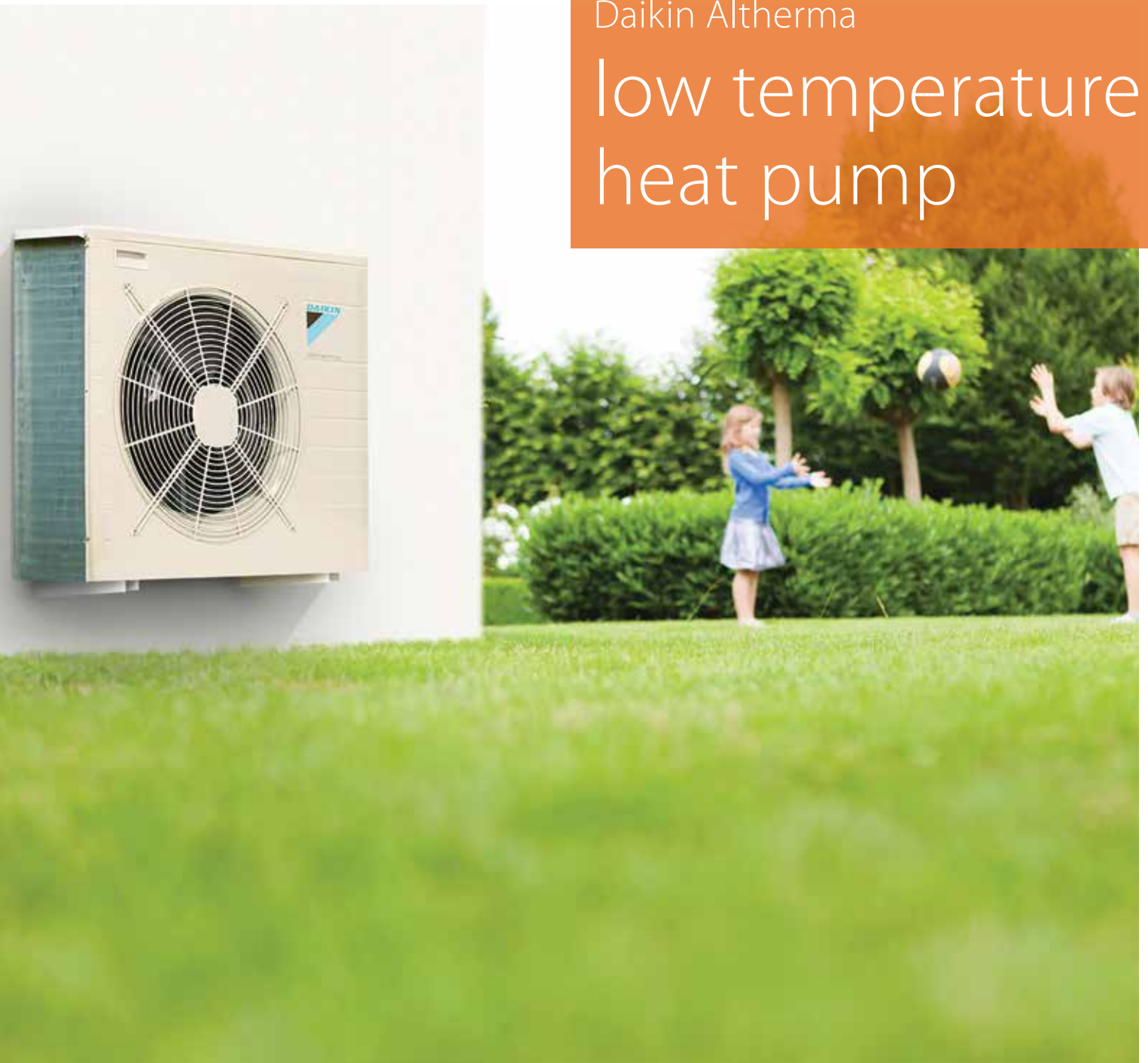




Daikin Altherma

# low temperature heat pump



Air to water heat pumps with the highest efficiency for new build

# Why choose Daikin?

As an industry leader, Daikin combines broad experience, technical innovation and responsive customer service to help you meet all your objectives.

## ✓ Comfort

You need optimum comfort at all times for your space heating and domestic hot water needs. The Daikin Altherma heat pump delivers this as only Daikin can.

## ✓ Control

You need to be totally in charge of your comfort and costs. The Daikin Altherma heat pump is user-friendly and easy to control, thanks to our specially developed and proven control system and new interface.

## ✓ Energy Efficiency

Based on years of development and experience, and manufactured to exact tolerances, our technology will ensure that your Daikin Altherma heat pump gives you years of trouble-free operation.

## ✓ Reliability

Reliability is a prerequisite for any new heating system. Daikin technology, designed and manufactured to the highest standards, has proved to be the ultimate in reliability. Based on years of development and experience, and manufactured to exact tolerances, our technology will give years of trouble free operation.

## Daikin Altherma the optimal solution for all climates

Years of testing and experience with extreme temperatures has given Daikin unparalleled experience in creating heat pumps guaranteed to deliver top performance in the most severe of winter conditions. That's why our outdoor units incorporate effective frost-protection design features. They prevent ice build-up, enabling the units to continue working optimally at any temperature.

No matter which Daikin Altherma system you choose, you'll have the ideal solution for your climate.

## Seasonal efficiency, smart use of energy



The EU wants to inform people about the amount of energy that products consume, and will ban inefficient products from the market. Seasonally-efficient units are optimised to be energy efficient for the average conditions you can expect over an entire heating and cooling season.

From September 2015, all heating systems, including those using heat pumps, will receive an energy label to help customers make the most energy-efficient choice.

### System efficiency\* :



\* EHVH04S18CB3V + ERLQ004CV3



Why choose

# Daikin Altherma low temperature heat pump?

Part of an innovative product range, the Daikin Altherma low temperature heat pump is designed to deliver only the best in climate control.

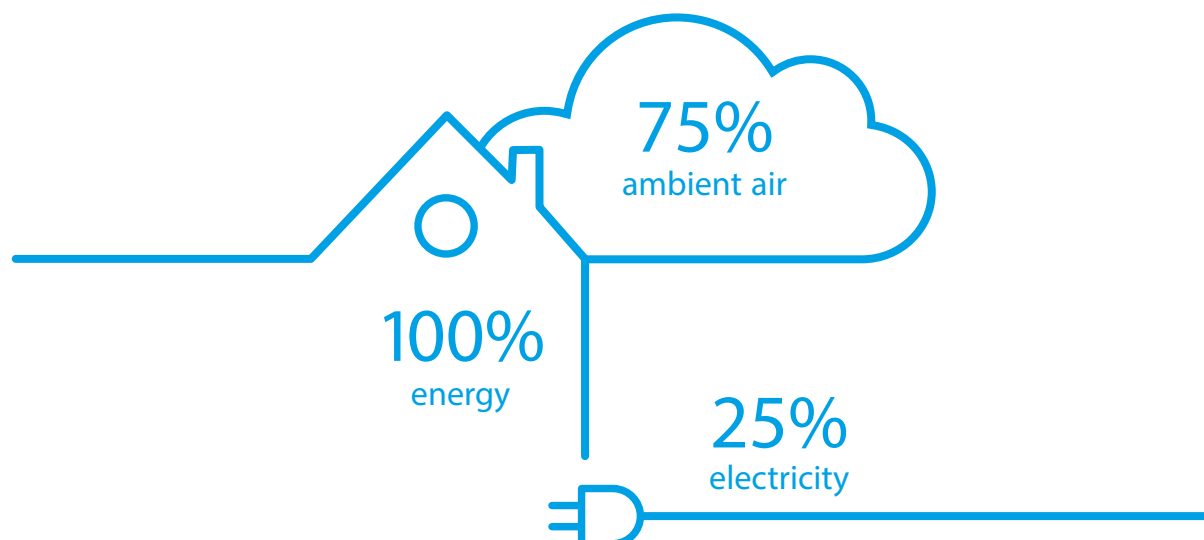
- › 3 in 1: Daikin Altherma is a total **heating** and **domestic hot water** system with an option for **cooling**
- › Best seasonal efficiencies up to A++, providing the highest savings on running costs
- › Perfect fit for new builds, as well as for low-energy houses
- › Total control of comfort and costs via a contemporary controller or smartphone app
- › Optimum comfort for heating and domestic hot water even at outdoor temperatures of -25°C



## What is heat pump technology?

Heat pumps extract heat from the outside air, even in cold weather. They use an electrically powered compressor and are extremely effective at heating a flat or house. Silent and discreet, Daikin heat pumps use state-of-the-art technology to keep your energy bills as

low as possible. With a Daikin heat pump, 75% of the energy used to heat your home comes from the outside air, a free and infinitely renewable resource! For cooling, the system is reversed, extracting heat from the indoor air.



# Daikin Altherma low temperature heat pump

## The natural choice

We offer a solution for every application



### Best seasonal efficiencies, providing the highest savings on running costs

- › Excellent SCOP ratings up to 4.52 for incentive and certification schemes
- › No (or very limited) need of electrical assistance for back-up heating
- › The best efficiencies achieved within the most relevant temperature range



### Perfect fit for new builds, as well as for low-energy houses

- › Custom-made for very low heat loads
- › Built to withstand the most severe winter conditions
- › Heating, cooling and domestic hot water in one system

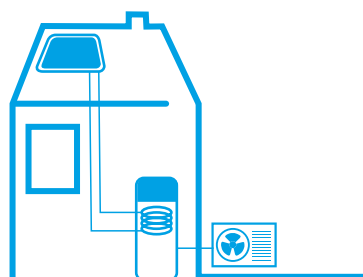


p5

Floor-standing unit with integrated domestic hot water tank

#### Compact and yet 100% comfort guaranteed

- › All components and connections factory-mounted
- › Very small installation footprint required
- › Minimum electrical input with constantly available hot water
- › Bi-zone option: two temperature zones automatically regulated by the same indoor unit



p6

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



p7

Wall mounted unit

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

- › Compact unit with small installation space: almost no side clearance required
- › Can be combined with a separate domestic hot water tank of up to 500 litres, with or without solar support



p8

Monobloc outdoor unit

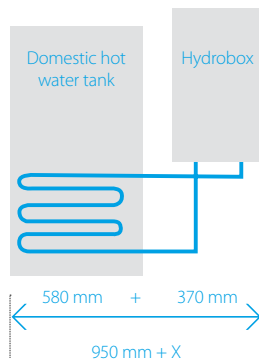
#### Ideal when indoor space is limited

- › Compact monobloc for space heating & cooling with optional domestic hot water
- › Fuss-free installation: only water and electricity connections are required
- › Reliable operation down to -25°C (outside) thanks to effective frost-protection features



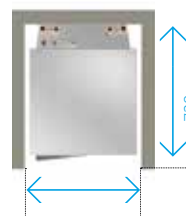
## Floor-standing unit with integrated domestic hot water tank

Traditional set-up:

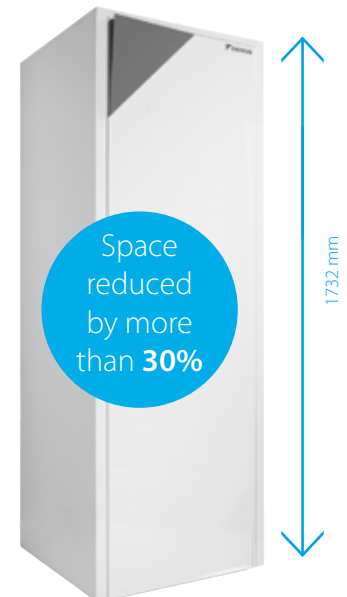


VS

Integrated indoor unit:



600 mm + 10 mm clearance on both sides



### Compact and yet 100% comfort guaranteed

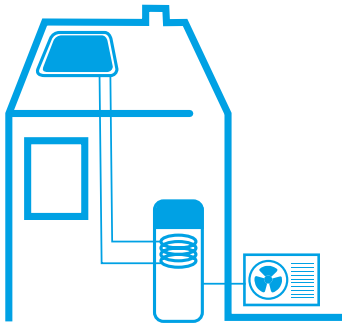
- › All-in-one floor standing unit including the domestic hot water tank with
- › Small footprint of only 600 x 728 mm
- › Bi-zone option to regulate two different temperature zones

Thanks to an innovative and sleek design, the **Daikin Altherma all-in-one solution provides you with heating, cooling and domestic hot water**. Our floor-standing indoor units have a small footprint: they are stackable on a floor space of just 600 x 728 mm and contain a 180- or 260-litre domestic hot water tank.

The tank already minimises heat loss: it **delivers 50% more heat retention compared to standard tanks**. But to maximise efficiency, we have combined

our advanced technology with a new user interface. Intuitive menus allow you to pre-set the schedule and temperature for domestic hot water production and to programme your heating or cooling requirements.

If you would like to combine different heat emitter types, for example under-floor heating and radiators, Daikin offers a bi-zone option (EHVZ). The unit automatically regulates two different temperature zones by adjusting the water temperature going to the heat emitters operating at that moment. This results in low running costs, as the efficiency of the heat pump is optimised.



## Integrated solar unit and domestic hot water tank

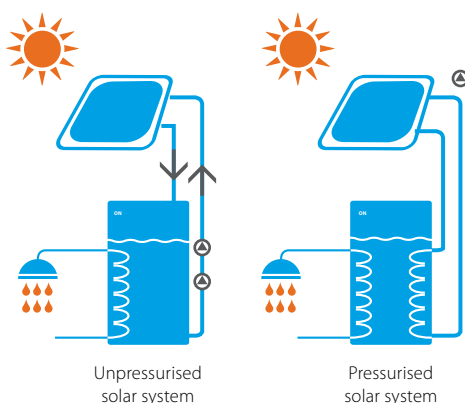
### ✓ Maximising renewable energy with top comfort for hot water preparation

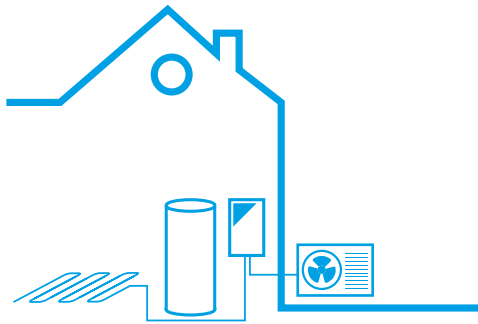
- › Solar support of domestic hot water with unpressurised (drain-back) or pressurised solar system
- › Lightweight plastic tank with exceptional hygienic benefits
- › App control possible for managing heating, hot water and cooling operation

The Daikin Altherma integrated solar unit uses **free energy from the sun** to help heat your domestic hot water. For this application, solar energy and heat pumps complement each other ideally. Depending on your particular needs you can choose either an unpressurised or a pressurised system. As an option you can also combine it with a secondary heat source, such as a gas boiler,

for heating and domestic hot water. The solar unit uses an advanced lightweight plastic tank incorporating exceptional hygienic properties to protect against contamination. In case of an unpressurised solar system our flow-through design, prevents bacteria cannot become to establish and grow. This eliminates the need for a thermal disinfectant cycle.

Additionally, the integrated solar unit can be controlled by either its controller or via smartphone app.





## Wall mounted unit

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

- › Compact indoor unit
- › Combinable with a separate domestic hot water tank
- › Solar thermal support possible

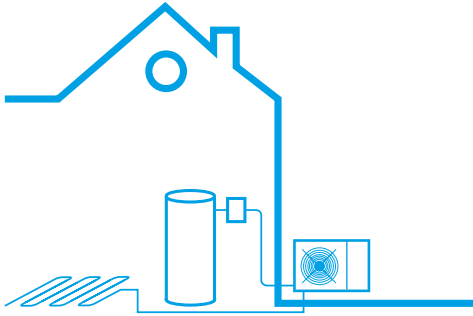
When you want to retain an existing hot water system or when floor space is limited, the Daikin Altherma wall-mounted unit may be the perfect solution. The compact unit contains all the **necessary hydraulic connections** within a sleek design to **ensure fast installation and easy maintenance**.

The controller is connected to a temperature sensor installed in a location that will best allow it to monitor ambient temperatures, in order to optimally control heating and cooling.

The Daikin Altherma wall-mounted unit can be combined with under-floor heating, radiators and a heat pump convactor. It can also be connected to a variety of water tanks:

- › Enameled (150, 200 & 300l)
- › Stainless steel (150, 200 & 300l)
- › Lightweight plastic solar unit (300 & 500l)





## Monobloc outdoor unit

### ✓ Ideal when indoor space is limited

- > Everything combined in one outdoor unit
- > Quick and easy installation: only water pipes run indoors from the outdoor unit
- > Only outdoor space is required, freeing up indoor space
- > Freeze protection for all hydraulic parts

A natural fit for homes **where space is limited**, the new Daikin Altherma LT Monobloc has only a wiring centre indoors. **The compact and quiet outdoor unit can be installed almost anywhere** – under a windowsill or in the smallest of gardens. It is perfect for an energy-efficient new property. For larger applications it is also available in 11 to 16 kW.

Wherever the Daikin Altherma LT monobloc finds a home, it will keep heating bills as low as possible, while helping to reduce your carbon emissions and environmental impact. The space-saving outdoor unit, wiring centre and optional back-up heater will work efficiently with under-floor heating, radiators and fan convectors, and can also be combined with solar thermal systems.





# Energy saving Calculator

Calculate your energy savings.  
Go to [ecocalc.daikin.eu](http://ecocalc.daikin.eu) and see for yourself how much you can save with a Daikin heat pump.

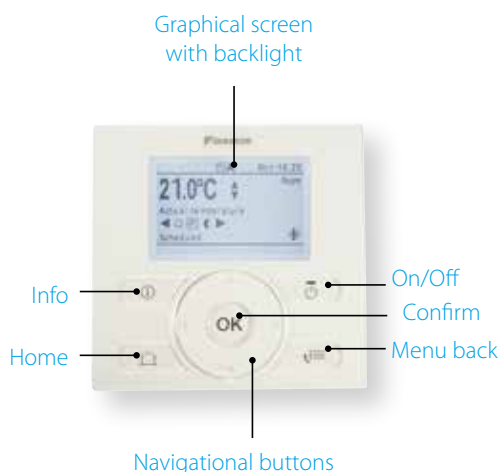


Daikin provides a web-based tool to give a quick estimation of savings on running costs and savings on CO<sub>2</sub> emissions. Based on a few inputs from the customer (location, house type, floor area, number of people), a comparison is made between the Daikin Altherma heat pump system and traditional heating systems.

- \* EHV(H/X)04C or EHB(H/X)04C with ERLQ004CV3 (Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C))
- \* Simulation for a new build detached house (room in roof) with low temperature emitters, for 4 people and a heated surface of 125m<sup>2</sup>, taking into account Belgian climate conditions and energy prices.

This comparison includes the space heating and domestic hot water heating. This is available for both new builds and refurbishment applications.




# Easy control




In case something goes wrong, full-text error messages will guide the end-user to take appropriate action to try and resolve the problem. If the problem persists and a site intervention is necessary, the service engineer will be able to review the last 20 error occurrences. Detailed information on the operational conditions of the unit, such as the running hours of the different elements, operating temperatures or number of starts, can easily be read out from the extended end-user's menu.


\* not available for EHSX(X(B)-A and E(D/B)(L/H)Q-BB6V3/W1


# Specifications

Daikin Altherma low temperature split	Capacity	Nominal capacity (kW)		Space heating				
		Heating	Cooling	Average climate water outlet 55°C				
				ηs (Seasonal space heating efficiency)	SCOP	Seasonal space heating eff. class		
<b>Integrated floor standing unit</b>  	EHVH-CB + ERLQ-CV3/W1	04S18CB3V + 004CV3	4.40/4.03	-	125	3.20	A++	
		08S18CB3V/08S26CB9W + 006CV3	6.00/5.57	-	124	3.17	A+	
		08S18CB3V/08S26CB9W + 008CV3	7.40/6.89	-	126	3.23	A++	
		11S18CB3V/11S26CB9W + 011CV3	11.20/11.00	-	124	3.18	A+	
	EHVH-CB + ERHQ-BV3/BW1	16S18CB3V/11S26CB9W + 014CV3	14.50/13.60	-	120	3.07	A+	
		16S18CB3V/11S26CB9W + 016CV3	16.00/15.20	-	122	3.13	A+	
		11S18CB3V/11S26CB9W + 011CW1	11.20/ 11.0	-	124	3.18	A+	
		16S18CB3V/11S26CB9W + 014CW1	14.50/13.60	-	120	3.07	A+	
		16S18CB3V/11S26CB9W + 016CW1	16.00/15.20	-	122	3.13	A+	
		11S18CB3V/11S26CB9W + 011BV3	11.20/10.30	-	114	2.93	A+	
		16S18CB3V/11S26CB9W + 014BV3	14.00/13.10	-	113	2.91	A+	
		16S18CB3V/11S26CB9W + 016BV3	16.00/15.20	-	115	2.94	A+	
	EHVX-CB + ERLQ-CV3/W1	11S18CB3V/11S26CB9W + 011BW1	11.32/10.98	-	117	3.00	A+	
		16S18CB3V/11S26CB9W + 014BW1	14.50/13.57	-	116	2.98	A+	
		16S18CB3V/11S26CB9W + 016BW1	16.05/15.11	-	118	3.03	A+	
		04S18CB3V + 004CV3	4.40/4.03	4.1/4.2	125	3.20	A++	
		08S18CB3V/08S26CB9W + 006CV3	6.00/5.57	5.9/4.8	124	3.17	A+	
		08S18CB3V/08S26CB9W + 008CV3	7.40/6.89	6.2/5.4	126	3.23	A++	
		11S18CB3V/11S26CB9W + 011CV3	11.20/11.00	12.1/11.7	124	3.18	A+	
		16S18CB3V/11S26CB9W + 014CV3	14.50/13.60	12.7/12.6	120	3.07	A+	
	EHVX-CB + ERHQ-BV3/BW1	16S18CB3V/11S26CB9W + 016CV3	16.00/15.20	13.8/13.1	122	3.13	A+	
		11S18CB3V/11S26CB9W + 011CW1	11.20/ 11.0	12.1/ 11.7	124	3.18	A+	
		16S18CB3V/11S26CB9W + 014CW1	14.50/13.60	12.7/12.6	120	3.07	A+	
		16S18CB3V/11S26CB9W + 016CW1	16.00/15.20	13.8/13.1	122	3.13	A+	
		11S18CB3V/11S26CB9W + 011BV3	11.20/10.30	13.9/10.0	114	2.93	A+	
		16S18CB3V/11S26CB9W + 014BV3	14.00/13.10	17.3/12.5	113	2.91	A+	
		16S18CB3V/11S26CB9W + 016BV3	16.00/15.20	17.8/13.1	115	2.94	A+	
		11S18CB3V/11S26CB9W + 011BW1	11.32/10.98	15.1/11.7	117	3.00	A+	
	<b>Integrated solar unit</b>  	EHSB-A + ERLQ-CV3/W1	04P30A + 004CV3	4.53/3.98/4.26	-	130	-	A++
			08P30A/P50A + 006CV3	6.06/5.78/5.14/4.60	-	125	-	A++
			08P30A/P50A + 008CV3	7.78/7.27/5.53/5.51	-	127	-	A++
			16P50A + 011CV3/W1	11.80/10.40	-	125	-	A++
		EHSB-A + ERLQ-CV3/W1	16P50A + 014CV3/W1	14.81/13.73	-	126	-	A++
			16P50A + 016CV3/W1	15.34/14.86	-	125	-	A++
			04P30A + 004CV3	4.53/3.98/4.26	-	130	-	A++
			08P30A/P50A + 006CV3	6.06/5.78/5.14/4.60	-	125	-	A++
			08P30A/P50A + 008CV3	7.78/7.27/5.53/5.51	-	127	-	A++
			16P50A + 011CV3/W1	11.80/10.40	-	126	-	A++
			16P50A + 014CV3/W1	14.81/13.73	-	125	-	A++
			16P50A + 016CV3/W1	15.34/14.86	-	125	-	A++
EHSX-A + ERLQ-CV3/W1		04P30A + 004CV3	4.53/3.98/4.26	4.4/4.0	132	-	A++	
		08P30A/P50A + 006CV3	6.06/5.78/5.14/4.60	5.2/4.6	126	-	A++	
		08P30A/P50A + 008CV3	7.78/7.27/5.53/5.51	5.2/4.6	128	-	A++	
		16P50A + 011CV3/W1	11.80/10.40	15.1/11.7	128	-	A++	
		16P50A + 014CV3/W1	14.81/13.73	16.1/12.6	130	-	A++	
		16P50A + 016CV3/W1	15.34/14.86	16.8/13.1	127	-	A++	
		04P30A + 004CV3	4.53/3.98/4.26	4.4/4.0	132	-	A++	
		08P30A/P50A + 006CV3	6.06/5.78/5.14/4.60	5.2/4.6	126	-	A++	
EHSXB-A + ERLQ-CV3/W1		08P30A/P50A + 008CV3	7.78/7.27/5.53/5.51	5.2/4.6	128	-	A++	
		16P50A + 011CV3/W1	11.80/10.40	15.1/11.7	128	-	A++	
		16P50A + 014CV3/W1	14.81/13.73	16.1/12.6	130	-	A++	
		16P50A + 016CV3/W1	15.34/14.86	16.8/13.1	127	-	A++	
		04P30A + 004CV3	4.53/3.98/4.26	4.4/4.0	132	-	A++	
		08P30A/P50A + 006CV3	6.06/5.78/5.14/4.60	5.2/4.6	126	-	A++	
		08P30A/P50A + 008CV3	7.78/7.27/5.53/5.51	5.2/4.6	128	-	A++	
		16P50A + 011CV3/W1	11.80/10.40	15.1/11.7	128	-	A++	
<b>Wall mounted unit</b>  		EHBH-CB + ERLQ-CV3/W1	04CB3V + 004CV3	4.40	-	125	3.20	A++
			08CB3V/9W + 006CV3	6.00/5.67	-	124	3.17	A+
			08CB3V/9W + 008CV3	7.40/6.89	-	126	3.23	A++
			11CB3V/9W + 011CV3	11.20/11.00	-	124	3.18	A+
		EHBH-CB + ERHQ-BV3/W1	16CB3V/9W + 014CV3	14.50/13.60	-	120	3.07	A+
			16CB3V/9W + 016CV3	16.00/15.20	-	122	3.13	A+
			11CB3V/9W + 011CW1	11.20/11.00	-	124	3.18	A+
			16CB3V/9W + 014CW1	14.50/13.60	-	120	3.07	A+
			16CB3V/9W + 016CW1	16.00/15.20	-	122	3.13	A+
			11CB3V/9W + 011BV3	11.20/10.30	-	114	2.93	A+
			16CB3V/9W + 014BV3	14.00/13.10	-	113	2.91	A+
			16CB3V/9W + 016BV3	16.00/15.20	-	115	2.94	A+
	EHBX-CB + ERLQ-CV3/W1	11CB3V/9W + 011BW1	11.32/10.98	-	117	3.00	A+	
		16CB3V/9W + 014BW1	14.50/13.57	-	116	2.98	A+	
		16CB3V/9W + 016BW1	16.05/15.11	-	118	3.03	A+	
		04CB3V + 004CV3	4.40/4.03	4.1/ 4.2	125	3.20	A++	
		08CB3V/9W + 006CV3	6.00/5.67	6.76/ 4.84	124	3.17	A+	
		08CB3V/9W + 008CV3	7.40/6.89	6.86/ 5.36	126	3.23	A++	
		11CB3V/9W + 011CV3	11.20/11.00	12.1/11.7	124	3.18	A+	
		16CB3V/9W + 014CV3	14.50/13.60	12.7/12.6	120	3.07	A+	
	EHBX-CB + ERHQ-BV3/W1	16CB3V/9W + 016CV3	16.00/15.20	13.8/ 13.1	122	3.13	A+	
		11CB3V/9W + 011CW1	11.20/11.00	12.1/11.7	124	3.18	A+	
		16CB3V/9W + 014CW1	14.50/13.60	12.7/12.6	120	3.07	A+	
		16CB3V/9W + 016CW1	16.00/15.20	13.8/13.1	122	3.13	A+	
		11CB3V/9W + 011BV3	11.20/10.30	13.9/10.0	114	2.93	A+	
		16CB3V/9W + 014BV3	14.00/13.10	17.3/12.5	113	2.91	A+	
		16CB3V/9W + 016BV3	16.00/15.20	17.8/13.1	115	2.94	A+	
		11CB3V/9W + 011BW1	11.32/10.98	15.1/11.7	117	3.00	A+	

Average climate water outlet 35°C			Domestic hot water heating			Indoor unit dimensions	Sound power level indoor		Sound power level outdoor		Refrigerant (R-410A)	
ηs (Seasonal space heating efficiency)	SCOP	Seasonal space heating eff. class	General	Average climate			HxWxD (mm)	Heating	Cooling	Heating	Cooling	GWP
			Declared load profile	ηwh (water heating efficiency)	Water heating efficiency class							
-	4.52	-	L	95	A	1,732x600x728	42	-	61	63	2,087.5	7.1
-	4.27	-	L/XL	86/90	A	1,732x600x728	42	-	61	63	2,087.5	7.1
-	4.34	-	L/XL	86/90	A	1,732x600x728	42	-	62	63	2,087.5	7.1
-	3.95	-	L/XL	87/98	A	1,732x600x728	42	-	64	64	2,087.5	7.1
-	3.83	-	L/XL	87/98	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.84	-	L/XL	87/98	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	3.95	-	L/XL	87/98	A	1,732x600x728	42	-	64	64	2,087.5	7.1
-	3.83	-	L/XL	87/98	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.84	-	L/XL	87/98	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	3.02	-	L/XL	91/95	A	1,732x600x728	42	-	64	-	2,087.5	7.1
-	3.32	-	L/XL	91/95	A	1,732x600x728	44	-	64	-	2,087.5	7.1
-	3.25	-	L/XL	91/95	A	1,732x600x728	44	-	66	-	2,087.5	7.1
-	3.24	-	L/XL	84/87	A	1,732x600x728	42	-	64	-	2,087.5	7.1
-	3.14	-	L/XL	84/87	A	1,732x600x728	44	-	64	-	2,087.5	7.1
-	3.10	-	L/XL	84/87	A	1,732x600x728	44	-	66	-	2,087.5	7.1
-	4.52	-	L	95	A	1,732x600x728	42	-	61	63	2,087.5	7.1
-	4.27	-	L/XL	86/90	A	1,732x600x728	42	-	61	63	2,087.5	7.1
-	4.34	-	L/XL	86/90	A	1,732x600x728	42	-	62	63	2,087.5	7.1
-	3.95	-	L/XL	87/98	A	1,732x600x728	42	-	64	64	2,087.5	7.1
-	3.83	-	L/XL	87/98	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.84	-	L/XL	87/98	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	3.95	-	L/XL	87/98	A	1,732x600x728	44	-	64	64	2,087.5	7.1
-	3.83	-	L/XL	87/98	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.84	-	L/XL	87/98	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	3.02	-	L/XL	91/95	A	1,732x600x728	42	-	64	64	2,087.5	7.1
-	3.32	-	L/XL	91/95	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.25	-	L/XL	91/95	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	3.24	-	L/XL	84/87	A	1,732x600x728	42	-	64	64	2,087.5	7.1
-	3.14	-	L/XL	84/87	A	1,732x600x728	44	-	64	66	2,087.5	7.1
-	3.10	-	L/XL	84/87	A	1,732x600x728	44	-	66	69	2,087.5	7.1
-	-	-	L	103	A	1,945x615x595	40	-	61	-	2,087.5	7.1
-	-	-	L/XL	98/102	A	1,945x615x595/1,945x790x790	40	-	61	-	2,087.5	7.1
-	-	-	L/XL	90/96	A	1,945x615x595/1,945x790x790	40	-	62	-	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	64	-	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	64	-	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	66	-	2,087.5	7.1
-	-	-	L	103	A	1,945x615x595	40	-	61	-	2,087.5	7.1
-	-	-	L/XL	98/108	A	1,945x615x595/1,945x790x790	40	-	61	-	2,087.5	7.1
-	-	-	L/XL	90/99	A	1,945x615x595/1,945x790x790	40	-	62	-	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	64	-	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	64	-	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	66	-	2,087.5	7.1
-	-	-	L	103	A	1,945x615x595	40	-	61	63	2,087.5	7.1
-	-	-	L/XL	98/102	A	1,945x615x595/1,945x790x790	40	-	61	63	2,087.5	7.1
-	-	-	L/XL	90/96	A	1,945x615x595/1,945x790x790	40	-	62	63	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	64	64	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	64	66	2,087.5	7.1
-	-	-	XL	83	A	1,945x790x790	40	-	66	69	2,087.5	7.1
-	-	-	L	103	A	1,945x615x595	40	-	61	63	2,087.5	7.1
-	-	-	L/XL	98/108	A	1,945x615x595/1,945x790x790	40	-	61	63	2,087.5	7.1
-	-	-	L/XL	90/99	A	1,945x615x595/1,945x790x790	40	-	62	63	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	64	64	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	64	66	2,087.5	7.1
-	-	-	XL	84	A	1,945x790x790	40	-	66	69	2,087.5	7.1
178	4.52	A+++	-	-	-	735x832x307	40	-	61	-	2,087.5	7.1
168	4.27	A++	-	-	-	735x832x307	40	-	61	-	2,087.5	7.1
171	4.34	A++	-	-	-	735x832x307	40	-	62	-	2,087.5	7.1
155	3.95	A++	-	-	-	735x832x307	41	-	64	-	2,087.5	7.1
150	3.83	A++	-	-	-	735x832x307	44	-	64	-	2,087.5	7.1
150	3.84	A++	-	-	-	735x832x307	44	-	66	-	2,087.5	7.1
155	3.94	A++	-	-	-	735x832x307	41	-	64	-	2,087.5	7.1
150	3.83	A++	-	-	-	735x832x307	44	-	64	-	2,087.5	7.1
150	3.84	A++	-	-	-	735x832x307	44	-	66	-	2,087.5	7.1
118	3.02	A+	-	-	-	735x832x307	41	-	64	-	2,087.5	7.1
130	3.32	A+	-	-	-	735x832x307	44	-	64	-	2,087.5	7.1
127	3.25	A+	-	-	-	735x832x307	44	-	66	-	2,087.5	7.1
127	3.24	A+	-	-	-	735x832x307	41	-	64	-	2,087.5	7.1
123	3.14	A+	-	-	-	735x832x307	44	-	64	-	2,087.5	7.1
118	3.10	A+	-	-	-	735x832x307	44	-	66	-	2,087.5	7.1
178	4.52	A+++	-	-	-	735x832x307	40	-	61	63	2,087.5	7.1
168	4.27	A+++	-	-	-	735x832x307	40	-	61	63	2,087.5	7.1
171	4.34	A++	-	-	-	735x832x307	40	-	62	63	2,087.5	7.1
155	3.95	A++	-	-	-	735x832x307	41	-	64	64	2,087.5	7.1
150	3.83	A++	-	-	-	735x832x307	44	-	64	66	2,087.5	7.1
150	3.84	A++	-	-	-	735x832x307	44	-	66	69	2,087.5	7.1
155	3.94	A++	-	-	-	735x832x307	41	-	64	64	2,087.5	7.1
150	3.83	A++	-	-	-	735x832x307	44	-	64	66	2,087.5	7.1
150	3.84	A++	-	-	-	735x832x307	44	-	66	69	2,087.5	7.1
118	3.02	A+	-	-	-	735x832x307	41	-	64	64	2,087.5	7.1
130	3.32	A+	-	-	-	735x832x307	44	-	64	66	2,087.5	7.1
127	3.25	A+	-	-	-	735x832x307	44	-	66	69	2,087.5	7.1
127	3.24	A+	-	-	-	735x832x307	41	-	64	64	2,087.5	7.1
123	3.14	A+	-	-	-	735x832x307	44	-	64	66	2,087.5	7.1
118	3.10	A+	-	-	-	735x832x307	44	-	66	69	2,087.5	7.1

Daikin Altherma low temperature monobloc		Nominal capacity (kW)		Space heating						Outdoor unit dimensions	Sound power level outdoor		Refrigerant (R-410A)		
				Average climate water outlet 55°C			Average climate water outlet 35°C								
model	Capacity	Heating	Cooling	$\eta_s$ (Seasonal space heating efficiency)	SCOP	Seasonal space heating eff. class	$\eta_s$ (Seasonal space heating efficiency)	SCOP	Seasonal space heating eff. class	HxWxD (mm)	Heating	Cooling	GWP	"Charge (kg/TCO <sub>2</sub> Eq)"	
	EBLQ-CV3	05	4.40/4.03	3.9/4.2	125	3.20	A++	172	4.39	A++	735x1,085x350	61	63	2,087.5	2.7
		07	7/00/6.90	5.2/5.4	126	3.22	A++	163	4.14	A++	735x1,085x350	62	63	2,087.5	3.0
	EDLQ-CV3	05	4.40/4.03	-	125	3.20	A++	172	4.39	A++	735x1,085x350	61	-	2,087.5	2.7
		07	7/00/6.90	-	126	3.22	A++	163	4.14	A++	735x1,085x350	62	-	2,087.5	3.0

Domestic hot water tanks		Capacity (l)	Energy efficiency class	Standing heat loss (W)	Storage volume (l)	Dimensions	Water volume (l)	Maximum water temperature (°C)
	EKHWP-B	300	B	64	294	595x615	300	85
		500	B	72	477	790x790	500	85
	EKHWS-B3V3	150	C	65	150	900x580x580	150	85
	EKHWS-B3V3/B3Z2	200	C	74	200	1150x580x580	200	85
		300	C	91	285	1600x580x580	285	85
	EKHWE-A3V3	150	C	71	150	1205x545x545	150	75
	EKHWE-A3V3/A3Z2	200	C	79	200	1580x545x545	200	75
		300	C	104	300	1572x660x660	300	75

Solar collectors		Capacity (l)	Thermal performance   collector efficiency $\eta_{col}$ ! %	Thermal performance   Zero loss collector efficiency $\eta_0$ ! %	Dimensions
	EKSV-P	21	-	0.781	1300x2000
		26	-	0.784	2000x1006
	EKSH-P	26	-	0.784	2000x1300

## Solar Keymark certification



Daikin's solar collectors have been awarded the Solar Keymark certification. Recognised across Europe, the Keymark for solar thermal products helps users select quality solar collectors. In most European countries this certification is mandatory for the products to be eligible for subsidies.

## Trust Daikin

Daikin may not be a household name. After all, we don't make cars, TVs, fridges or washing machines. But we do make world-class heat pumps. In fact, more than 275,000 Daikin Altherma heat pumps have been fitted across Europe since we launched them in 2006. Why? Because we focus on doing only what we're best at: creating the most efficient heating, ventilation and air conditioning solutions, renowned for design excellence, quality and reliability. So you can depend on Daikin for the ultimate in comfort, leaving you free to focus on other essentials.

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