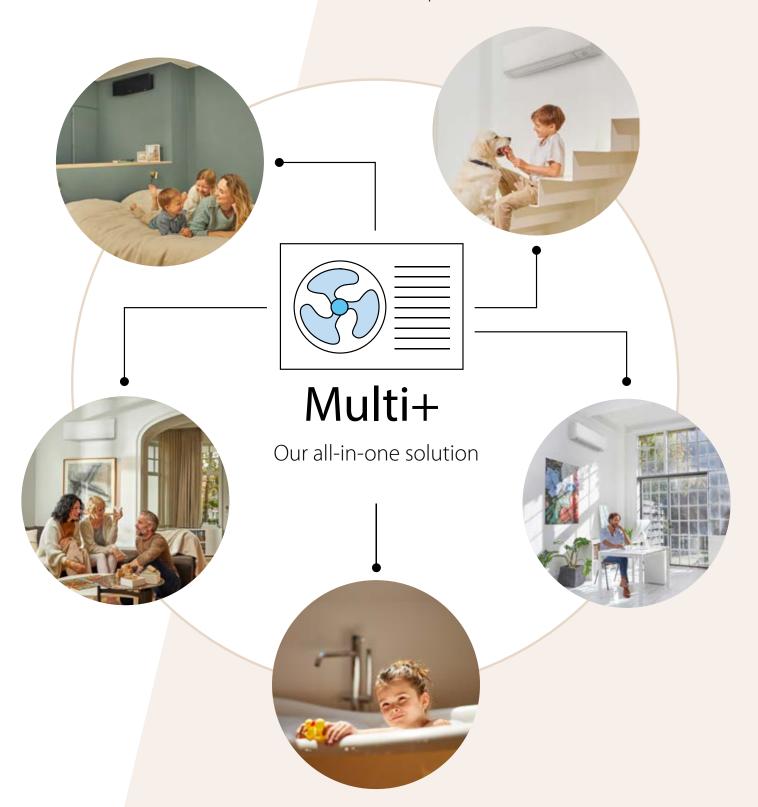


# Multi+

A single system for hot water, heating and cooling

Up to 4 indoor units + 1 hot water tank





One reliable partner for hot water, heating and cooling

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<sub>2</sub> 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 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 four rooms
- Your household comprises up to five people
- You want to optimise the use of your photovoltaic solar panels \*COMING SOON\*

If this applies to you, then the Multi+ system is the perfect solution. **Replacing ineffective or outdated heating systems** in small or midsize households with a modern heat pump solution saves energy and offers a high level of comfort. Domestic hot water, cooling and heating is 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 indoor units to choose from
- App control from anywhere
- Remote monitoring available for peace of mind at all times \*COMING SOON\*



# More comfort with less energy consumption

### The reliable system with a future

the environment.

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

A smarter idea is to combine all tasks in one system: domestic hot water + cooling + 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 two 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 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.

Did you know that you can connect your domestic hot water tank directly with photovoltaic solar panels thanks to the HomeHub? \*COMING SOON\*



# 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 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 fully enjoy your space heating and 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.

### 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.



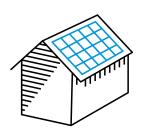
# App control wherever you are

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.



# Tank optimisation for PV COMING SOON

Tank optimisation is 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. Therefore, during sunny days, hot water will always be available, while the house will be cooled.



### Two hearts

### beating in one system – the details:



#### Innovative fan design

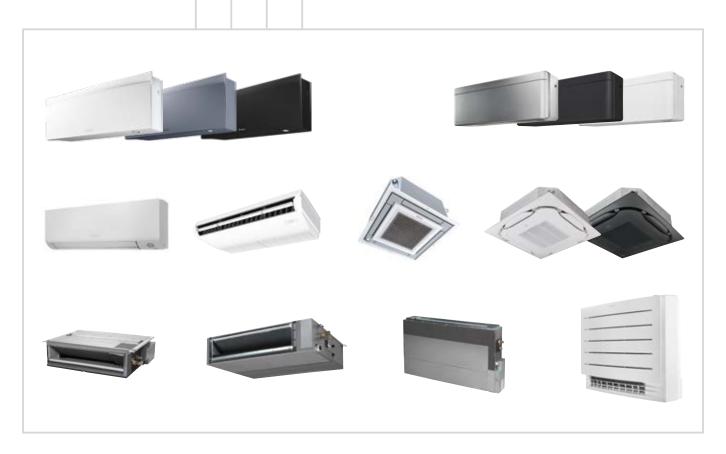
Specially shaped fan blades significantly reduce sound emissions and lower the power consumption. The fan is concealed behind an unobtrusive and elegant front grille.

### 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 indoor 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.

**FDAIKIN** 

### 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 between 120 litre (wall-hung) and 230 litre (floor-standing) 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 120 litre tank, the water connections are easily accessible from the tank bottom. For the 230 litre tank, all connections are accessible from the top of the unit. Perfect for a simple and fast installation or maintenance.

### EKHWETU120BV3 / 4MWXM52A9 CKHWSU230BV3/5MWXM68A9

<b>Domestic Hot Water Tank</b>			EKHWETU120BV3	CKHWSU230BV3
Mounting			Wall	Floor
Casing	Colour		White / Black	White / Black
	Material		Sheet metal / Acrylonitrile	Resin + Sheet Metal
			Butadiene Styrene	
Dimensions	Height x Width x Depth	mm	1283 x 510 x 570	1855 x 595 x 634
Weight	Empty	kg	47	115
	Full Weight	kg	165	345
Tank	Water Volume	1	118	230
	Material		Enamel coated steel acc. DIN4753TL2	Stainless Steel
	Maximum Water Temperature	°C	75	65
	Maximum water pressure	bar	8	10
	Heat Loss	kWh/24h	1.3	1.8
	Energy efficiency class		A	A+
Heat Exchanger	Material		Aluminium	-
	Operating Pressure	bar	42	-
Booster / Backup Heater	Capacity	kW	1.2	1.5
	Maximum running current	A	5.2	6.5
	Recommended Fuse Size	A	10	10
Hydraulic Connection	Cold Water in	inches (mm)	1/2 (12.7)	3/4 (19.0)
	Hot Water out	inches (mm)	1/2 (12.7)	3/4 (19.0)
Refrigerant Connections	Liquid / Gas	inches (mm	3/8 (9.5) / 1/4 (6.4)	3/8 (9.5) / 1/2 (12.7)

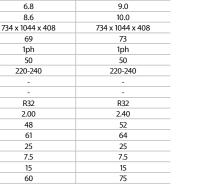
kW

kW

mm

ka





5MWXM90A9



weignt		ky	00	05	/3
Electrical Details	Power Supply	Phase	1ph	1ph	1ph
		Hz	50	50	50
		V	220-240	220-240	220-240
	Maximum Input Current (MCA)	) A	14.59*	-	-
	Max Fuse Size	A	20*	-	-
Refrigerant Circuit	Refrigerant Type		R-32	R32	R32
	Refrigerant Charge	kg	2.20	2.00	2.40
Sound Pressure (Cooling)	Nominal	dBA	46	48	52
Sound Power (Cooling)	Nominal	dBA	63	61	64
Piping Limits	Max. Length (OU- IU)	m	25	25	25
	Max. Level Difference (IU- IU)	m	7.5	7.5	7.5
	Max. Level Difference (IU- OU)	m	15	15	15
	Total piping length (Actual)	m	50	60	75
Piping Connections	Liquid	inches (mm)	4x 1/4 (6.4)	5x 1/4 (6.4)	5x 1/4 (6.4)
	Gas	inches (mm)	2x 3/8 (9.5)	2x 3/8 (9.5)	1x 3/8 (9.5)
			2x 1/2 (12.7)	2x 1/2 (12.7)	1x 1/2 (12.7)
				1x 5/8 (15.9)	3x 5/8 (15.9)
Operating range (Cooling)	Min / Max	°CDB	-10 / 46	-10 / 46	-10 / 46
Operating range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 24	-15 / 24
Number of Connected Indoor	Units		3	4	4
Air Flow Rate (Cooling)	Nominal	m³/min	0.700	0.950	0.980

4MWXM52A9

6.8

734 x 974 x 401

60

### Accessories:

**Outdoor Units** Capacity

Dimensions

Weight

Accessory Ref	Description
CKUHW18G3	G3 Kit for 120ltr DHW Tank
EKUHWG3D	G3 Kit for 230ltr DHW Tank
K.CWB140-2	Wall bracket (140kg, 540mm support arm)

Nominal Cooling

Nominal Heating

Height x Width x Depth

Accessory Ref	Description
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)

5MWXM68A9

6.8

8.6

69

G3 Kit	Applicable Tank
CKUHW18G3	EKHWETU120BV3
KEKUHWG3D	CKHWSU230BV3

G3 Kit:

Connectable	e Wall mounted													Floor Standing				1	oun flow	,		•	flat		Concealed ceiling												Ceiling suspen- ded				aled tan-											
Indoor Units	FT	FTXJ-A(W/S/B)			9	C/	FT)	XA-CW/S/B			3	C/FTXM-A					FTXP-N9			C/FVXM-B			В	FCAG-B		FFA-A9				FDXM-F9					FBA-A9					FHA-A9				FNA-A9			EKHWETU- BV3		CKHWSU- BV3			
	20	25	3.5	5 4	2 5	0	15	20	25	35 4	42	50	15 2	0 2	25 3	5 4	2 5	0 2	20	25	35	20	25	35	50	35	50	60	25	35	50 6	50	25	35	50	60	35	50	60	71	100	0 12	35	50	) 60	) 2	25	35 5	0 60	)	120	230
4MWXM52A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•		•	•	• 3	•			•	•		1	•	•			•	
5MWXM68A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•*	•*		•	•	•	1	•	•	•			•
5MWXM90A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•*	•*	• *	•	•	•	•	•	•	•			•

You have to connect more than one indoor unit with an outdoor unit except for the FBA60A9, FBA71A9, FBA100A9 and FBA125A9

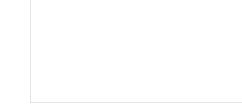






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<sup>\*</sup>Only for wall mounted indoor units and floor units (FVXM-A9), otherwise MCA is 16.27A with MFA 20A

<sup>\*</sup> Only one indoor unit connection allowed.