



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Κατάλογος Οικιακών Εφαρμογών



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστείδου 40 & Ελ. Βενιζέλου 3
ΤΚ | 55133 | Καλαμαριά | Θεσσαλονίκη
Τ | 2310.440.844 F | 2310.432.868
e-mail: info@klimamichaniki.gr
www.klimamichaniki.gr



Multi+

Only one system for domestic hot water + air conditioning

- › New design outlook for outdoor unit
- › Seasonal efficiency values up to A+++ in cooling and A++ for air conditioning
- › Domestic hot water efficiencies up to A
- › Wall mounted domestic hot water tank, available in 90l and 120l
- › Up to 3 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- › The outdoor unit is fitted with a swing compressor, renowned for its low noise and high energy efficiency



CONNECTABLE INDOOR UNITS	Wall mounted												Concealed ceiling						Floor standing	Round flow	Fully flat	Ceiling mounted	Concealed floor standing	Domestic hot water tank																	
	C/FTXA-AW/BS/BT/BB						C/FTXM-R						FTXJ-AW/S/B			FDXM-F9			FBA-A9			FVXM-F	FCAG-B	FFA-A9	FHA-A9	FNA-A9	EKHWT-BV3														
	15	20	25	35	42	50	15	20	25	35	42	50	20	25	35	42	50	25	35	50	35	50	60	71	25	35	50	35	50	25	35	50	35	50	25	35	50	25	35	50	90
4MWXM52A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

* No combination with additional indoor units possible

Efficiency data				EKHWT90BV3 + 4MWXM52A	EKHWT90BV3 + 4MWXM52A
Heating capacity	Nom.			-	-
COP	Average climate			2,19	2,30
	Warm climate			2,68	2,70
Heat-up time	Average climate		h:mm	1:18	2:15
	Warm climate		h:mm	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		1032x536x571	1296x536x571
Weight			kg		60	70
Tank	Water volume		l		90	120
	Energy efficiency class*				B	
Operation range	Heating	Ambient	Min.~Max.	°C	-15 ~ 42	
		Water side	Min.~Max.	°C	-	-

* LOT 2

Outdoor unit				4MWXM	52A
Dimensions	Unit	HeightxWidthxDepth	mm		734x974x401
Weight	Unit		kg		57
Sound power level	Cooling				59
Sound pressure level	Cooling	Nom./High	dBA		59
	Heating	Nom./High	dBA		46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	47
	Heating	Ambient	Min.~Max.	°CWB	-10~+50
Refrigerant	Type				-20~+24
	GWP				R-32/675.0
	Charge		kg/TCO2Eq		1.80/1.22
Piping connections DX	Liquid	OD	mm		6.35
	Gas	OD	mm		9.50/12.7/15.9
Piping connections DHW	Liquid	OD	mm		6.35
	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

*Note: blue cells contain preliminary data