainless steel (DIN 1.4404) |  |  |
|                                                                                        |                           | Face area                       | m²  | -                                             | 1     | -                            | 1      |       |        |                              |  |  |
|                                                                                        |                           | Internal coil volume            | l   | -                                             | 4     | -                            | 4      |       |        |                              |  |  |
| Operating pressure                                                                     |                           | bar                             | -   | 3                                             | -     | 3                            |        |       |        |                              |  |  |
| Average specific thermal output                                                        |                           | W/K                             | -   | 280                                           | -     | 280                          |        |       |        |                              |  |  |

## EKHS(U)-D

# Domestic hot water tank

## Stainless steel domestic hot water tank

- › Available in 150, 180, 200, 250 and 300 litres in stainless steel EKHS(U)-D



| Accessory                                                                           |                           |                      |           | EKHS                        | 150(U)D3V3                                   | 180(U)D3V3 | 200(U)D3V3 | 250(U)D3V3 | 300(U)D3V3 |
|-------------------------------------------------------------------------------------|---------------------------|----------------------|-----------|-----------------------------|----------------------------------------------|------------|------------|------------|------------|
| Casing                                                                              | Colour                    |                      |           |                             | Neutral white                                |            |            |            |            |
|                                                                                     | Material                  |                      |           |                             | Epoxy coated steel / Epoxy-coated mild steel |            |            |            |            |
| Weight                                                                              | Unit                      | Empty                | kg        | 45                          | 50                                           | 53         | 58         | 63         |            |
|  | Water volume              |                      |           | l                           | 145                                          | 174        | 192        | 242        | 292        |
|                                                                                     | Material                  |                      |           |                             | Stainless steel (EN 1.4521)                  |            |            |            |            |
|                                                                                     | Maximum water temperature |                      |           | °C                          | 75                                           |            |            |            |            |
|                                                                                     | Insulation                | Heat loss            | kWh/24h   | 1.1                         | 1.2                                          | 1.3        | 1.4        | 1.6        |            |
|                                                                                     | Energy efficiency class   |                      |           |                             | B                                            |            |            |            |            |
|                                                                                     | Standing heat loss        |                      |           | W                           | 45                                           | 50         | 55         | 60         | 68         |
|                                                                                     | Storage volume            |                      |           | l                           | 145                                          | 174        | 192        | 242        | 292        |
|                                                                                     | Heat exchanger            | Domestic hot water   | Quantity  |                             | 1                                            |            |            |            |            |
| Tube material                                                                       |                           |                      |           | Stainless steel (EN 1.4521) |                                              |            |            |            |            |
|                                                                                     |                           | Face area            | m²        | 1.050                       | 1.400                                        | 1.800      |            |            |            |
|                                                                                     |                           | Internal coil volume | l         | 4.9                         | 6.5                                          | 8.2        |            |            |            |
|                                                                                     |                           | Operating pressure   | bar       | 10                          |                                              |            |            |            |            |
|                                                                                     |                           | Booster heater       | Capacity  | kW                          | 3                                            |            |            |            |            |
| Power supply                                                                        | Phase/Frequency/Voltage   | Hz/V                 | 1~/50/230 |                             |                                              |            |            |            |            |



# Daikin Altherma HPC Floor standing model



The floor standing heat pump convector impresses with its low sound operations, and its slim design that received the RedDot Award 2020. Next to heating and cooling, the unit can also provide indoor air quality control.

## Why Indoor Air Quality Matters

Indoor Air Quality (IAQ) refers to the air quality in a building or structure, breathed in every day by the building's occupants.

When planning new residential buildings, schools, offices or light commercial buildings, many things must be considered. Besides structural factors, there are also the topics of heating, cooling and something often neglected: indoor air quality.

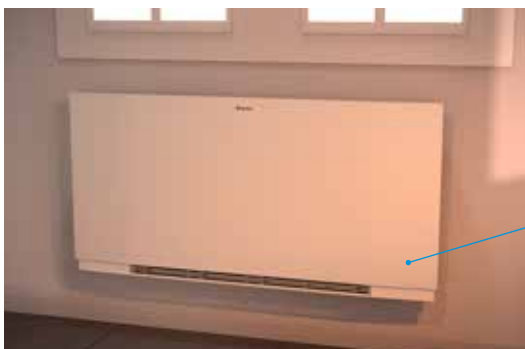
Did you know that the indoor air we breathe, whether at home, at the office, or in a hotel room could in fact be much more polluted than the air outside?

- › 90% of our lives is spent indoors
- › Indoor air quality can be 2 to 5 times worse than outdoor air quality because of pollutants, such as pollen, bacteria, etc.



## How does Daikin Altherma HPC ensure a healthy and comfortable indoor air quality?

When a pollutant level of indoor air is reached, the IAQ sensor opens a damper, which allows fresh air to come in. The incoming fresh air is immediately heated or cooled (depending on the demand) by the heat pump convector. In this way the indoor air remains of good quality while comfort is ensured.



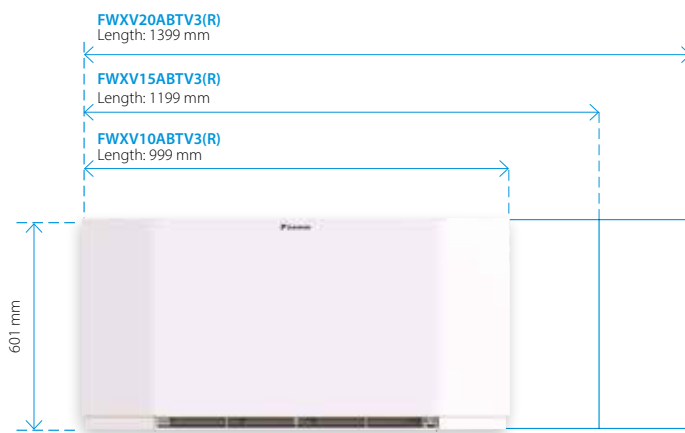




## Slim design



The floor standing Daikin Altherma HPC has a depth of only 135 mm that fits any house or apartment. Its optimised design was rewarded with the Reddot Design Award 2020.



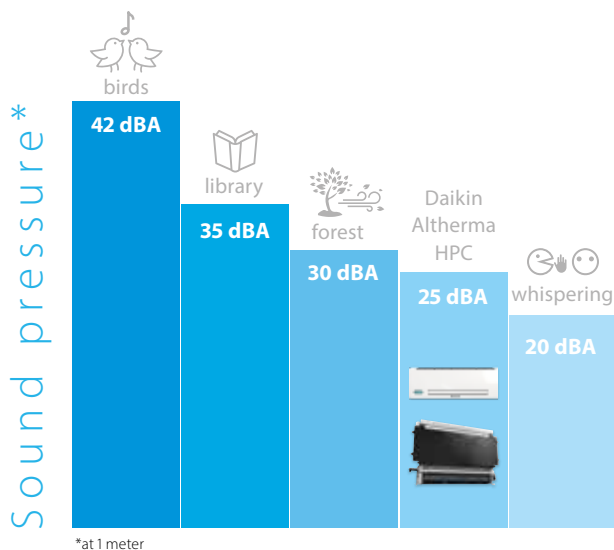
## Fast and high capacity

The Daikin Altherma HPC combines the advantages of residential underfloor heating and radiators. It delivers high-capacity heating or cooling faster and can be set at ultra-low temperatures (35/30 °C regime).



## Discreet

As the unit reaches its set point, a continuous modulating fan gradually reduces its speed and creates less noise. For the wall mounted and concealed units, the sound pressure measures 25dB(A) at 1m when the fan is on low-speed setting. Even lower sound pressure in super-silent mode (night mode).



## Controls

Daikin offers a wide variety of controllers that are functional and have a great design.

### EKRTCTRL1



- > Built-in controller
- > Fully modulating
- > Multicolor display

### EKRTCTRL2



- > Built-in controller
- > 4 speed settings

### EKWHCTRL1



- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0

### EKPCBO



- > Built-in controller
- > ON/OFF
- > In combination with external thermostats

### EKWHCTRL1A



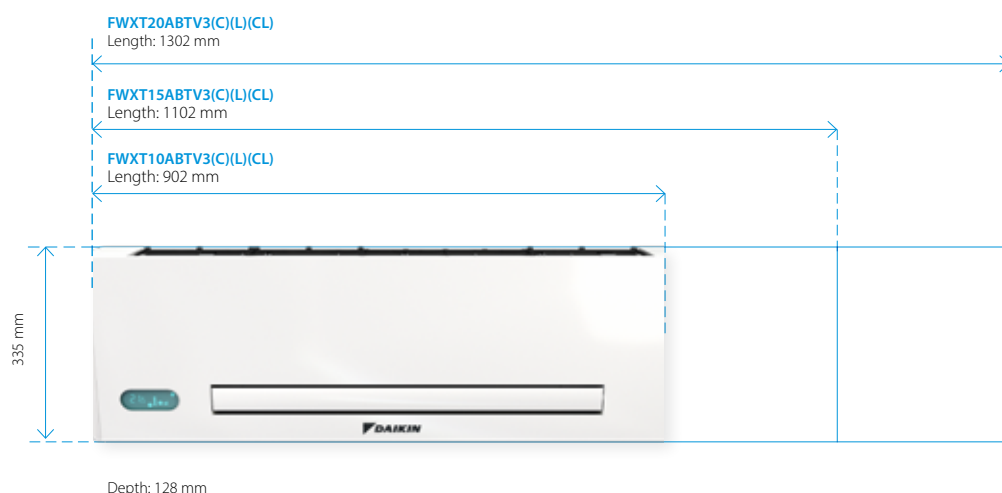
- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0
- > Includes indoor air quality sensor

# Wall-mounted model

Thanks to its slim design, our wall-mounted unit blends in with your interior discreetly while helping you save valuable floor space.

## Slim design

Daikin Altherma HPC is a compact unit made of a design metal casing including all valves.



## Controls

Choice of:

- › Fully modulating controller allowing for remote control of the unit.
- › Infrared remote controller and on-board touch panel.

### EKWHCTRL1



- › Wall controller
- › Fully modulating
- › For models FWXT-ABTV3(L)

### Infrared remote controller



- › Remote
- › Fully modulating
- › For models FWXT-ABTV3C(L)

## Compactness



### 1 Slim depth

The depth of 128 mm is an outstanding technical achievement that ensures a perfect fit in any home.

### 2 More space for valves

Ease of installation: the space for hydraulic valves is wide and easily accessible.

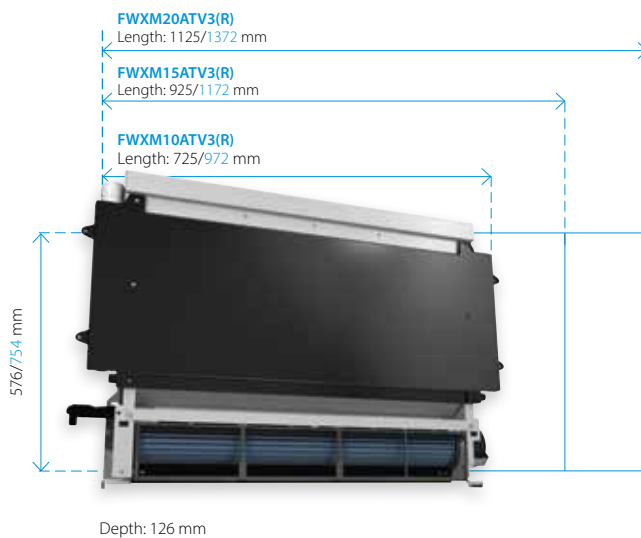
### 3 Modulated airflow

When there is less heating demand, the unit modulates its airflow to slow down the fan rate, and in the process, lowers the operational sound.



Forget about your heating or cooling installation altogether: our concealed model vanishes into the wall or ceiling for visual comfort while preserving its unique heating and cooling capabilities.

## Slim design



Blue dimensions are for the front cover.

## Controls

### EKWHCTRL1



- › Wall controller
- › Fully modulating
- › In combination with EKWHCTRL0

## Flexible installation

Daikin Altherma HPC can be installed in four different ways, allowing you to install it in almost all conditions. The unit can be positioned horizontally or vertically. For horizontal, in-ceiling installation, three different possibilities are offered:

- › Horizontal cover panel and vertical grille for air outlet
- › Horizontal intake grille and vertical grille for air outlet
- › Horizontal intake and outlet grilles



# Onecta App

Now available with voice control

The Onecta App is for those who live their life on the go and who want to manage their heating system from their smartphone.



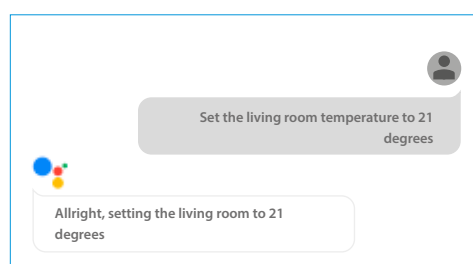
## onecta

NEW

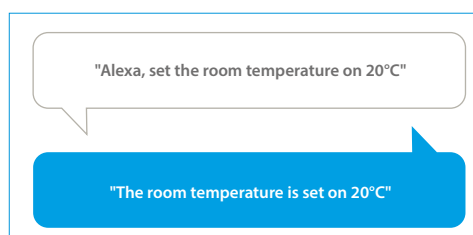
### Voice control

To provide users with even more comfort and ease, the Onecta App now offers voice control. This hands-free feature cuts down on clicks to manage units faster than ever before.

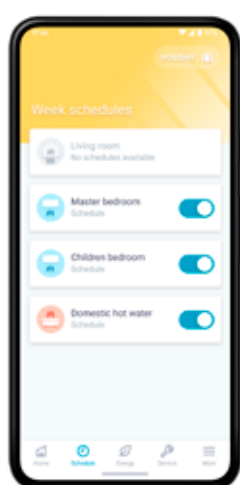
Cross-functional and multilingual, voice control pairs well with any smart device, including Google Assistant and Amazon Alexa.



Example of using the voice control via Google Assistant



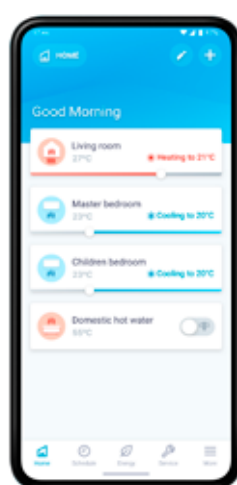
Example of using the voice control via Amazon Alexa



## Schedule

Set up a programme outlining when the system should operate, and create up to six actions per day.

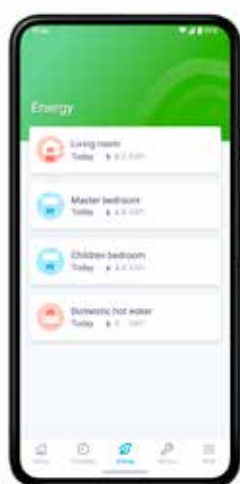
- ☒ Schedule room temperature and operation mode
- ☒ Enable holiday mode to save costs



## Control

Customise the system to fit your lifestyle and year-round comfort levels.

- ☒ Change room and domestic hot water temperature
- ☒ Turn on powerful mode to boost hot water production



## Monitor

Receive a thorough overview of how the system is performing and how much energy it consumes.

- ☒ Check the status of the heating system
- ☒ Access energy consumption graphs (day, week, month)

Function availability depends on the system type, configuration and operation mode.  
The app functionality is only available if both the Daikin system and the app have a reliable internet connection.



Scan the QR code to download the app now





# User-friendly wired remote controller with premium design

Madoka. The beauty of simplicity

Madoka



**Black**  
RAL 9005 (matt)  
BRC1HHDK



**White**  
RAL9003 (glossy)  
BRC1HHDW



**Silver**  
RAL 9006 (metallic)  
BRC1HHDS

## Madoka combines refinement and simplicity

- › Sleek and elegant design
- › Intuitive touch-button control
- › Three colours to match any interior
- › Compact: measures only 85 x 85 mm

## Easy update via Bluetooth

It is strongly recommended to make sure that the user interface is up to date. To update the software or check if updates are available, all you need is a mobile device and the Madoka Assistant app. The app is available on Google Play and in the App Store.



## Award-winning design

Madoka received an IF Design Award and Reddot Product Design Award for its innovative design. These awards represent two of the most prestigious and largest design competitions in the world.



reddot award 2018  
winner





# Stand By Me, a journey to customer satisfaction

It's time to relax. With your customer's new Daikin installation and Stand By Me service program, you can rest assured they are benefiting from the best comfort, energy efficiency, usability and service available on the market. Stand By Me eliminates your clients' worries and provides them with a free, extended warranty, quick follow-up from Daikin service providers, and additional warranties for specific parts.

## Get on board on our train to ultimate customer satisfaction

On our underground map you can discover all the tools we offer to Daikin installers to help them from the first point of contact with a new client, to the maintenance and repair after installation.



**HSN**  
PRO

### Heating Solutions Navigator

Provide the best fit solution for your customers homes

 Web portal

 Professionals



### Daikin e-Care

Access to registration, configuration and trouble shooting

 Mobile app

 Professionals



### Stand By Me

Manage your installation database and offer comfort and service to your customer

 Web portal

 Professionals



### Onecta App

End-user app to control the residential unit

 Mobile app

 Consumer

NEW

## Discover the new features

We keep investing in the support towards our installers. With your Daikin account, you have access to Stand By Me and the Heating Solutions Navigator online. Use the same account to access the Daikin e-Care app. The tools offer now new features, check it out!



### Heating Solutions Navigator

Newest functions:  
underfloor heating, Fan Coil  
selection tool and ventilation  
quotation tool



### Daikin e-Care

Newest function:  
20 installer settings to solve  
problems remotely



### Stand By Me

Newest function:  
20 installer settings for remote  
monitoring (SBM Pro)



### Onecta App

Newest function:  
voice control thanks to Amazon  
Alexa or Google Assistant

NEW

## Error notification and 20 installer settings for remote support through SBM Pro and e-care app

From the professional portal, installers can activate the remote monitoring allowing them to supervise your installation on multiple parameters, from their location. They will get an automatic notification in case there is something wrong with the installation. By changing certain settings they can improve your comfort immediately. Save time and get a better support, thanks to these new features.

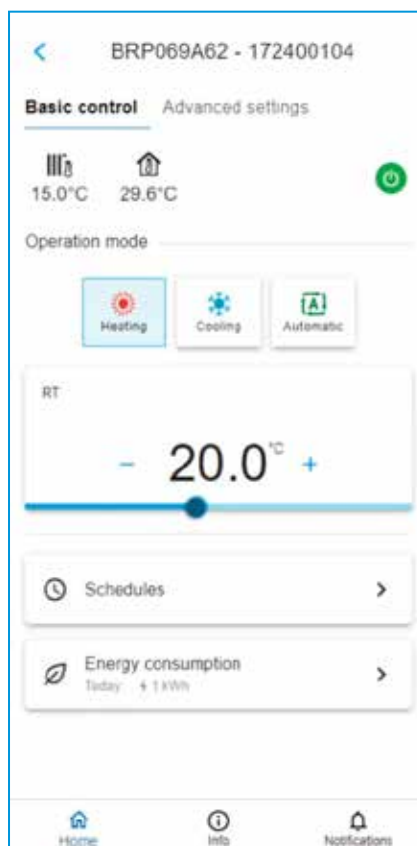
☒ Space heating/cooling

☒ Main zone & Additional zone (LWT)

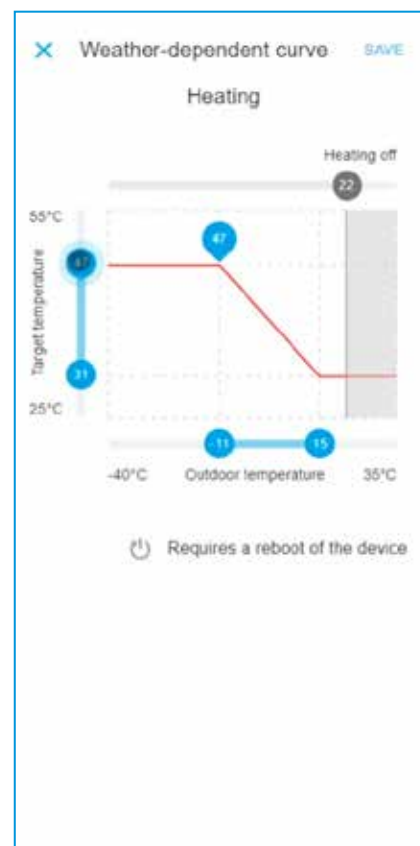
☒ Domestic hot water

☒ Room (RT)

☒ Installer – Error handling



Adjust a room setpoint remotely

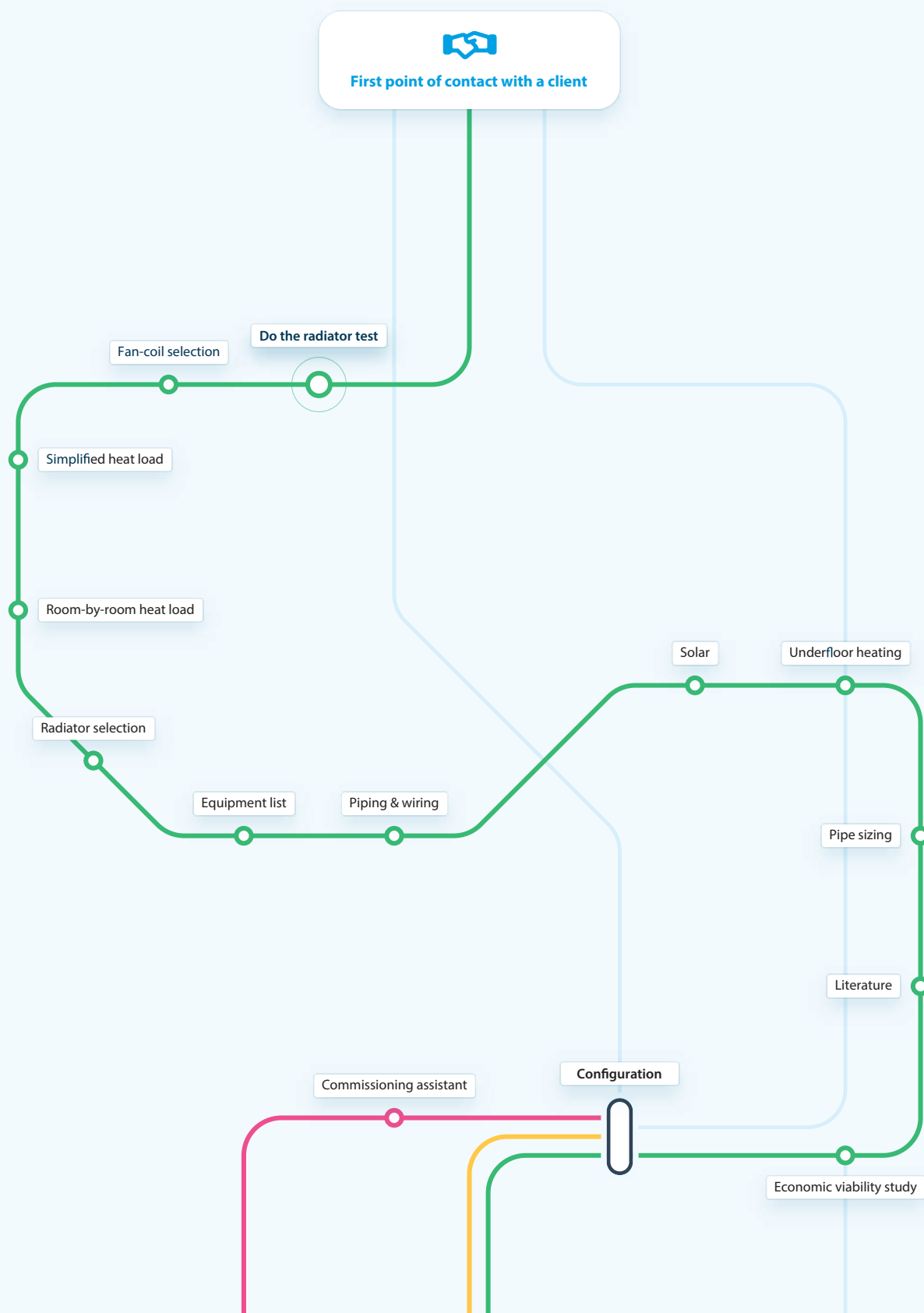


Adjust the weather-dependent curve remotely

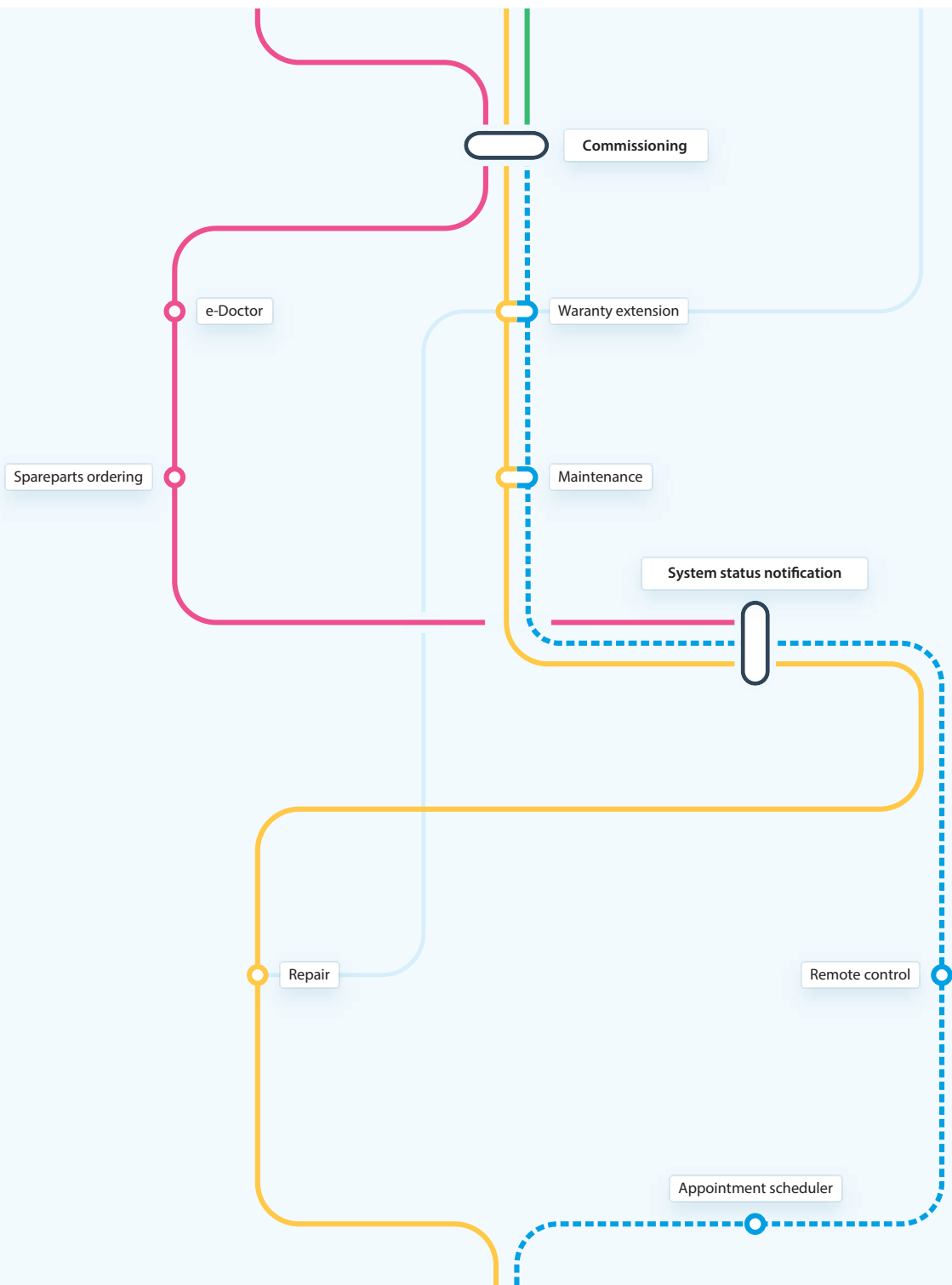


# All about the Heating Solutions Navigator

The Heating Solutions Navigator is a digital toolbox developed for Daikin professionals with the aim to assist in providing the best fit solution for your customers homes. With this tool you can configure your installation, create custom made piping & wiring diagrams, set the configuration on your installation and much more.







#### Heating Solutions Navigator

- Do the radiator test
- Fan-coil selection
- Simplified Heat load
- Room by Room heat load
- Commissioning assistant
- Equipment list
- Piping & wiring
- Solar
- Underfloor heating
- Pipe sizing
- Literature
- Economic viability study
- Configuration
- Commissioning

#### e-Care Mobile App

- Commissioning assistant
- Commissioning
- e-Doctor
- Spareparts ordering
- System status notifications

#### Stand By Me

- Configuration
- Commissioning
- Warranty extension
- System status notifications

#### Onecta App

- Warranty extension
- Maintenance
- Remote control
- Appointment scheduler

# Combination table and options

|                                      |                                                         |                              | Floor standing |              |              |              |              |
|--------------------------------------|---------------------------------------------------------|------------------------------|----------------|--------------|--------------|--------------|--------------|
|                                      |                                                         |                              | Heating only   |              | Reversible   |              | Biz          |
|                                      |                                                         |                              | EHVH04S18E6V   | EHVH08S18E6V | EHVX04S18E3V | EHVX08S18E6V | EHVZ04S18E6V |
|                                      |                                                         |                              | EHVH04S23E6V   | EHVH08S23E6V | EHVX04S23E3V | EHVX08S23E6V |              |
|                                      |                                                         |                              |                | EHVH08S18E9W | EHVX04S18E6V | EHVX08S18E9W |              |
|                                      |                                                         |                              |                | EHVH08S23E9W | EHVX04S23E6V | EHVX08S23E9W |              |
|                                      |                                                         |                              |                |              |              |              |              |
| Type                                 | Description                                             | Material name                |                |              |              |              |              |
| Outdoor unit                         | 4kW                                                     | ERGA04EAV3                   | ●              |              | ●            |              | ●            |
|                                      | 6kW                                                     | ERGA06EAV3H                  |                | ●            |              | ●            |              |
|                                      | 8kW                                                     | ERGA08EAV3H7                 |                | ●            |              | ●            |              |
| Controls                             | Madoka wired room thermostat                            | BRC1HHDK/S/W                 | ●              | ●            | ●            | ●            | ●            |
|                                      | Wireless room thermostat                                | EKRTR1                       | ●              | ●            | ●            | ●            | ●            |
|                                      | Wireless room thermostat                                | EKRTRB                       | ●              | ●            | ●            | ●            | ●            |
|                                      | Wired gital thermostat                                  | EKRTWA                       | ●              | ●            | ●            | ●            | ●            |
|                                      | LAN adapter + PRV solar                                 | BRP069A61                    |                |              |              |              |              |
|                                      | LAN adapter                                             | BRP069A62                    |                |              |              |              |              |
|                                      | WLAN module                                             | BRP069A71                    | ● (1)          | ● (1)        | ● (1)        | ● (1)        | ● (1)        |
|                                      | WLAN cartridge                                          | BRP069A78                    | ● (1)          | ● (1)        | ● (1)        | ● (1)        | ● (1)        |
|                                      | Universal centarized controller for cascade             | EKCC8-W<br>DCOM-LT/IO,-LT/MB | ●              | ●            | ●            | ●            | ●            |
| Sensors                              | Remote indoor sensor                                    | KRCS01-1                     | ● (2)          | ● (2)        | ● (2)        | ● (2)        | ● (2)        |
|                                      | Remote outdoor sensor                                   | EKRSCA1                      | ● (2)          | ● (2)        | ● (2)        | ● (2)        | ● (2)        |
|                                      | External sensor for EKRTR room thermostat               | EKRTETS                      | ● (3)          | ● (3)        | ● (3)        | ● (3)        | ● (3)        |
|                                      | External sensor for EKRTRB room thermostat              | EKRTETSB                     | ● (4)          | ● (4)        | ● (4)        | ● (4)        | ● (4)        |
| Bizone kits                          | Watts kit                                               | BZKA7V3                      | ●              | ●            | ●            | ●            |              |
|                                      | Generic bizone kit                                      | EKMIKPOAF                    |                |              |              |              |              |
|                                      | Generic bizone kit                                      | EKMIKPHAF                    |                |              |              |              |              |
| Domestic hot water                   | DHW tank                                                | EKHWS(U)-D(3)V3              |                |              |              |              |              |
|                                      | Thermal stores                                          | EKHWP-(P)B                   |                |              |              |              |              |
|                                      | Third party tank kit                                    | EKHY3PART                    |                |              |              |              |              |
|                                      | Third party tank kit                                    | EKHY3PART2                   |                |              |              |              |              |
| Heat pump convector                  | Floor standing                                          | FWXV15/20/25*                | ● (6)          | ● (6)        | ● (6)        | ● (6)        | ● (6)        |
|                                      | Wall mounted                                            | FWXT15/20/25*                | ● (6)          | ● (6)        | ● (6)        | ● (6)        | ● (6)        |
|                                      | Concealed                                               | FWXM15/20/25*                | ● (6)          | ● (6)        | ● (6)        | ● (6)        | ● (6)        |
| Other options                        | Digital I/O PCB                                         | EKRPIHBAA                    | ● (7)          | ● (7)        | ● (7)        | ● (7)        | ● (7)        |
|                                      | Demand PCB                                              | EKRPIAHTA                    | ●              | ●            | ●            | ●            | ●            |
|                                      | PC USB cable                                            | EKPCCAB4                     | ●              | ●            | ●            | ●            | ●            |
|                                      | Relay smart grid                                        | EKRESLG                      | ●              | ●            | ●            | ●            | ●            |
|                                      | Corner pipe bend kit                                    | EKHVTC                       | ●              | ●            | ●            | ●            |              |
| Dedicated ECH <sub>2</sub> O options | Inline back-up heater (3kW, for *3V (1N~, 230 V, 3 kW)  | EKECBUAF3V                   |                |              |              |              |              |
|                                      | Inline back-up heater (6kW, for *6V (1N~, 230 V, 6 kW)  | EKECBUAF6V                   |                |              |              |              |              |
|                                      | Inline back-up heater (9kW, for *9WN (3N~, 400 V, 9 kW) | EKECBUAF9W                   |                |              |              |              |              |
|                                      | Inline back-up heater connection kit                    | EKECBUCO3AF                  |                |              |              |              |              |
|                                      | Dirt separator                                          | 156021                       |                |              |              |              |              |
|                                      | Bivalent connector kit                                  | EKECBIVCO2AF                 |                |              |              |              |              |
|                                      | Drain-back connector kit                                | EKECDBC02AF                  |                |              |              |              |              |
|                                      | Circulation stop valves (2 pcs)                         | 165070                       |                |              |              |              |              |
|                                      | Fill and drain connection KFE BA                        | 165215                       |                |              |              |              |              |

- (1) W-LAN cartridge is supplied in the accessory bag of the unit => To be plugged in the SD-Slot on MMI-2 (In case bad reception of signal , the W-LAN cartridge can be removed and replace by WLAN module)
- (2) Only 1 sensor can be connected: indoor OR outdoor sensor.
- (3) Can only be used in combination with the wireless room thermostat EKRTR(1).
- (4) Can only be used in combination with the wireless room thermostat EKRTRB.

|              | ECH <sub>2</sub> 0 |            |            |             | Wall mounted |          |            |          |
|--------------|--------------------|------------|------------|-------------|--------------|----------|------------|----------|
| one          | Standard           |            | Bivalent   |             | Heating only |          | Reversible |          |
| EHVZ08S18E6V | EHS04P30E          | EHS08P30E  | EHSB04P30E | EHSB08P30E  | EBH04E6V     | EBH08E6V | EBX04E6V   | EBX08E6V |
| EHVZ08S23E6V |                    | EHS08P50E  |            | EHSB08P50E  |              | EBH08E9W |            | EBX08E9W |
| EHVZ08S18E9W |                    | EHSX04P30E |            | EHSXB04P30E |              |          |            |          |
| EHVZ08S23E9W |                    | EHSX04P50E |            | EHSXB04P50E |              |          |            |          |
|              |                    | EHSX08P30E |            | EHSXB08P30E |              |          |            |          |
|              |                    | EHSX08P50E |            | EHSXB08P50E |              |          |            |          |
|              |                    |            |            |             |              |          |            |          |
|              | •                  |            | •          |             | •            |          | •          |          |
| •            |                    | •          |            | •           |              | •        |            | •        |
| •            |                    | •          |            | •           |              | •        |            | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| • (1)        | • (1)              | • (1)      | • (1)      | • (1)       | • (1)        | • (1)    | • (1)      | • (1)    |
| • (1)        | • (1)              | • (1)      | • (1)      | • (1)       | • (1)        | • (1)    | • (1)      | • (1)    |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| • (2)        | • (2)              | • (2)      | • (2)      | • (2)       | • (2)        | • (2)    | • (2)      | • (2)    |
| • (2)        | • (2)              | • (2)      | • (2)      | • (2)       | • (2)        | • (2)    | • (2)      | • (2)    |
| • (3)        | • (3)              | • (3)      | • (3)      | • (3)       | • (3)        | • (3)    | • (3)      | • (3)    |
| • (4)        | • (4)              | • (4)      | • (4)      | • (4)       | • (4)        | • (4)    | • (4)      | • (4)    |
|              |                    |            |            |             | •            | •        | •          | •        |
|              | •                  | •          | •          | •           |              |          |            |          |
|              | •                  | •          | •          | •           |              |          |            |          |
|              |                    |            |            |             | •            | •        | •          | •        |
|              |                    |            |            |             | •            | •        | •          | •        |
|              |                    |            |            |             | •            | •        | •          | •        |
|              |                    |            |            |             | • (5)        | • (5)    | • (5)      | • (5)    |
| • (6)        | • (6)              | • (6)      | • (6)      | • (6)       | • (6)        | • (6)    | • (6)      | • (6)    |
| • (6)        | • (6)              | • (6)      | • (6)      | • (6)       | • (6)        | • (6)    | • (6)      | • (6)    |
| • (6)        | • (6)              | • (6)      | • (6)      | • (6)       | • (6)        | • (6)    | • (6)      | • (6)    |
| • (7)        |                    |            |            |             | • (7)        | • (7)    | • (7)      | • (7)    |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
| •            | •                  | •          | •          | •           | •            | •        | •          | •        |
|              |                    |            |            |             |              |          |            |          |
|              | • (8)              | • (8)      | • (8)      | • (8)       |              |          |            |          |
|              | • (8)              | • (8)      | • (8)      | • (8)       |              |          |            |          |
|              | • (8)              | • (8)      | • (8)      | • (8)       |              |          |            |          |
|              | • (8)              | • (8)      | • (8)      | • (8)       |              |          |            |          |
|              | •                  | •          | •          | •           |              |          |            |          |
|              |                    |            | •          | •           |              |          |            |          |
|              | •                  | •          | •          | •           |              |          |            |          |
|              | •                  | •          | •          | •           |              |          |            |          |
|              | •                  | •          | •          | •           |              |          |            |          |

(5) EKHY3PART2 can needs to be used if you have a tank in which you can't insert a thermistor

(6) Multi combination (quantity, depends on capacity class). EKVKHPC needs to be installed mandatory on heat pump convector (exception: LT- H/O).

(7) Additional relays to allow bivalent control in combination with external room thermostat are field supply.

(8) Only 1 Backup heater can be connected on one unit: 3 or 6\* or 9 kW (\*No 6T1-model applicable). EKEBCUCO\*AF is needed to connect the backup heater to the main unit.



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