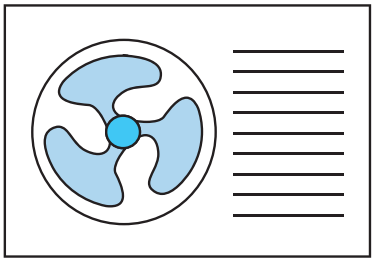
Multi+

Only one system for cooling, heating and hot water

Up to 4 indoor units + 1 hot water tank







Multi+

Our all-in-one solution









One reliable partner for heating, cooling and water heating

Daikin is the worldwide market leader for air-to-air heat pumps. The reasons for that are easy to understand:

- More than 100 years of experience
- A strong ambition to offer best quality and comfort
- An unrivalled variety of models
- A leading role in developing state-of-the-art technologies
- A constant flow of award-winning new designs
- A decarbonisation strategy with super-efficient systems using low-impact refrigerants



Heating ideas for the future

Why use an advanced, **energy-efficient system** for cooling only? Using a heat pump not only saves energy and money – it also **shows the way out of the global CO_2 dilemma**. An ingenious idea: Simply shift the needed energy from the ambient air into your home.

Daikin offers a variety of heating systems based on different heat pump concepts – each is adapted to specific needs and conditions. For practically every situation, Daikin gives you a perfect heating or cooling solution.

Multi+

cooling + heating + hot water supplied with one single system

Made for whom?

Your current situation

- You are using an electric heater for hot water
- Your heating system causes high operating costs
- You want air conditioning for up to four rooms
- Your household comprises up to five people
- You want to optimise the use of your photovoltaïc solar panels

If this applies to you, then the Multi+ system is the perfect solution. **Replacing ineffective or outdated heating systems** in small or mid-size households with a modern heat pump solution saves energy and offers a high level of comfort. Domestic hot water, cooling and heating is the key strength of this affordable all-in-one system.

What are my benefits?

The main goal

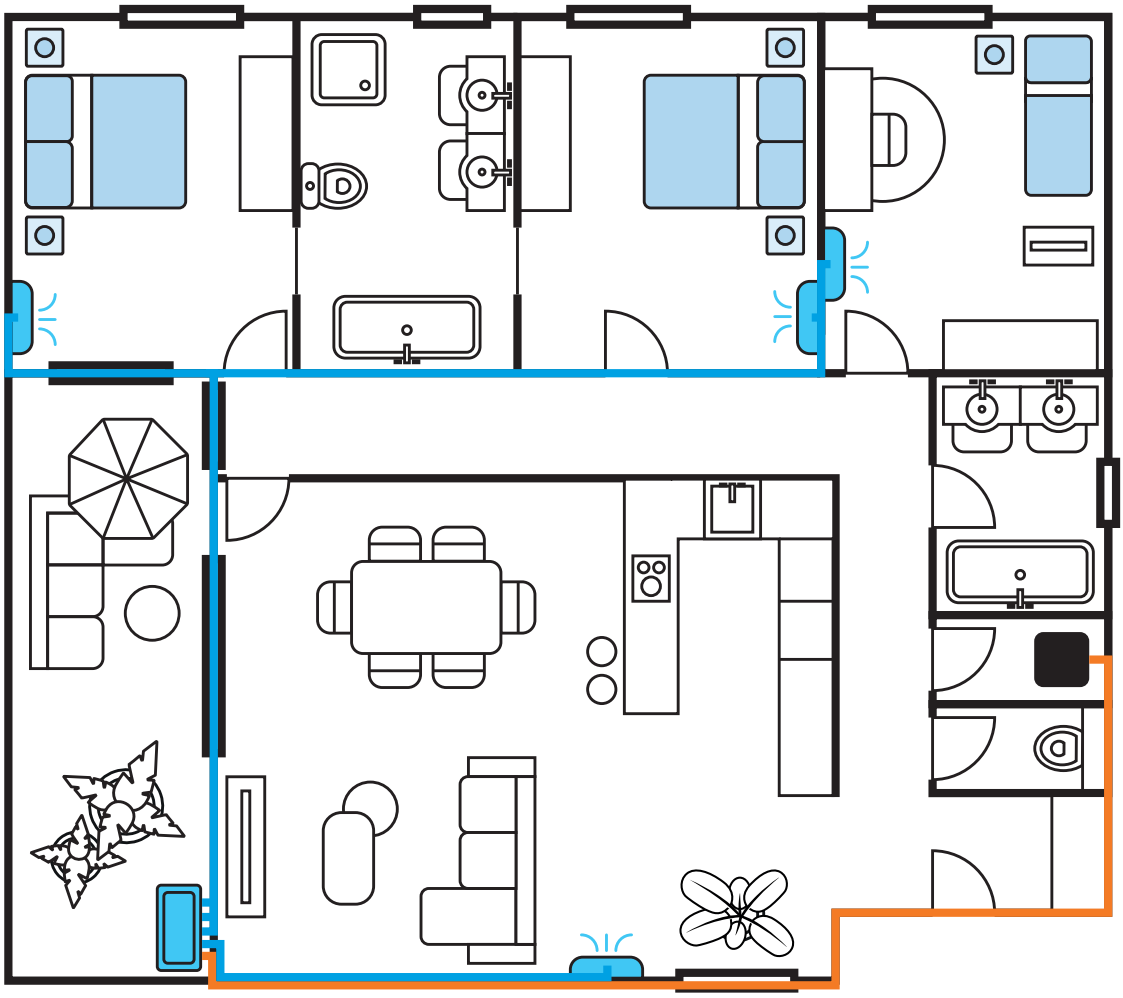
- Save energy starting from the first day of use
- Future-proof and eco-friendly technology

A three-in-one system

- Affordable investment
- Space-saving solution
- Fast installation

The Daikin bonus

- No limitations is comfort
- Reliable Daikin quality
- Wide range of indoor units to choose from
- App control from anywhere
- Remote monitoring available for peace of mind at all times



More comfort with less energy consumption



The reliable system with a future

A modern heat pump is a clever idea for temperature regulation if you want to conserve resources and save energy costs. It is good for your home and good for the environment.

A smarter idea is to combine all tasks in one system: domestic hot water + cooling + room heating. This gives you all the advantages of a single energy-saving system with minimal space requirements.

Benefit from high comfort and low expenses

Enjoy your preferred room temperature in up to four rooms at any time all year round. Daikin offers a variety of indoor units with industry-leading comfort and air quality features.

The domestic hot water tank is available in four sizes and perfectly matches the Multi+ outdoor unit. Two different operating modes adapt precisely to your comfort needs.

A user-friendly control lets you configure the entire system exactly the way you want it.



Daily water heating

The domestic hot water tank heats up automatically – at a time of day when you are not using hot water or air conditioning.

The scheduling function is worry-free. It can be programmed, for instance, to start in the early morning or when you are normally at work.

Did you know that you can connect your domestic hot water tank directly with photo-voltaïc solar panels thanks to the HomeHub?



The cooling plus for air conditioning

As domestic hot water is prepared according to the schedule, for example during nighttime, the outdoor unit can switch to cooling mode as soon as you activate an air conditioner.



Full control made easy

Use the intuitive full-text display on the domestic hot water tank for monitoring and simple adjustment of all settings, like scheduling or water temperature, if necessary.



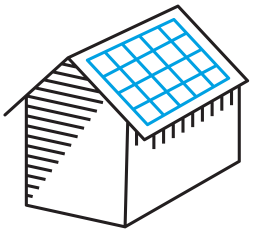
App control wherever you are

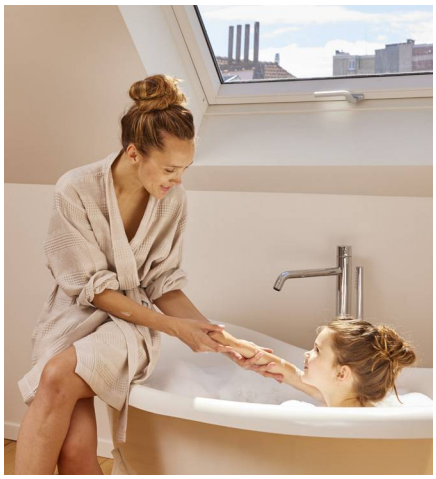
The Daikin Onecta app enables scheduling, controlling and monitoring of each air conditioning unit along with controlling and monitoring of the domestic hot water tank – also via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



Tank optimisation for PV

Tank optimisation is possible between the tank and photovoltaic solar panels. For example, thanks to the HomeHub accessory EKRHH, the electric heater of the tank will be switched on if injection is higher than 1,2 kW. Therefore, during sunny days, hot water will always be available, while the house is cooled.





The comfort plus for more hot water

Perhaps there will be a day when you need more hot water than usual. Simply activate the POWERFUL button on the domestic hot water tank. The water will be heated electrically and you can fully enjoy your air conditioning at the same time.



The heating plus for colder days

This is another win-win situation for you. Both your water and your rooms are heated in a cost-effective way – with an advanced, highly-efficient heat pump system from Daikin.

Two hearts
beating in one system – the details:



Innovative fan design

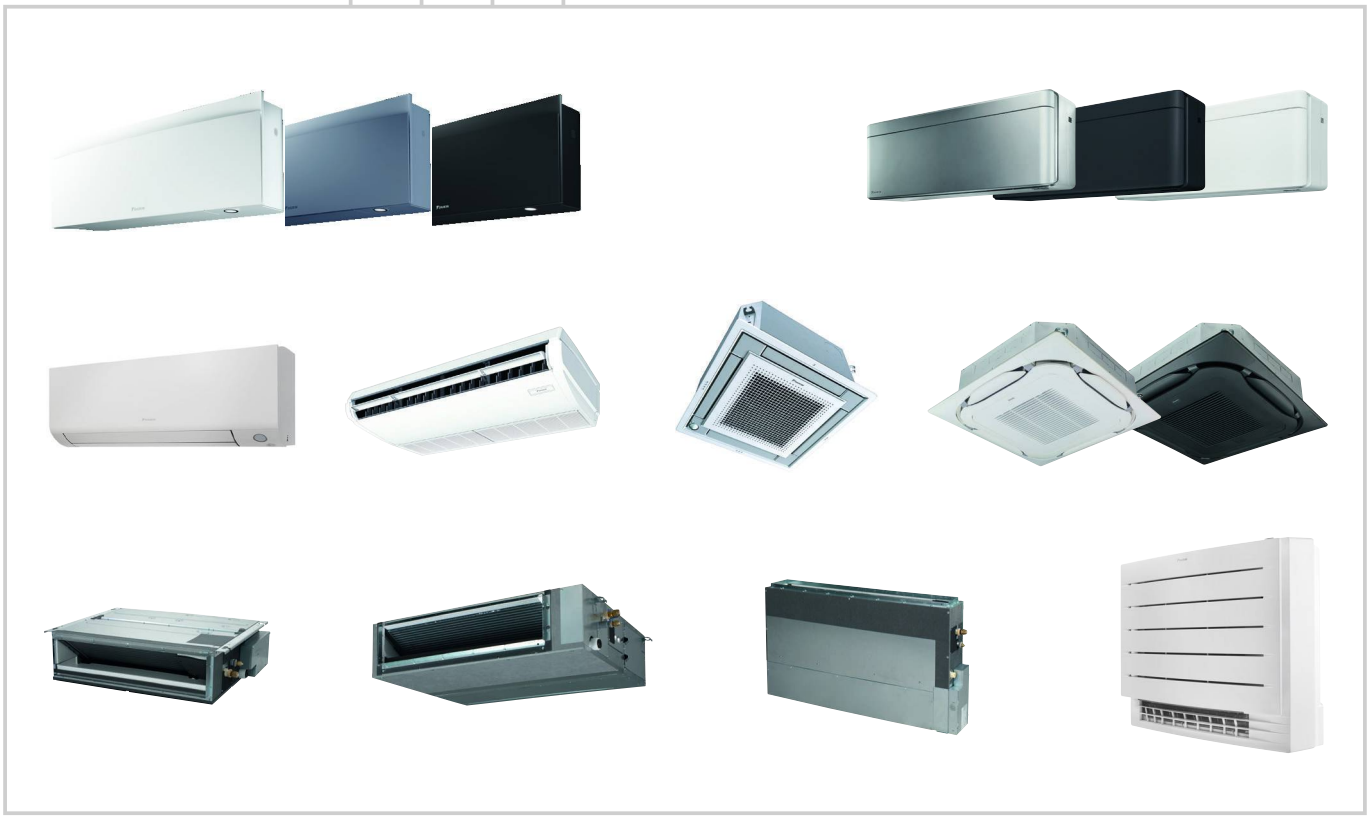
Specially shaped fan blades significantly reduce sound emissions and lower the power consumption. The fan is concealed behind an unobstrusive and elegant front grille.

Superior engineering

Benefit from reliable in-house engineering by Daikin. The powerful, high-efficiency swing compressor continuously adjusts its cooling and heating output to suit the room's temperature.

Extend the system according to your needs

Choose from a market-leading variety of indoor units. You can connect up to four different air conditioning units to cool or heat your rooms.





A matching pair

The two main components, domestic hot water tank and outdoor unit, are perfectly matched. The outdoor unit provides most of the energy used to heat up the water inside the tank.

Connections for installation

Safe and inconspicuous: Power and refrigerant connections are located on the top of the domestic hot water tank.

Domestic hot water tank

You can choose from 90 up to 230 litres water volume. The larger capacity is recommended for maximum convenience or when several people are using hot water. An anti-corrosion treatment guarantees maximum durability of this main component.

Control interface

All settings for configuration and daily use can be made with the user-friendly interface. A full text display and simplified pre-set modes make adjustments easy.

Water inlet and hot water outlet

For the wall-mounted 90 and 120 l tanks, the water connections are easily accessible from the tank bottom. For the 180 and 230l tanks, all connections are accessible from the top of the unit. Perfect for a simple and fast installation or maintenance.

Technical specifications

Efficiency data					EKHWET90BV3 + 4MWXM52A9	EKHWET120BV3 + 4MWXM52A9	CKHWS180BV3 + 5MWXM68A9	CKHWS230BV3 + 5MWXM68A9	CKHWS180BV3 + 5MWXM90A9	CKHWS230BV3 + 5MWXM90A9
COP	Average climate				2.19	2.30	3.12	3.20	3.10	3.10
	Warm climate				2.68	2.70	3.45	3.53	3.40	3.40
Heat-up time	Average climate			h:mm	1:18	2:15	1:29	1:50	1:30	1:41
	Warm climate			h:mm	1:53	3:35	1:39	1:56	1:43	1:57
Seasonal efficiency	Domestic hot water heating	General	Declared load profile		M	L	L	L	L	L
		Average climate	ηwh (water heating efficiency)	%	90	94	128	132	127	128
Water heating energy efficiency class*					A		A			
Set point				°C	44	47	44	44	45	44

*EN16147(2017)

Outdoor Unit			4MWXM		4MWXM52A9	5MWXM68A9	5MWXM90A9
Dimensions	Unit	Height x Width x Depth		mm	734 x 974 x 401	734 x 1,044 x 408	734 x 1,044 x 408
Weight	Unit			kg	60	69	73
Sound power level	Cooling	Nom.		dBA	59	61	64
	Heating	Nom.		dBA	60	62	65
Sound pressure level	Cooling	Nom.		dBA	46	48	52
	Heating	Nom.		dBA	47	49	53
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	-10~46	-10~46
	Heating	Ambient	Min.~Max.	°CDB	-15~24	-15~24	-15~24
Refrigerant	Type				R-32	R-32	R-32
	GWP				675	675	675
	Charge			kg / tCO_2Eq	2.20 / 1.49	2.00 / 1.35	2.40 / 1.62
Piping connections	Liquid	OD		mm	6.35	6.35	6.35
	Gas	OD		mm	9.50	9.50	9.50
	Piping length	OU - IU	Max.	m	25 (1)	25 (1)	25 (1)
		System Chargeless		m	30	30	30
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)	0.02 (for piping length exceeding 30m)	0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15	15	15
Power supply	Phase/Hz/V				1~/50/220-240	1~/50/220-240	1~/50/220-240
Current - 50Hz	A				20	32	32

Domestic hot water tank					EKHWET90BV3	EKHWET120BV3	CKHWS180BV3	CKHWS230BV3
Casing	Colour				White + Black		White + Black	
	Material				Sheet metal / Acrylonitrile Butadiene Styrene		-	-
Dimensions	Unit	Height	Tank	mm	1,032	1,283	1,655	1,855
		Width		mm	510		595	
		Depth		mm	570		634	
Weight	Unit	Empty		kg	43	47	106	115
Tank	Water volume			l	89	118	180	230
	Material				Enamel coated steel acc. DIN4753TL2		Stainless steel (EN 1.4521)	
	Maximum water temperature			°C	75		65	
	Insulation	Heat loss		kWh/24h	1.10	1.30	1.2	1.4
	Energy efficiency class				B	C	B	B
	Standing S heat loss			W	46	54	50	58
	Storage volume	V		l	89	118	180	220
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		1~/50/230	

(1) for one room

| | Wall mounted units | | | | |