



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

# Αντλίες Θερμότητας



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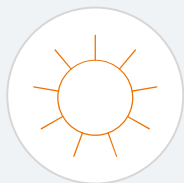




# Daikin Altherma 3 GEO

## Top performance even in coldest climate

The Daikin Altherma ground source heat pump uses geothermal energy and Daikin's inverter heat pump technology to deliver heating and hot water in all climates.



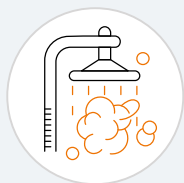
### Space heating

During winter



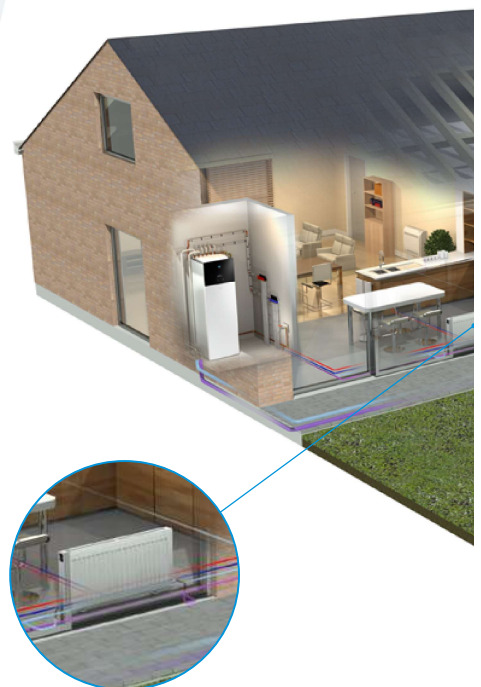
### Space cooling

Active cooling with high efficiency



### Domestic hot water production

Integrated 180 L stainless steel tank



Leaving water temperature up to 65 °C, so the unit can work with underfloor heating, heat pump convectors but also with radiators.



## Renovation and new build

Suitable for renovation: thanks to a high water temperature of 65 °C output, the unit fits with classic radiators.

Suitable for new build: the Daikin Altherma 3 GEO is also combinable with fan coils and underfloor piping.

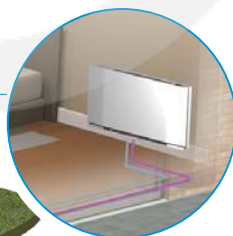
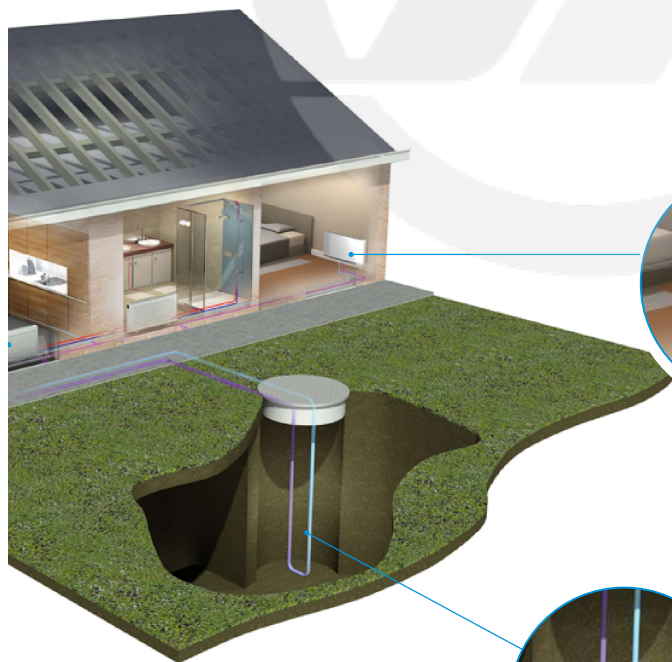


## Electricity savings

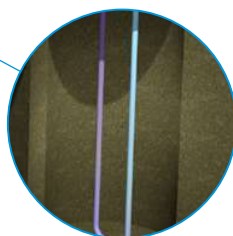
The continuous inverter operation allows a high modulation range down to 0.85kW, avoiding the unit to use more electricity to stop and start.

### BLUEVOLUTION

Bluevolution technology using R-32, environmentally friendly refrigerant with a lower GWP, reducing its CO<sub>2</sub> equivalent by 70% compared to its predecessor R-410A.



Daikin Altherma HPC provides heating or cooling for living rooms.



An 80-100 metre borehole in the ground creates a constant inlet temperature.

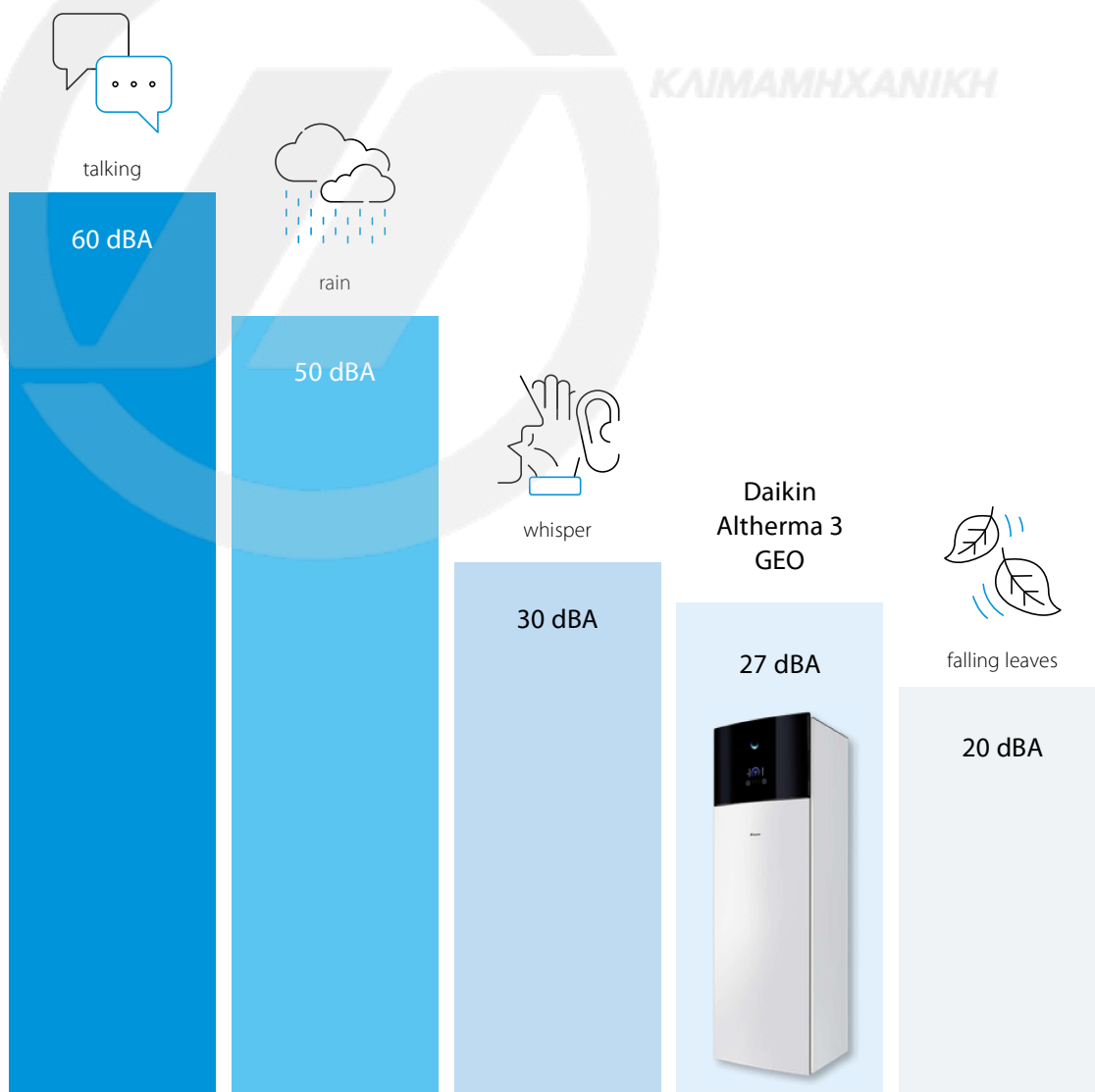
# Care for peace of mind

The Daikin Altherma 3 GEO is designed to perform the best efficiencies in what matter the most: quietness and connectivity.



## Extremely quiet operation

Sound pressure\*





## Built-in connectivity

Control your home climate from any place, at any time



## Onecta App

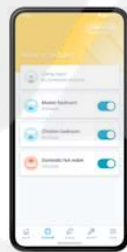
Always in control. Control your climate from any place, at any time.



Control



Monitor



Schedule



Monitor the status of your heating system



Control the operation mode and set temperature



Schedule the set temperature and operation mode



Control your heating system with your voice

## Madoka wired remote controller for Daikin Altherma

A new generation of user interface, designed and intuitive.



BRC1HHDW7



BRC1HHDAS7



BRC11HHDK7

- ✓ Intuitive control with a premium design
- ✓ Three colors to match any interior design
- ✓ Easily set operation parameters



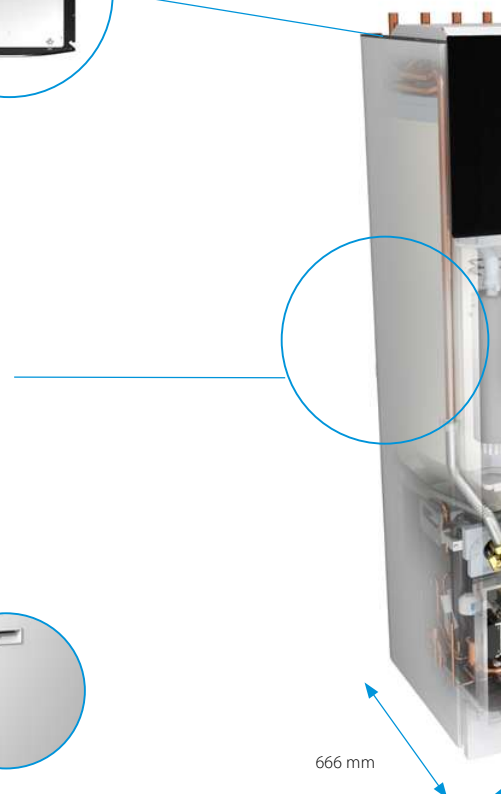
# Groundbreaking innovation

Quick and easy installation thanks to factory-fitted piping on top of the unit, pre-cabled electrical connections and reduced overall weight.

All pipe connections  
on top, paired  
in and out



Standard electrical  
connections  
pre-cabled



Can easily be  
installed in confined  
spaces thanks to a  
small footprint and  
integrated handles





# Advanced user interface

## The Daikin Eye

The intuitive Daikin eye shows you in real time the status of your system.



### Blue

When the Daikin Eye indicates a blue colour, it means the heat pump is functioning properly. The Daikin Eye will flash on and off when it's running on stand by mode.



### Red

When the Daikin Eye indicates a red colour, it means the heat pump is out of commission and requires a maintenance check.



## Quick to configure

Log in and you'll be able to completely configure the unit via the new user interface in 9 steps. You can even check if the unit is ready for use by running test cycles. You can upload the settings on an USB stick and download it directly into the unit.

## Easy operation

Work super-fast with the new user interface. It's easy to use with just a few buttons and 2 navigational knobs.

## Beautiful design

The user interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

Removable compressor module, reducing the overall weight by 70 kg



1,891 mm

597 mm

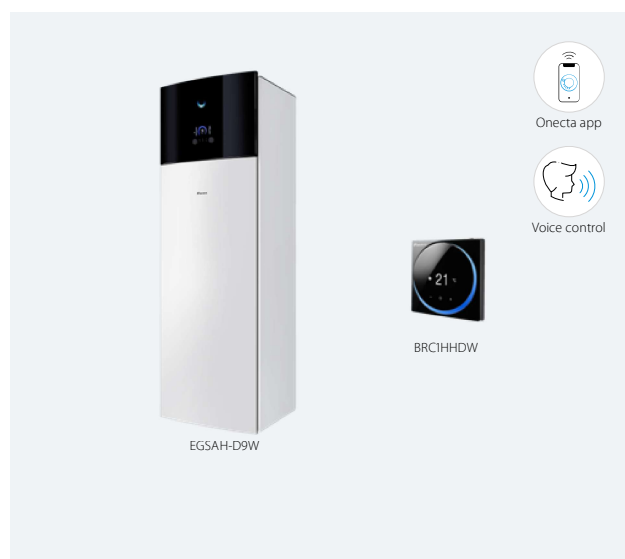


KLIMAMHXANIKH

# Daikin Altherma 3 GEO

## Ground source heat pump for heating, cooling & hot water








- Top-level seasonal efficiency thanks to our inverter heat pump technology providing the highest savings on running costs
- Delivering temperatures up to 65 °C at high efficiency, the R-32 Daikin Altherma 3 GEO is suitable for underfloor heating/cooling, fan coils and radiators
- Integrated indoor unit: all-in-one floor standing unit including the stainless steel domestic hot water tank saves space and installation time
- The unit has a similar footprint when compared to other household appliances
- Reversible heat pump, allowing heating and cooling



EGSAH-D9W



EGSAH-D9W

Indoor Unit					EGSA	H06D9W	X06D9W	H10D9W	X10D9W
Heating capacity	Min.			kW			0.85		
	Nom.			kW		3.35			5.49
	Max.			kW		7.98			9.55
Power input	Nom.			kW		0.74			1.17
COP						4.51			4.70
 Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	141		143	152	154
			Seasonal space heating eff. class						
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	195		199	197	200
			Seasonal space heating eff. class						
 Domestic hot water heating	General	Declared load profile			L				
	Average climate		ηwh (water heating efficiency)	%	117				
			Water heating energy efficiency class						
 Space cooling	Medium temperature application	General	SEER		-		15	-	15
			Pdesign	kW	-		8	-	8
	Low temperature application	General	SEER		-		14	-	14
			Pdesign	kW	-		8	-	8
Casing	Colour	White or Silver-grey							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth		mm	1,891x597x666				
Weight	Unit				kg				
Tank	Water volume			l	180				
	Insulation Heat loss			kWh/24h	1.20				
	Corrosion protection				Pickling				
Operation range	Installation space	Min. ~ Max.	°C		5/35				
	Brine side	Min. ~ Max.	°C		-10/30				
	Heating	Water side	Min. ~ Max.	°C	5/65				
	Domestic hot water	Water side	Min. ~ Max.	°C	25/60				
Refrigerant	Type	R-32							
	GWP	675							
	Charge		kg	1.70					
	Charge		TCO2Eq	1.15					
Sound power level	Nom.				dBA	39			41
Sound pressure level at 1 meter	Nom.				dBA	27			29
Power supply	Name/Phase/Frequency/Voltage				Hz/V	3 ~ /50/400 or 1 ~ /50/230			
Current	Recommended fuses				A	3P 16A or 1P 32A			

This product contains fluorinated greenhouse gases.