



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες Θερμότητας



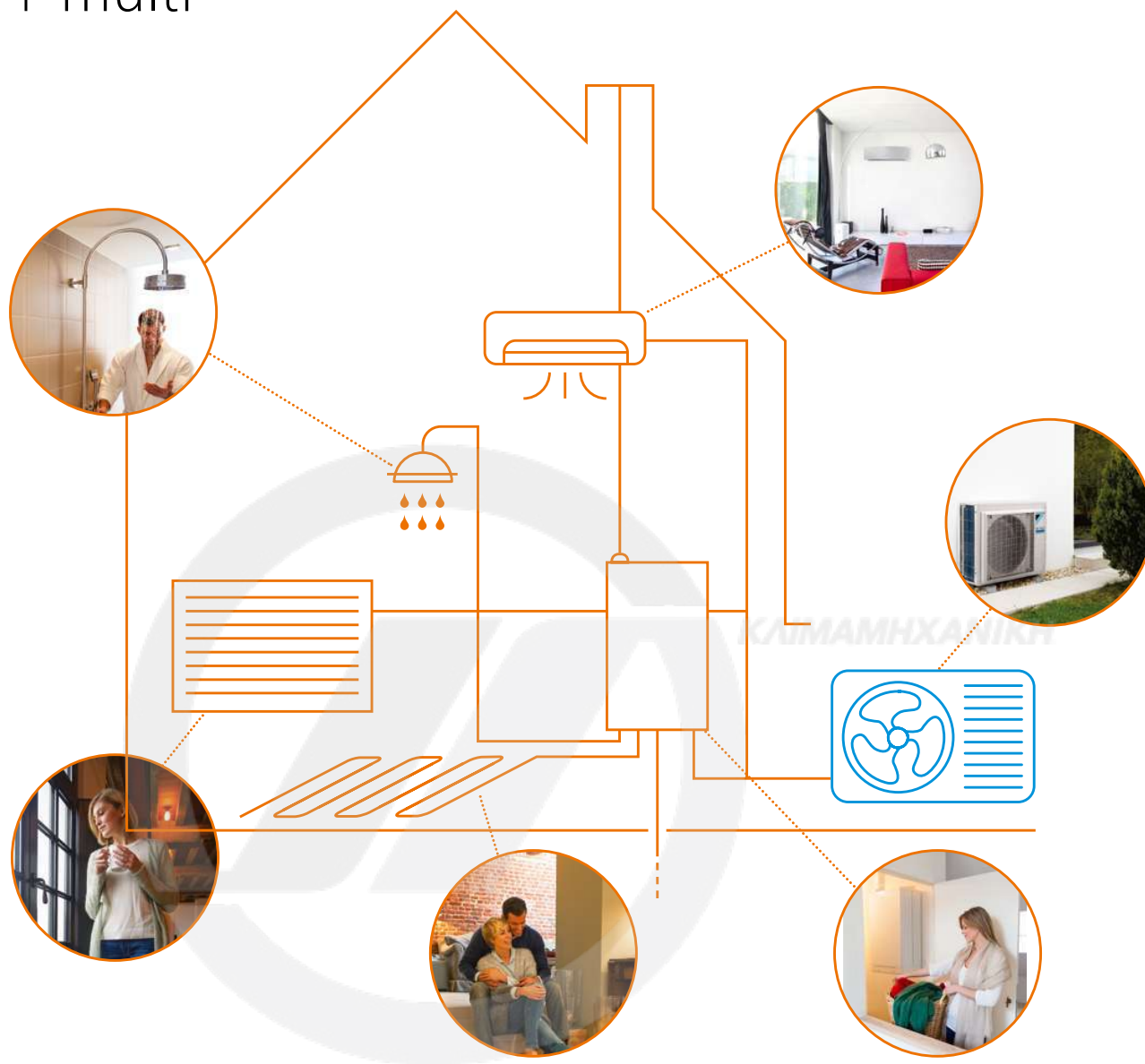
Κεντρικά γραφεία Βενιζέλου 5
Έκθεση Βενιζέλου 3 & Αριστείδου 40
55133 Καλαμαριά, Θεσσαλονίκη
Τ.2310440844

info@klimamichaniki.gr | www.klimamichaniki.gr



Daikin Altherma R Hybrid

+ multi



The Daikin Altherma Hybrid heat pump can also be combined with an air-to-air multi system to provide optimal cooling. Easily installed and managed via an app on a smartphone or tablet, the Daikin Altherma Hybrid heat pump + multi is an all-in-one system for heating, cooling and hot water purposes.

→ Multi features

- ✓ Equipped with Bluevolution technology
- ✓ 3, 4 and 5 ports for multi outdoor units
- ✓ Combinable with different Split & Sky Air indoor units:
One port can be used for hot water production

Control with Onecta App



BLUEVOLUTION

Daikin Altherma H Hybrid

The best of 2 worlds

Heat pump



H₂O



Condensing boiler



Environmentally friendly

- Reduced environmental impact thanks to the usage of **R-32 refrigerant**
- Outdoor unit with **sealed refrigerant circuit**, which greatly reduces the risk of refrigerant leakage



Easy & Quick installation

All hydraulics components are outside.



No F-gas licence required

Only water connections between outdoor and indoor unit. Therefore no F-gas certification is needed for the installer.

Safety in every conditions

The unit can work down to -15 °C outside thanks to multiple freeze-up protections



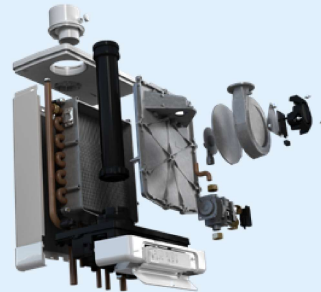
Flexible installation

Compact indoor unit can be installed in a cupboard.



Condensing technology

The condensing technology uses optimum fuel efficiency, with reduced emissions of NO_x and CO, to ensure high cost savings and environmentally-friendly operation.



Plug & play

No need of other parts, the pump group is integrated inside.

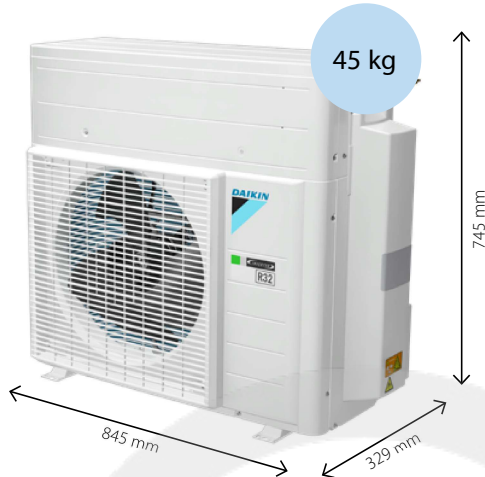
BLUEVOLUTION

The Bluevolution technology combines very high efficient compressors developed by Daikin with the future of refrigerants: R-32.

Installation possibilities

For more domestic hot water production, you can combine the Daikin Altherma H Hybrid with multiple tank options:

The Daikin Altherma H Hybrid is made of an outdoor unit of 4 kW



Pressureless tanks with solar support

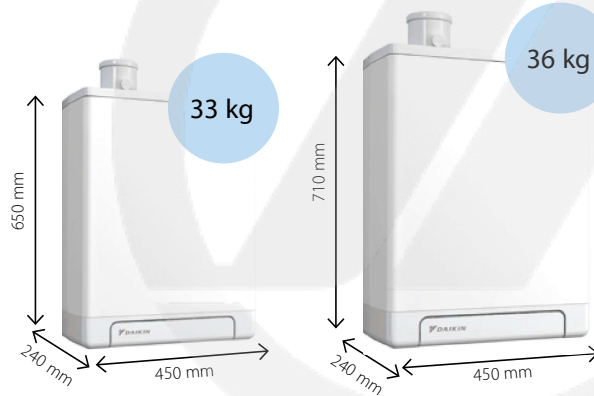
Connect your unit to a ECH₂O thermal store and take advantage of the energy of the sun.



EKHWP-(P)B
300 LT or 500 LT

EKS(H/V)-P

The Daikin Altherma H Hybrid is made of a boiler of 28 or 32 kW



Pressurized tanks

Connect your unit with our full range of stainless steel tanks to answer all needs.



EKHWS(P)-D3V3
from 150 LT up to 300 LT

Controllers

EKRUHML1/2

Control

- Manage space heating and domestic hot water and among others, booster mode
- User-friendly remote control with contemporary design
- Easy to use with direct accessibility to all main functions

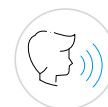
Comfort

- An additional user interface can include a room thermostat in the space to be heated
- Easy commissioning: intuitive interface for advanced menu settings



Onecta App

The Onecta App is a multifaceted programme that allows customers to control and monitor the status of their heating system.



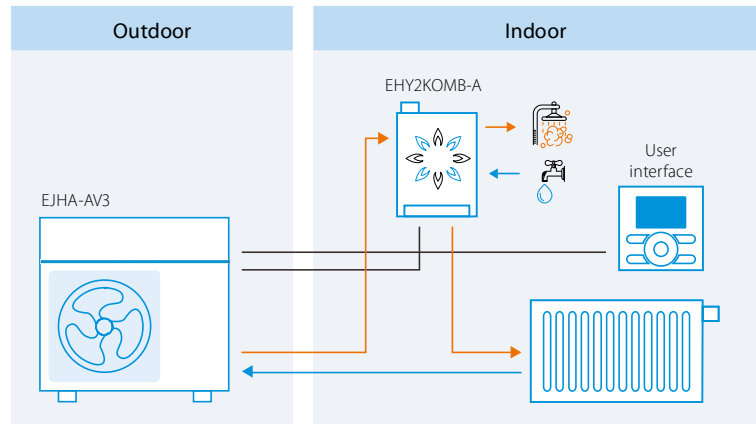
Control your heating system with your voice



Applications

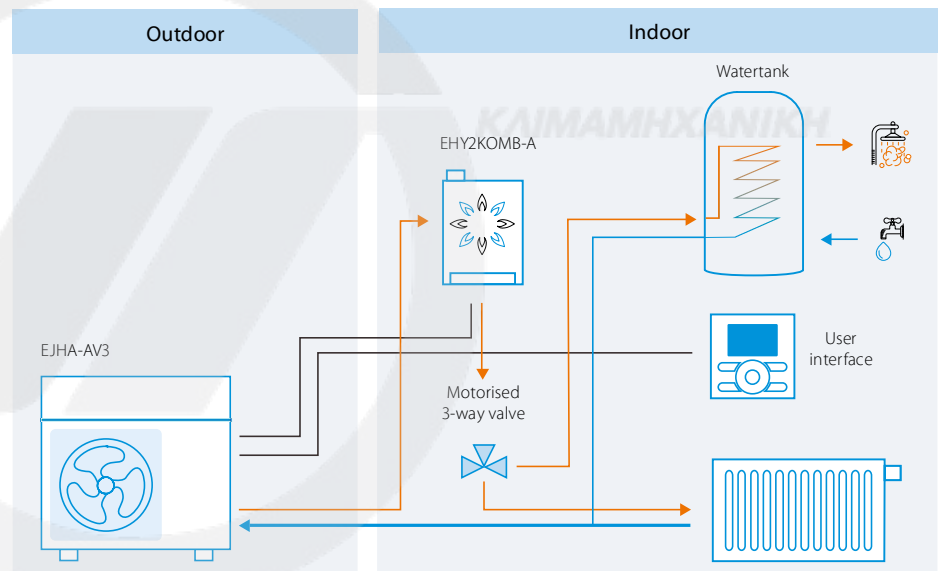
1. Standard Hybrid operation

With this application, the system works in a perfect balance between the gas boiler and the heat pump to provide space heating and domestic hot water. Here, the boiler is able to heat directly the water without a tank.



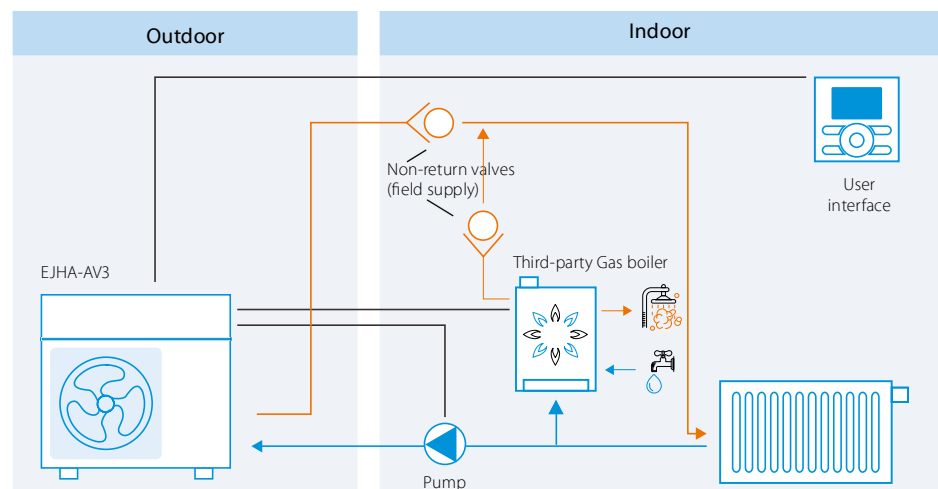
1.1 Standard Hybrid operation with a tank

In this application, a domestic hot water tank can be added if the system needs to provide high quantity of domestic hot water produced either by the heat pump or by the boiler.



2. Add-on operation

Daikin Altherma H Hybrid outdoor unit can be combined with an existing boiler. In such application, the system works in bivalent operation, meaning that this is strictly the heat pump or the boiler that is providing the required heat while in the standard applications, both can work at the same time.



Daikin Altherma H Hybrid

Hybrid technology combining condensing gas and air to water heat pump for **heating and hot water**

- Heating only models
- Depending on outdoor temperature, energy prices and internal heat load, the Daikin Altherma H Hybrid always selects the most economical mode to operate
- Low investment cost: no need to replace the existing radiators (up to 80 °C) and pipe work
- Provides sufficient heat in renovation applications as all heat loads are covered up to 32 kW
- Easy and fast installation thanks to the compact dimensions and water connections



Onecta app



Voice control



011-1W0293



EHY2KOMB-A









EJHA-AV3



up to

**R-32**

Efficiency data					EHY2KOMB28AA + EJHA04AAV3		EHY2KOMB32AA + EJHA04AAV3	
Heating capacity	Nom.			kW		3.83 (1)		
Power input	Heating	Nom.		kW		0.85 (1)		
COP						4.49 (1)		
 Space heating	Average climate water outlet 55 °C	General	SCOP		3.26		3.28	
			η _{sp} (Seasonal space heating efficiency)	%				
				Seasonal space heating eff. class				
	Average climate water outlet 35 °C	General	SCOP		4.14		4.15	
			η _{sp} (Seasonal space heating efficiency)	%				
				Seasonal space heating eff. class				
 Domestic hot water heating	General	Declared load profile				XL		
			Average climate	η _{wh} (water heating efficiency)	%		87	
				Water heating energy efficiency class				
Indoor unit					EHY2KOMB28AA		EHY2KOMB32AA	
Central heating	Heat input Q _n (net calorific value)	Nom	Min/Max	kW	7.10/23.70		7.60/27	
	Output P _n at 80/60 °C	Nom		kW	23.10		26.60	
	Efficiency	Net calorific value 80/60		%	98		99	
	Efficiency	Net calorific value 37/30 (30%)		%			108	
	Operation range	Min/Max		°C			30/90	
Domestic hot water	Output	Min/Nom		kW	7.10/29.10		7.60/32.70	
	Water flow	Rate 40/10 °C		l/min	12.50		15	
	Operation range	Min/Max		°C			40/65	
	Connection	Diameter		mm			15	
Gas	Consumption	Min/Max		m³/h	0.74/3.02		0.79/3.39	
	Consumption (G31)	Min/Max		m³/h	0.28/1.15		0.30/1.29	
Supply air	Connection			mm			100	
	Concentric						1	
Flue gas	Connection			mm			60	
Casing	Colour						White - RAL9010	
	Material						Precoated sheet metal	
Dimensions	Unit	HxWxD	Casing	mm	650x450x240		710x450x240	
Weight	Unit	Empty		kg	33		36	
Power supply	Phase/Frequency/Voltage			Hz/V			1 ~/50/230	
Electrical power consumption	Max.			W			110	
	Standby			W			2	
Outdoor unit					EJHA04AAV3			
Dimensions	Unit	HxWxD		mm	745x845x329			
Weight	Unit			kg	45			
Compressor	Quantity				1			
	Type				Hermetically sealed swing compressor			
Operation range	Heating	Min. ~ Max.		°CWB	-14 ~ 25			
Refrigerant	Type				R-32			
	GWP				675			
	Charge			kg	0.56			
	Charge			TCO ₂ Eq	0.38			
	Sound power level	Heating	Nom.		dBA	58.70		
Sound pressure level	Heating	Nom.		dBA	37			
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1 ~/50/220-240			
Current	Recommended fuses			A	20			

(1) Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C).

This product contains fluorinated greenhouse gases.