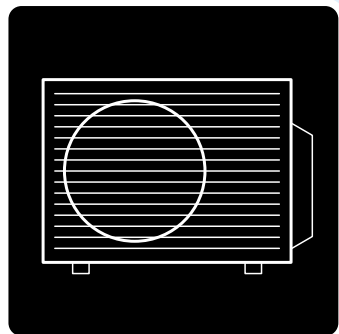




Multi+

A single system for hot water, heating and cooling

Available
late summer
2024



A big plus: the all-in-one solution with high efficiency



One reliable partner

for hot water, heating and cooling

Daikin is the worldwide market leader for air-to-air and air-to-water heat pumps.

- › 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 CO₂ dilemma**. It's an ingenious idea: simply shift the energy from the ambient air into your home.

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





Multi+

Hot water + heating + cooling
supplied with one single system

Is it the right solution
for you?

Your current situation

- › You are using an electric heater for hot water
- › Your heating system causes high operating costs
- › You want cooling for up to three rooms
- › Your household comprises up to two or three people

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 **Replacing ineffective or outdated water heating systems** in small or mid-size households with a modern heat pump solution saves energy and offers a high level of comfort.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

What are the key benefits?

The main goal

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

All-in-one system

- › Affordable investment
- › Space-saving solution
- › Fast installation

The Daikin bonus

- › No limitations in comfort
- › Reliable Daikin quality
- › Wide range of air conditioners
- › App control from anywhere

More comfort with less energy consumption

The reliable system with a future

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

An even smarter idea is to combine all tasks in one system: domestic hot water + room heating + cooling. 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 three rooms at any time all year round. Daikin offers a variety of indoor units for heating and cooling with industry-leading comfort and air quality features.

The domestic hot water tank is available in 120 ltr 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.

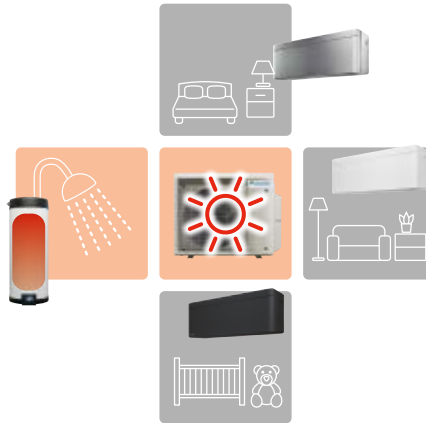


Daily water heating

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

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.

NEW: Tank optimisation for PV thanks to HomeHub accessory. **COMING SOON**



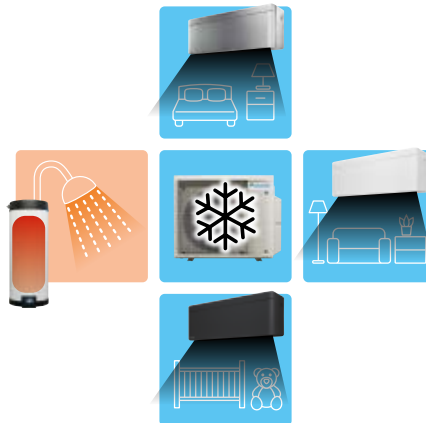
Cooling plus for air conditioning

As domestic hot water is prepared according to the schedule, (e.g. overnight), the outdoor unit can switch to cooling mode as soon as you activate an indoor unit.



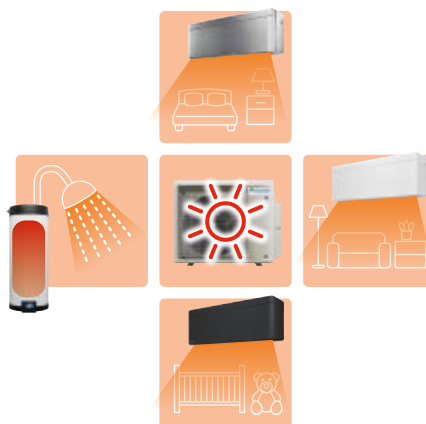
Comfort plus for more hot water

On days when you require more hot water than usual, the system can easily accommodate your needs. Simply activate the POWERFUL button on the domestic hot water tank. The water will be heated electrically and you can enjoy your cooling at the same time.



Heating plus for colder days

Reliable heating and hot water on the colder days when you need it most. Both your water and your rooms are heated in a cost-effective way with this advanced, highly-efficient heat pump system.



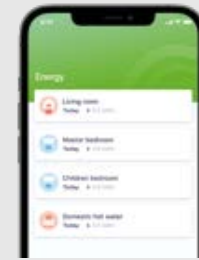
Total control made easy

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.



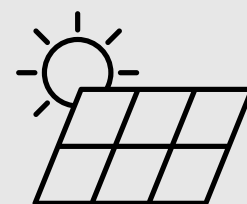
App control wherever you are

The Daikin Onecta app enables scheduling, controlling and monitoring of each indoor 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.



NEW: Tank optimisation for PV **COMING SOON**

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



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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 EKHWETU120BV3

The 120 ltr tank offers maximum convenience allowing several people to use hot water at the same time. An anti-corrosion treatment guarantees maximum durability.

› Requires separate G3 Kit

An enclosure made for longevity

The hot-dip galvanised sheet metal enclosure is a long-lasting solution – robust and absolutely corrosion-free.

Control interface MMI2

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

The water connections are easily accessible from the tank bottom. Perfect for a simple and fast installation and carrying out maintenance.



Extend the system according to your needs

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



Multi + Outdoor unit 4MXXM52A9

- › Up to three indoor units and one domestic hot water tank can be connected to one multi outdoor unit
- › New outdoor grille design to hide the fan
- › Maximum pipe run 50m fitted with a swing compressor renowned for low noise and high efficiency
- › 5.2kW in cooling and 6.8kW in heating

Technical specifications

Domestic Hot Water Tank			EKHWETU120BV3
Mounting			Wall
Casing	Colour		White / Black
	Material		Sheet metal / Acrylonitrile Butadiene Styrene
Dimensions	Height x Width x Depth	mm	1283 x 510 x 570
Weight	Empty	kg	47
	Full Weight	kg	165
Tank	Water Volume	l	118
	Material		Enamel coated steel acc. DIN4753TL2
	Maximum Water Temperature	°C	75
	Maximum water pressure	bar	8
	Heat Loss	kWh/24h	1.3
Heat Exchanger	Energy efficiency class		C
	Material		Aluminium
Booster Heater	Operating Pressure	bar	42
	Capacity	kW	1.2
Piping Connections	Cold Water in	inches (mm)	1/2 (12.7)
	Hot Water out	inches (mm)	1/2 (12.7)



Outdoor Units			4MWXM52A9
Capacity	Nominal Cooling	kW	5.2
	Nominal Heating	kW	6.8
Dimensions	Height x Width x Depth	mm	734 x 974 x 401
Weight		kg	60
Electrical Details	Power Supply	Phase	1ph
		Hz	50
	V	220-240	
	Maximum Input Current (MCA)	A	14.59*
Refrigerant Circuit	Max Fuse Size	A	20*
	Refrigerant Type		R32
	Refrigerant Charge	kg	2.20
Sound Pressure (Cooling)	Nominal	dBA	46
Sound Power (Cooling)		dBA	63
Piping Limits	Max. Length (OU- IU)	m	25
	Max. Level Difference (IU- IU)	m	7.5
	Max. Level Difference (IU- OU)	m	15
	Total piping length (Actual)	m	50
Piping Connections	Liquid	inches (mm)	4x 1/4 (6.4)
	Gas	inches (mm)	2x 3/8 (9.5) 2x 1/2 (12.7)
Operating range (Cooling)	Min / Max	°CDB	-10 / 46
Operating range (Heating)	Min / Max	°CWB	-15 / 18
Number of Connected Indoor Units			3
Air Flow Rate (Cooling)	Nom	m3/sec	0.700



*Only for wall mounted indoor units and floor units (FVXM-A9), otherwise MCA is 16.27A with MFA 20A

Accessories:

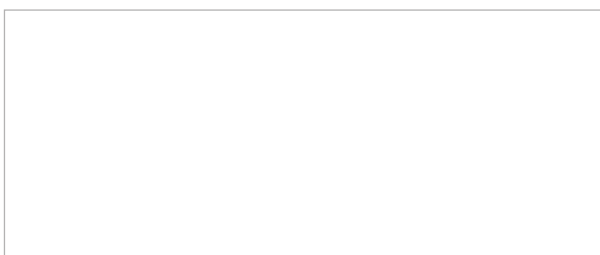
Accessory Ref	Description
CKUHW18G3	G3 Kit for use with Multi+ DHW Tank
EKPCCAB4	PC cable – to upload field settings from PC to unit
K.CWB140-2	Wall bracket (140kg, 540mm support arm)
K.DT2	Condensate drip tray for use with K.CWB140-2
K.FF600S	Two flexi-feet (Standard) to mount the outdoor unit
K.CGM	Condensing unit guard size (1150 x 1150 x 650)

Connectable	Wall mounted															Floor Standing					Round-flow cassette			Fully flat cassette			Concealed ceiling						Ceiling suspended			Concealed floor standing						
	Indoor Units					FTXJ-AW/S/B					C/FTXA-CW/S/B					C/FTXM-A					C/FVXM-A9					FCAG-B			FFA-A9			FDXM-F9			FBA-A9			FHA-A9			FNA-A9	
4MWXM52A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

You have to connect more than one indoor unit with an outdoor unit except for the FBA60A9 and FBA71A9

*Only one indoor unit connection allowed.

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