



EKHWETU120BV3 / 4MWXM-A9 CKHWSU230BV3/ 5MWXM-A9



Multi+

A single system for hot water, heating and cooling

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

Discover one reliable solution for hot water, heating and cooling.

The Multi+ is an all-in-one system that delivers energy savings, reliable performance and comfort all year round.

Flexible setup: Simply connect the 120 ltr (wall-hung) or 230 ltr (floor-standing) tank and a variety of indoor units (wall, ceiling or floor mounted) to only one Multi+ outdoor unit.

User-friendly controls: The full text display on the tank makes scheduling and setting adjustment easy. All indoor units are compatible with the Onecta App which easily integrates with Google Assistant and Amazon Alexa.

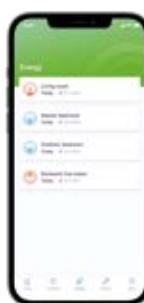
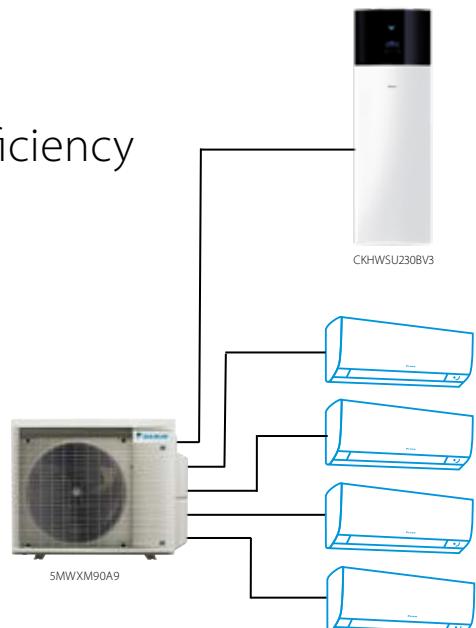
Non-stop comfort: Whether you need hot water, heating, or cooling, the Multi+ lets you set priorities to match your preferences.

High energy efficiency: Seasonal efficiency values up to A+++ in cooling and A++ for heating.

up to **A++** in heating up to **A+++** in cooling up to **A+** domestic hot water

Easy installation: Choose the most suitable location for the indoor and outdoor units. Installation, wiring, drain piping, and initial setup are all quick and straightforward.

There's no need to replace the existing piping of your current electric hot water tank. With water connections accessible from both the top and bottom, installation and maintenance are simple and hassle-free.



Connect Multi+ outdoor unit with up to four indoor units and a 120 or 230 ltr tank to provide domestic hot water.





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Domestic Hot Water Tank		EKHWETU120BV3		CKHWSU230BV3	
Mounting		Wall	Floor		
Casing	Colour	White / Black	White / Black		
	Material	Sheet metal / Acrylonitrile Butadiene Styrene	Resin + Sheet Metal		
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	l	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)	
Outdoor Units		4MWXM52A9	5MWXM68A9	5MWXM90A9	
Capacity	Nominal Cooling	kW	5.2	6.8	9.0
	Nominal Heating	kW	6.8	8.6	10.0
Dimensions	Height x Width x Depth	mm	734 x 974 x 401	734 x 1044 x 408	734 x 1044 x 408
Weight	kg	60	69	73	
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

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

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)

G3 Kit:

G3 Kit	Applicable Tank
CKUHW18G3	EKHWETU120BV3
KEKUHWG3D	CKHWSU230BV3

Note: G3 kit required with a domestic hot water tank (EKHWETU-BV3 and CKHWSU-BV3)

Connectable	Wall mounted						Floor Standing	Round-flow cassette	Fully flat cassette	Concealed ceiling					Ceiling suspended	Concealed floor standing	DHW Tanks			
	FTXJ-A(W/S/B)9	C/FTXA-CW/S/B	C/FTXM-A	FTXP-N9	C/FVXM-B	FCAG-B	FFA-A9	FDXM-F9	FBA-A9	FHA-A9	FNA-A9	EKHWETU-BV3	CKHWSU-BV3							
Indoor Units	20	25	35	42	50	15	20	25	35	42	50	20	25	35	20	25	35	50	60	
4MWXM52A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
5MWXM68A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
5MWXM90A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

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

* Only one indoor unit connection allowed.

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