

Daikin Altherma 3 R ECH₂O

The Daikin Altherma low temperature split integrated ECH₂O 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 (500l tank only)
- › Electronic management of both heat pump and ECH₂O 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

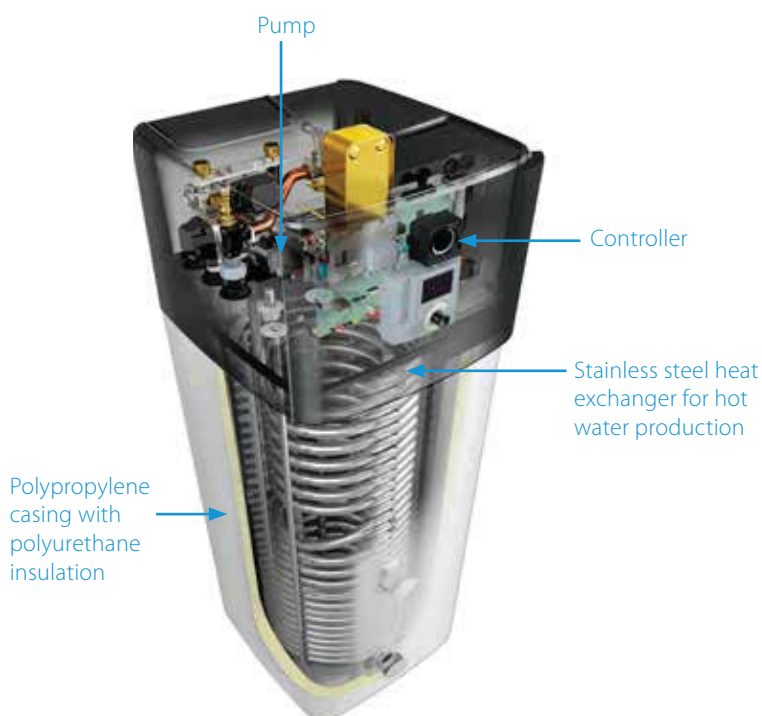
Innovative and high-quality tank

- › 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

ECH₂O



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.

ECH₂O 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

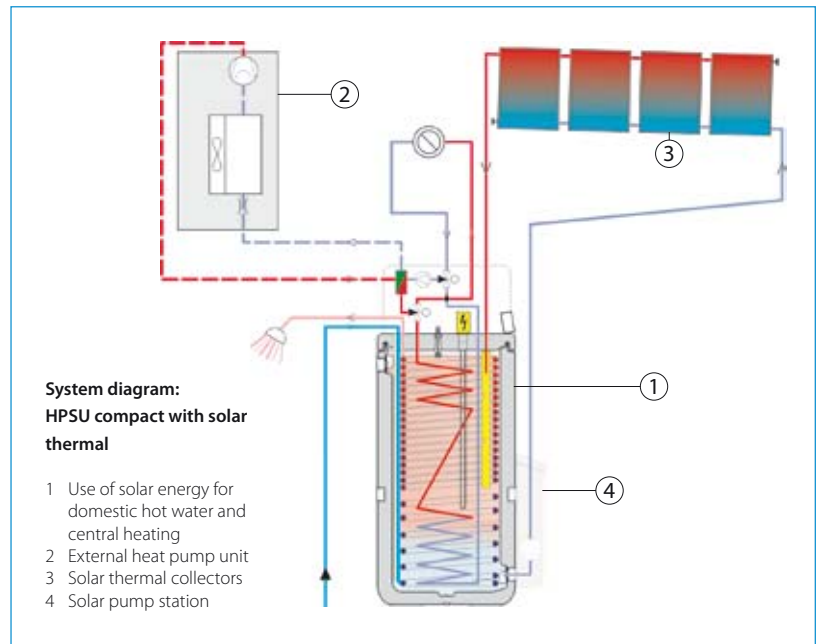
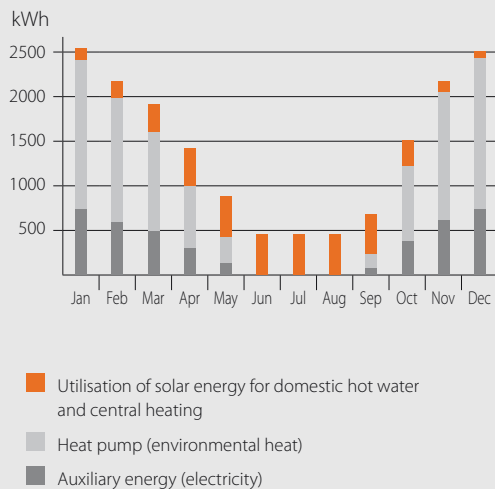
Pressureless (drain-back) solar system (EHSB-D, EHSX-D)

- › 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 (EHSB-D, EHSX-D)

- › 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 low temperature split integrated ECH₂O

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



A+++
(3)



A

65°C

R-32



011-1W0262
011-1W0264 → 267

| Efficiency data | | | | ESH + ERGA | 04P30D + 04DV | 08P30D + 06DV | 08P50D + 06DV | 08P30D + 08DV | 08P50D + 08DV |
|----------------------------|-----------------------------------|---------------------------------------|--|------------|---------------|---------------------|---------------------|---------------------|---------------|
| 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) | |
| Space heating | Average climate water outlet 55°C | General | SCOP | | | 3.26 | | 3.32 | |
| | | | ns (Seasonal space heating efficiency) | % | | 127 | | 130 | |
| | Average climate water outlet 35°C | General | Seasonal space heating eff. class | | | A++ | | | |
| | | | SCOP | % | 4.48 | 4.47 | 4.56 | | |
| Domestic hot water heating | General Average climate | Declared load profile | ns (Seasonal space heating efficiency) | % | | 176 | | 179 | |
| | | | Seasonal space heating eff. class | | | A+++ (3) | | | |
| | Average climate | Water heating energy efficiency class | | | L | XL | L | XL | |
| | | | | | 108 | 106 | 108 | 106 | |

| Indoor Unit | | | | ESH | 04P30D | 08P30D | 08P50D | 08P30D | 08P50D |
|----------------------|------------------------------|---|-----------|------|--------------|--------------------------------------|--------------|--------------|--------------|
| Casing | Colour | Traffic white (RAL9016) / Dark grey (RAL7011) | | | | | | | |
| | Material | Impact resistant polypropylene | | | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | 1891x595x615 | | 1896x790x790 | 1891x595x615 | 1896x790x790 |
| Weight | Unit | | kg | | 73 | | 93 | 73 | 93 |
| 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 | | | 39.1 | | |
| Sound pressure level | Nom. | | | dBA | | | 28 | | |
| Outdoor Unit | | | | ERGA | 04DV | 06DV | 08DV | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | | 740x884x388 | | | |
| 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 Control | TCO ₂ Eq | | | | 1.01 | | | |
| Sound power level | Heating | Nom. | dBA | | 58 | 60 | 62 | | |
| | Cooling | Nom. | dBA | | 61 | | | | |
| 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)

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

Daikin Altherma low temperature split integrated ECH₂O

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



011-1W0262
011-1W0264 → 267

| Efficiency data | | | | EHSB + ERGA | 04P30D + 04DV | 08P30D + 06DV | 08P50D + 06DV | 08P30D + 08DV | 08P50D + 08DV |
|----------------------------|-----------------------------------|--|---|-------------|---------------------|---------------------|---------------|---------------------|---------------|
| 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) | |
| Space heating | Average climate water outlet 55°C | General | SCOP | | 3.26 | | 3.32 | | |
| | | | η _{sp} (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 _{sp} (Seasonal space heating efficiency) | % | 176 | | 179 | | |
| | | | Seasonal space heating eff. class | | A+++ (3) | | | | |
| Domestic hot water heating | General | Declared load profile | | L | XL | | L | XL | |
| | Average climate | η _{wh} (water heating efficiency) | % | 108 | 109 | | 108 | 109 | |
| | | Water heating energy efficiency class | | A | | | | | |

| Indoor Unit | | | | EHSB | 04P30D | 08P30D | 08P50D | 08P30D | 08P50D |
|----------------------|---------------------------|---|-----------|------|--------------|--------|--------------|--------------|--------------|
| Casing | Colour | Traffic white (RAL9016) / Dark grey (RAL7011) | | | | | | | |
| | Material | Impact resistant polypropylene | | | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | 1891x595x615 | | 1896x790x790 | 1891x595x615 | 1896x790x790 |
| Weight | Unit | | kg | | 73 | | 93 | 73 | 93 |
| 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 | | | 39.1 | | |
| Sound pressure level | Nom. | | | dBA | | | 28 | | |

| Outdoor Unit | | | | ERGA | 04DV | 06DV | 08DV |
|----------------------|------------------------------|--------------------|---------------------|------|------|--------------------------------------|------|
| Dimensions | Unit | HeightxWidthxDepth | mm | | | 740x884x388 | |
| 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 Control | | TCO ₂ Eq | | | 1.01 | |
| 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/IN~/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)

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

Daikin Altherma

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- › 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



A+++
(3)



A

65°C

R-32



011-1W0262 → 267

| Efficiency data | | | | EHSX + ERGA | 04P30D + 04DV | 04P50D + 04DV | 08P30D + 06DV | 08P50D + 06DV | 08P30D + 08DV | 08P50D + 08DV |
|----------------------------|-----------------|--|-----------------------------------|-------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|
| 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) | |
| Cooling capacity | Nom. | | | kW | 5.56 (1) / 4.37 (2) | | 5.96 (1) / 4.87 (2) | | 6.25 (1) / 5.35 (2) | |
| Power input | Cooling | Nom. | | kW | 0.94 (1) / 1.14 (2) | | 1.06 (1) / 1.33 (2) | | 1.16 (1) / 1.51 (2) | |
| COP | | | | | 5.10 (1) / 3.65 (2) | | 4.85 (1) / 3.50 (2) | | 4.60 (1) / 3.50 (2) | |
| EER | | | | | 5.94 (1) / 3.84 (2) | | 5.61 (1) / 3.67 (2) | | 5.40 (1) / 3.54 (2) | |
| Space heating | Average climate | General | SCOP | | | 3.26 | | | 3.32 | |
| | water outlet | | η _s (Seasonal space | % | | 127 | | | 130 | |
| | 55°C | | heating efficiency) | | | | | | | |
| | | | Seasonal space heating eff. class | | | | A++ | | | |
| Space heating | Average climate | General | SCOP | | 4.48 | | 4.47 | | 4.56 | |
| | water outlet | | η _s (Seasonal space | % | | 176 | | | 179 | |
| | 35°C | | heating efficiency) | | | | | | | |
| | | | Seasonal space heating eff. class | | | | A+++ (3) | | | |
| Domestic hot water heating | General | Declared load profile | | | L | XL | L | XL | L | XL |
| | Average | η _{wh} (water heating efficiency) | % | | 108 | 106 | 108 | 106 | 108 | 106 |
| | climate | Water heating energy efficiency class | | | | | A | | | |

| Indoor Unit | | | | EHSX | 04P30D | 04P50D | 08P30D | 08P50D | 08P30D | 08P50D |
|----------------------|---------------------------|--------------------|-----------|------|---|--------------|--------------|--------------|--------------|--------------|
| Casing | Colour | | | | Traffic white (RAL9016) / Dark grey (RAL7011) | | | | | |
| | Material | | | | Impact resistant polypropylene | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | 1891x595x615 | 1896x790x790 | 1891x595x615 | 1896x790x790 | 1891x595x615 | 1896x790x790 |
| Weight | Unit | | kg | | 73 | 93 | 73 | 93 | 73 | 93 |
| Tank | Water volume | | l | | 294 | 477 | 294 | 477 | 294 | 477 |
| Operation range | Maximum water temperature | | | °C | | | | 85 | | |
| | 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 | | | | 39.1 | | |
| Sound pressure level | Nom. | | | dBA | | | | 28 | | |

| Outdoor Unit | | | | ERGA | 04DV | 06DV | 08DV |
|----------------------|------------------------------|--------------------|---------------------|------|------|--------------------------------------|------|
| Dimensions | Unit | HeightxWidthxDepth | mm | | | 740x884x388 | |
| 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 ₂ Eq | | | 1.01 | |
| Sound power level | Control | | | | | Expansion valve | |
| | Heating | Nom. | dBA | | 58 | | 62 |
| | Cooling | Nom. | dBA | | 61 | | 62 |
| Sound pressure level | Heating | Nom. | dBA | | 44 | | 49 |
| | Cooling | Nom. | dBA | | 48 | | 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)

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

Daikin Altherma low temperature split integrated ECH₂O

Floor standing air to water heat pump for **bivalent heating, cooling 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


A+++

(3)


A
65°C
R-32


011-1W0262 → 267

| Efficiency data | | | | EHSXB + ERGA | 04P30D + 04DV | 04P50D + 04DV | 08P30D + 06DV | 08P50D + 06DV | 08P30D + 08DV | 08P50D + 08DV |
|----------------------------|-----------------------------------|-----------------------|--|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|
| 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) | |
| Cooling capacity | Nom. | | | kW | 5.56 (1) / 4.37 (2) | | 5.96 (1) / 4.87 (2) | | 6.25 (1) / 5.35 (2) | |
| Power input | Cooling | Nom. | | kW | 0.94 (1) / 1.14 (2) | | 1.06 (1) / 1.33 (2) | | 1.16 (1) / 1.51 (2) | |
| COP | | | | | 5.10 (1) / 3.65 (2) | | 4.85 (1) / 3.50 (2) | | 4.60 (1) / 3.50 (2) | |
| EER | | | | | 5.94 (1) / 3.84 (2) | | 5.61 (1) / 3.67 (2) | | 5.40 (1) / 3.54 (2) | |
| Space heating | Average climate water outlet 55°C | General | SCOP | % | | 3.26 | | | 3.32 | |
| | | | η _s (Seasonal space heating efficiency) | % | | 127 | | | 130 | |
| | Average climate water outlet 35°C | General | Seasonal space heating eff. class | | | | A++ | | | |
| | | | SCOP | % | 4.48 | | 4.47 | | 4.56 | |
| Domestic hot water heating | General | Declared load profile | η _{wh} (water heating efficiency) | % | | 176 | | | 179 | |
| | | | Water heating energy efficiency class | | | | A+++ (3) | | | |
| | Average climate | | L | | L | XL | L | XL | L | XL |
| | | | 108 | | 108 | 109 | 108 | 109 | 108 | 109 |


| Indoor Unit | | | | EHSXB | 04P30D | 04P50D | 08P30D | 08P50D | 08P30D | 08P50D |
|----------------------|---------------------------|--------------------|-----------|-------|---|--------------|--------------|--------------|--------------|--------------|
| Casing | Colour | | | | Traffic white (RAL9016) / Dark grey (RAL7011) | | | | | |
| | Material | | | | Impact resistant polypropylene | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | 1891x595x615 | 1896x790x790 | 1891x595x615 | 1896x790x790 | 1891x595x615 | 1896x790x790 |
| Weight | Unit | | kg | | 76 | 99 | 76 | 99 | 76 | 99 |
| Tank | Water volume | | l | | 294 | 477 | 294 | 477 | 294 | 477 |
| Operation range | Maximum water temperature | | | °C | | | 85 | | | |
| | 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 | | | 39.1 | | | |
| Sound pressure level | | | | Nom. | | | 28 | | | |

| Outdoor Unit | | | | ERGA | 04DV | 06DV | 08DV |
|----------------------|------------------------------|--------------------|---------------------|------|--------------------------------------|------|------|
| Dimensions | Unit | HeightxWidthxDepth | mm | | 740x884x388 | | |
| Weight | Unit | | kg | | 58.5 | | |
| Compressor | Quantity | | | | 1 | | |
| Operation range | Type | | | | Hermetically sealed swing compressor | | |
| | 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 ₂ Eq | | 1.01 | | |
| Sound power level | Control | | | | Expansion valve | | |
| | Heating | Nom. | dBA | | 58 | | 62 |
| | Cooling | Nom. | dBA | | 61 | | |
| Sound pressure level | Heating | Nom. | dBA | | 44 | | 49 |
| | Cooling | Nom. | dBA | | 48 | | 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)

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

Options

| Type | Daikin Altherma 3 R ECH ₂ O | | Material name |
|------------------------|---|---------------------------------|----------------------|
| Controls |  | Room thermostat | RoCon U1 / EHS157034 |
| |  | Mixer module | RoCon M1 / EHS157068 |
| |  | Remote outdoor sensor | EKRSC1 |
| |  | Gateway for apps | RoCon G1 / EHS157056 |
| Back-up heater |  | Back-up heater 1 kW + Switchbox | EKBUB1C + EKBUSWB |
| | | Back-up heater 3 kW + Switchbox | EKBUB3C + EKBUSWB |
| | | Back-up heater 9 kW + Switchbox | EKBUB9C + EKBUSWB |
| Hydraulics |  | Hydraulic separator | HWC / 172900 |
| |  | Heat insulation for HWC | WHWC / 172901 |
| Pump group |  | Pump group with mixer module | 156075 |
| | | Pump group without mixer module | 156077 |
| Additional connections |  | Dirt separator SAS1 | SAS1 / 156021 |
| |  | Dirt separator SAS2 | SAS2 / 156023 |
| | | Biv connector kit | 141589 |
| | | DB connector kit | 141590 |
| | | Terminal connection kit | 141592 |
| Other | | Connector external heater | 141591 |
| | | Low sound cover for ERGA-D | EKLN-A |

