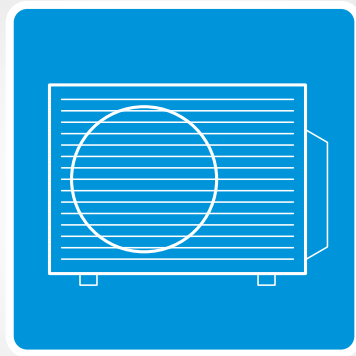


Multi+

Only one system
for hot water +
air conditioning



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

One reliable partner for air conditioning and water heating

Daikin is the worldwide market leader for air conditioning systems. The reasons for that are easy to understand:

- › More than 90 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**. 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+

Air conditioning + 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 three rooms
- › Your household comprises up to two or three persons

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 **Replacing ineffective or outdated water heating systems** in small or mid-size households with a modern heat pump solution saves energy and offers a high level of comfort.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 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 two-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 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.

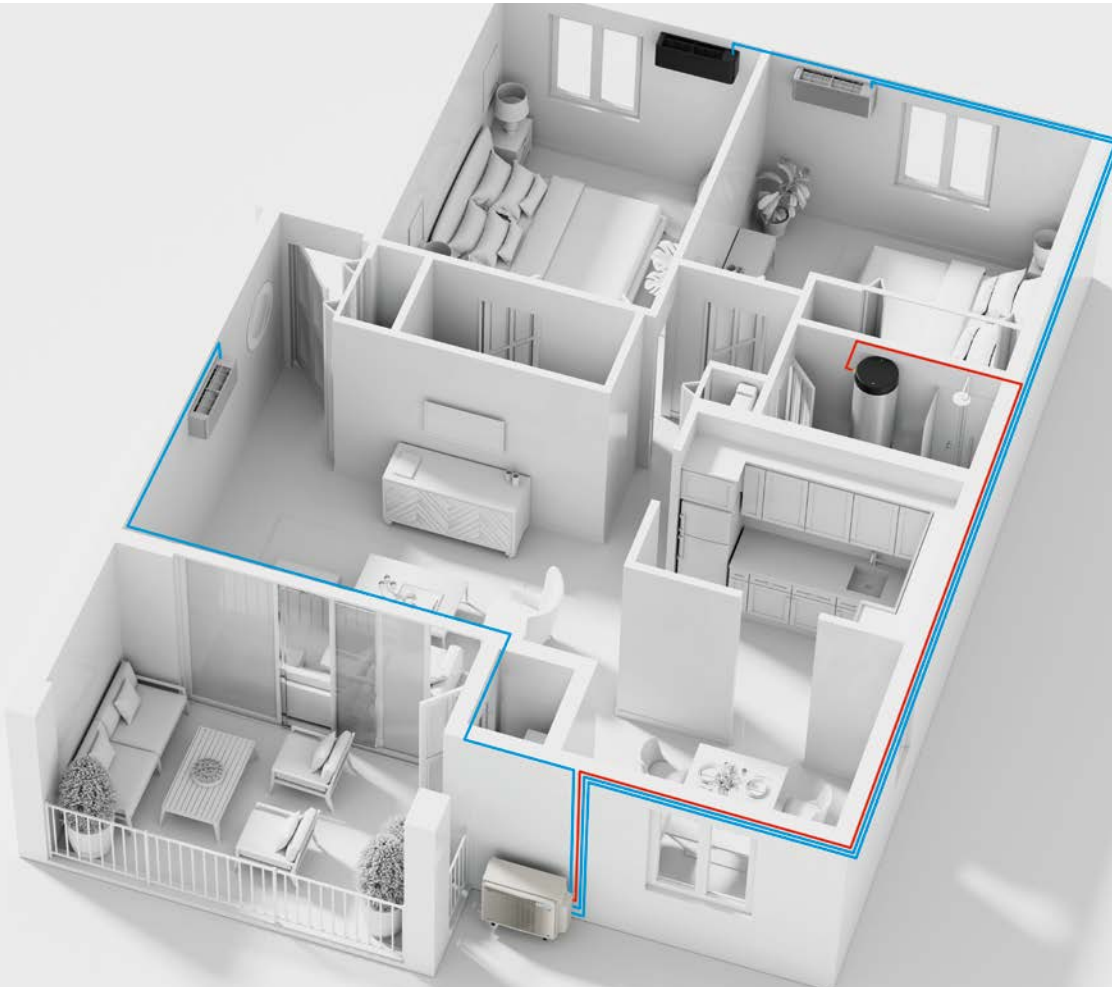
A smarter idea is to combine all tasks in one system: domestic hot water + air conditioning + room heating. This gives you all the advantages of a single energy-saving system with minimal space requirements.

Benefit from high comfort and low expenses

Enjoy your preferred room temperature in up to three rooms at any time all year round. Daikin offers a variety of air conditioners 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 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.



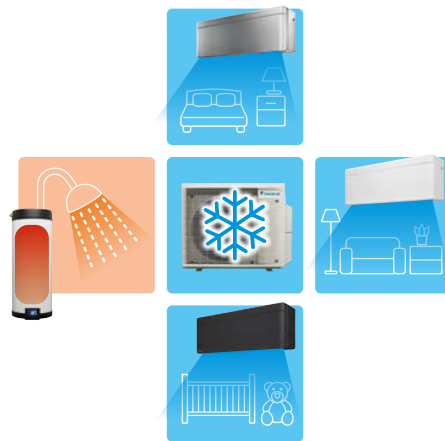
The cooling plus for air conditioning

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.



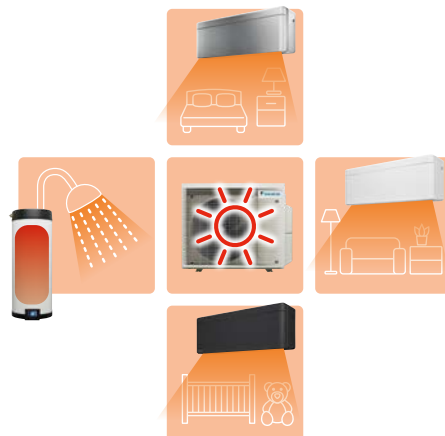
The comfort plus for more hot water

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.



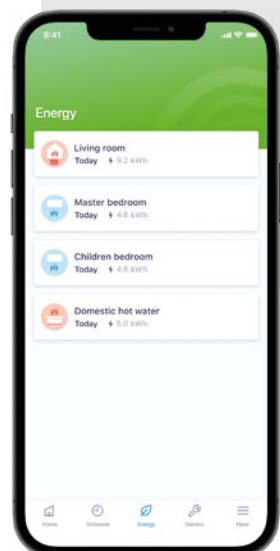
Full control made easy

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.



Two hearts

beating in one system – the details:

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 or 120 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.

An enclosure made for eternity

The hot-dip galvanised sheet metal enclosure is a worry-free and 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.

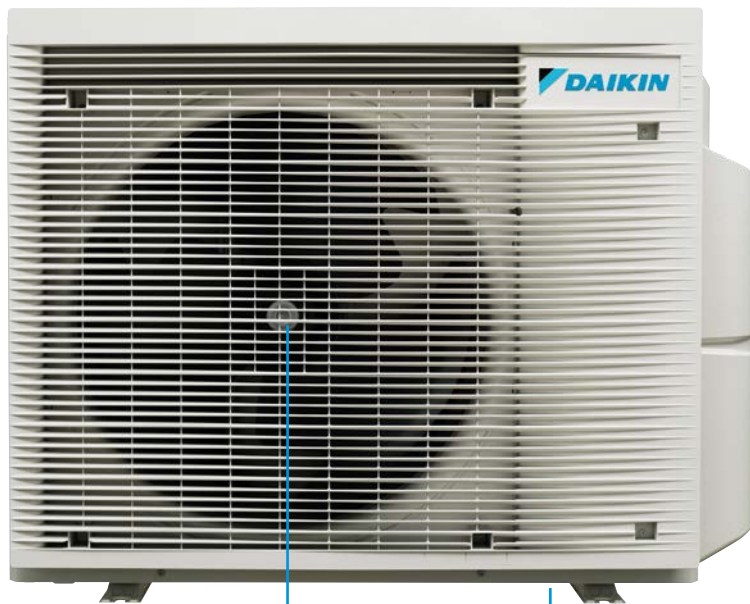
Water inlet and hot water outlet

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



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.

Technical specifications

Scan or click on the QR code for further information and final details



EKHWT-BV3



4MWXM52A

Efficiency data for domestic hot water				EKHWT90BV3 + 4MWXM52A	EKHWT120BV3 + 4MWXM52A
Heating capacity	Nom.		kW	-	-
COP	Average climate			2.19	2.30
				2.68	2.70
Heat-up time	Average climate	h:mm		1:18	2:15
		Warm climate		1:53	3:35
Seasonal efficiency	Domestic hot water heating	General	Declared load profile	M	L
		Average climate	η _{wh} (water heating efficiency) %	-	-
Water heating energy efficiency class*				A	
Water temperature		By heat pump		Max. 50	

*EN16147(2017)

Domestic hot water tank		EKHWT	90BV3	120BV3
Casing	Colour	White		
Material		Enameled steel		
Dimensions	HeightxWidthxDepth	mm	1,032x536x571	1,296x536x571
Weight		kg	60	70
Tank	Water volume	l	90	120
	Energy efficiency class**		B	
Operation range	Heating	Ambient	Min.~Max. °C	
		Water side	Min.~Max. °C	
			-15 ~ 42	
			-	

**LOT 2

Outdoor unit		4MWXM	52A
Dimensions	Unit	HeightxWidthxDepth	mm
		734x974x401	
Weight	Unit	kg	57
Sound power level	Cooling	dB(A)	59
	Heating	dB(A)	59
Sound pressure level	Cooling	Nom.	dB(A)
		46	
	Heating	Nom.	dB(A)
		47	
Operation range	Cooling	Ambient	Min.~Max. °CDB
		-10 ~ +50	
	Heating	Ambient	Min.~Max. °CW(B)
		-20 ~ +24	
Refrigerant	Type/ GWP	R-32/675.0	
	Charge	kg/TCO ₂ Eq	1.80/1.22
Piping connections	Liquid	OD	mm
			6.35
DX	Gas	OD	mm
			9.50/12.7/15.9
Piping connections	Liquid	OD	mm
			6.35
DHW	Gas	OD	mm
			9.50
Piping length	OU - IU	Max.	m
			25
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 10m)
Level difference	IU - OU	Max.	m
		15	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240
Current - 50Hz	Maximum fuse amps (MFA)	A	10

- Data not available at time of publication

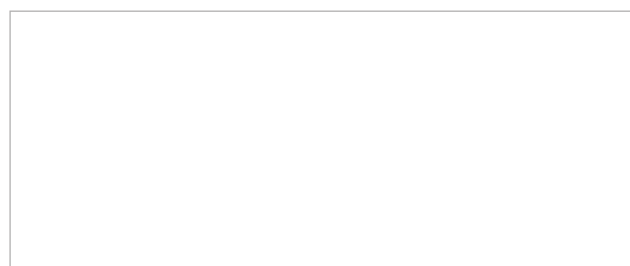
Note: blue cells contain preliminary data



CONNECTABLE AIR CONDITIONING INDOOR UNITS	Wall mounted															Concealed ceiling							Floor standing			Round flow	Fully flat	Ceiling suspended	Concealed floor standing																
	C/FTXA-AW/BS/BT/BB					C/FTXM-R					FTXJ-AW/S/B					FTXP-M9			FDXM-F9			FBA-A9				C/FVXM-A			FVXM-F		FCAG-B		FFA-A9			FHA-A9		FNA-A9							
	15	20	25	35	42	50	15	20	25	35	42	50	20	25	35	42	50	20	25	35	25	35	50	35	50	60	71	25	35	50	25	35	50	35	50	25	35	50	35	50	25	35	50		
4MWXM52A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

○ = no combination with additional split indoor units possible

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ECPEN22-011

01/22



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Printed on non-chlorinated paper.