



## 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.

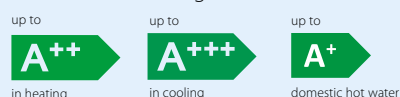
The Multi+ is an all-in-one system that delivers energy savings, reliable performance and comfort all year round.

**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.

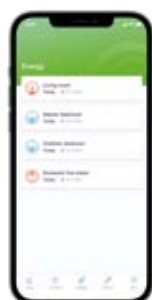
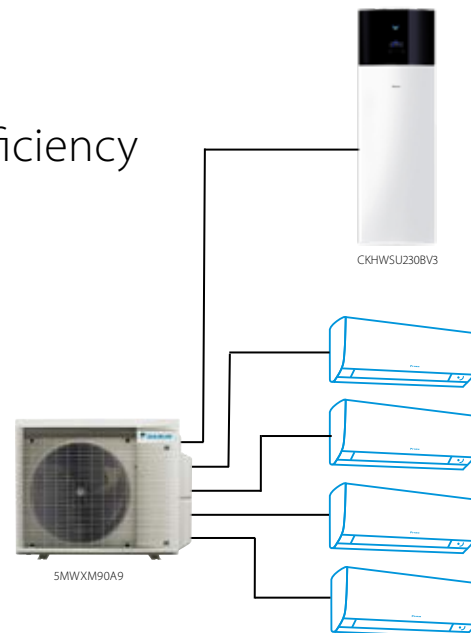
**Non-stop comfort:** Whether you need hot water, heating, or cooling, the Multi+ lets you set priorities to match your preferences.

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



**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.



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

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
Heat Exchanger	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+
	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)



EKHWETU120BV3



CKHWSU230BV3



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*	-	-
Refrigerant Circuit	Max Fuse Size	A	20*	-	-
	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)
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.FF6005	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
EKUHWG3D	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																					
Indoor Units	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						
	20	25	35	42	50	15	20	25	35	42	50	15	20	25	35	42	50	20	25	35	50	35	50	60	25	35	50	60	25	35	50	60	35	50	60	71	100	125	35	50	60	25	35	50	60	120	230		
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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