

Daikin Altherma M HW

Enhanced hot water comfort

- › Quiet operation: with 36dBA at 2m, one of the most silent products in its kind
- › Easy handling: thanks to its compact size, it can easily pass through the doorway
- › Enhanced comfort: the 3 operating modes will give an answer to all your needs
- › Solar connectivity: empower your house with renewable energy
- › Wide operation range: down to -7 °C outside temperature with the heat pump, below -7 °C electrical heating element support



EKHH2E-AV3



011-1W0215 → 217



* max ECO cycle
** max Automatic cycle

Indoor unit		EKHH2E		2E200AV3(3)		2E260AV3(3)		2E260PAV3(3)					
Heat up time	Max.	hh:mm		08:17:00 (3) / 06:30:44 (4)		10:14:00 (3) / 07:56:46 (4)		10:14:00 (3) / 07:46:46 (4)					
COP				2.94 (1) / 3.30 (2)		3.10 (1) / 3.60 (2)							
Domestic hot water	Output	Nom	kW			1.8							
Equivalent hot water	Max		l	275		342							
Dimensions	Unit	Height	mm	1,714		2,004							
		Diameter	mm			650							
Weight	Unit	Empty	kg	83		95		112					
		Full	kg	282		349		358					
		Packed unit	kg	100		120		140					
Installation place				Indoor									
IP class				IP-X4									
Compressor	Type				Rotary non-inverter								
Refrigerant	Type				R-134a								
	GWP				1,430.0								
	Charge	TCO ₂ Eq				1.287							
Heat pump	Casing	Colour				White body / Black top							
		Material				Cover: EPP top finishing							
	Defrost method					Active with hot gas valve							
	Automatic defrost start		°C				-2						
	System pressure	Max.		bar				7					
		Operation range	Ambient	Min.	°CDB				-7				
Tank	Integrated heating element power	Nom.	kW				38						
		Max.	°CDB				1.5						
Domestic hot water heating	Casing	Colour				White							
		Material				Embossed ABS							
	Dimensions	Unit	Height	mm	1,210		1,500						
			Operation range	Water side	Min.	°C				10			
	Installation	Solar thermal connection possible					56						
		Standing heat loss		W	60		70		1				
Domestic hot water heating	General	Declared load profile		L		XL							
		Water heating energy efficiency class					A+						
		Thermostat temperature setting					55						
	Average climate	AEC (Annual electricity consumption)	kWh	835		1,323							
		η _{wh} (water heating efficiency)	%	123		127							
	Cold climate	AEC (Annual electricity consumption)	kWh	1,091		1,826							
		η _{wh} (water heating efficiency)	%	94		92							
	Warm climate	AEC (Annual electricity consumption)	kWh	756		1,296							
η _{wh} (water heating efficiency)		%	135		129								
Sound power level	Domestic hot water heating	Indoor unit	dBA				53						
Heat pump	Power supply	Phase					1P						
		Frequency	Hz				50						
		Voltage	V				230						
		Maximum running current	A				2.4						
Tank	Power supply	Phase					1P						
		Frequency	Hz				50						
		Voltage	V				230						

(1) Temperature of incoming air supply = 7°C, temperature of boiler storage environment = 20°C, water heated from 10°C to 55°C (according to UNI EN 16147-2011).
 (2) Temperature of incoming air supply = 15°C, temperature of boiler storage environment = 20°C, water heated from 10°C to 55°C (according to UNI EN 1614 7-2011).
 (3) Indoor temperature : 29°CDB, 19°CWB; outdoor temperature : 46°CDB, 24°CWB
 (4) Indoor temperature : 27°CDB, 19°CWB; outdoor temperature : 35°CDB, 24°CWB