



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Daikin Altherma 3 GEO



Κεντρικά γραφεία Βενιζέλου 5
Έκθεση Βενιζέλου 3 & Αριστείδου 40
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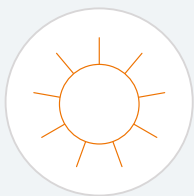




Daikin Altherma 3 GEO

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



Domestic hot water production

Integrated 180 L stainless steel tank



Space cooling

Active cooling with high efficiency



Renovation and new build

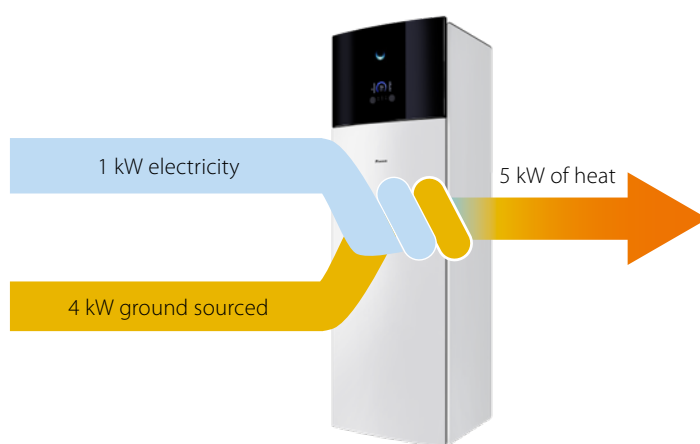
Suitable for renovation: thanks to a high water temperature of 65 °C output, the unit fits with classic radiators.

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.





Groundbreaking innovation

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

Removable compressor module, reducing the overall weight by 70 kg



Standard electrical connections pre-cabled



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

All pipe connections on top, paired in and out



666 mm

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

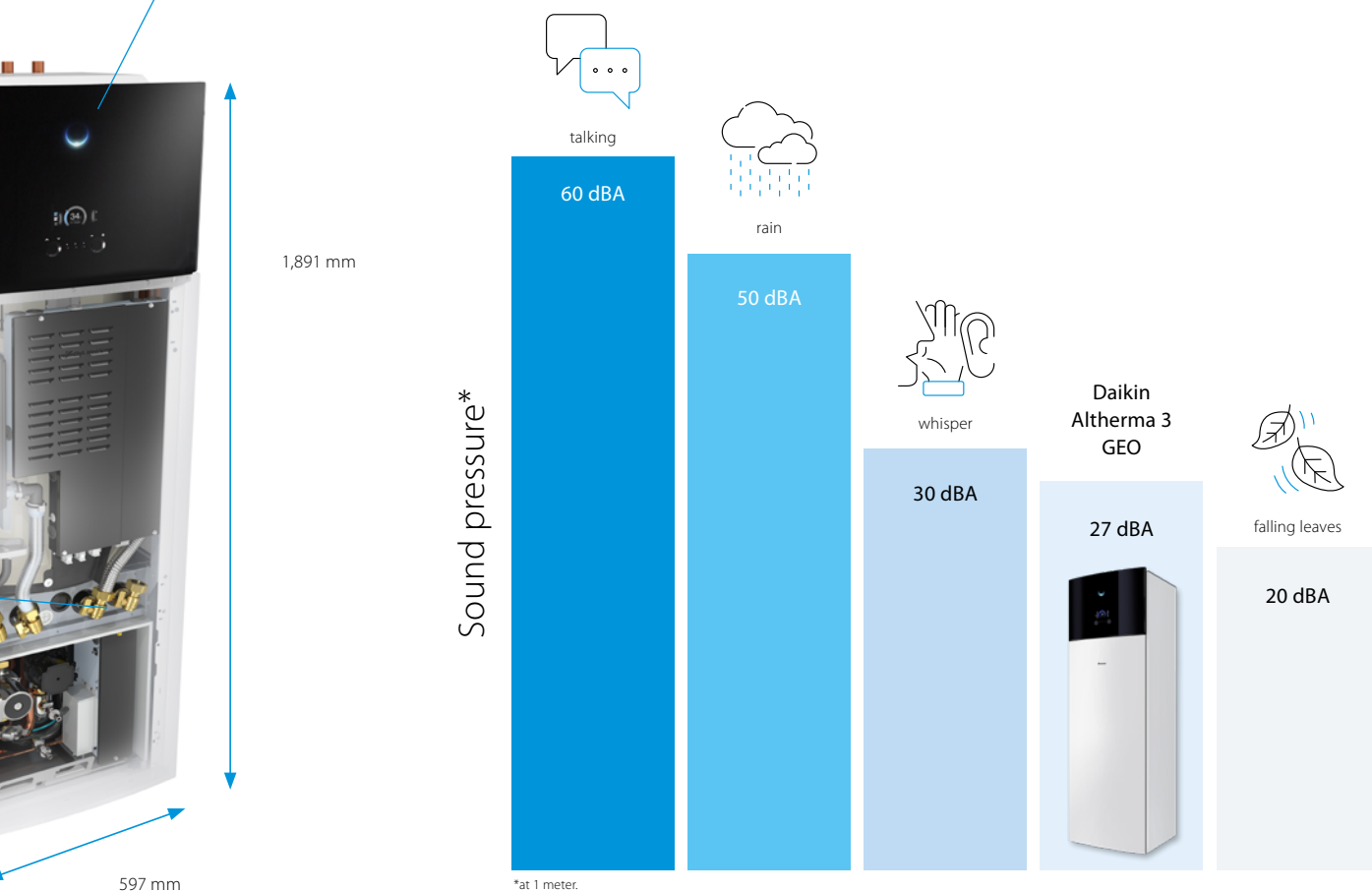
Work super-fast with the user interface. It's easy to use with just a few buttons and 2 navigational knobs.

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.



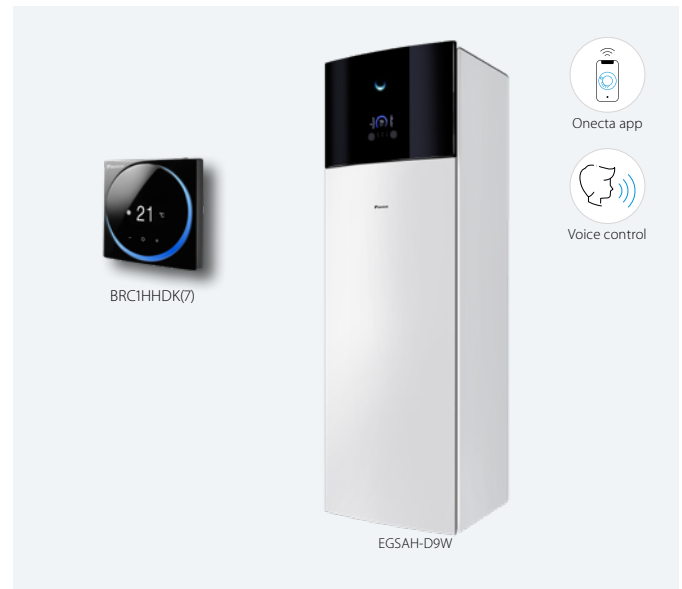
Extremely quiet operation



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



011-1W0337
011-1W0338



EGSAH-D9W



EGSAX-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	222			
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.

Options

	Type	Material name
Controls	Remote user interface	BRC1HDDAK/S/W(7)
	Room thermostat (wired)	EKRTWA
	Room thermostat (wireless)	EKRTRB
	Cascade control	EKCC9-W
	Gateway	DCOM-LT/IO
Adapter	Gateway	DCOM-LT/MB
	Demand PCB	EKRP1AHTA
	Digital I/O PCB	EKRP1HBAA
Sensor	Remote indoor sensor	KRCS01-1
	External sensor	EKRTETS
	Reduce power limitation sensor	EKCSSENS
Others	PC cable	EKPCCAB4
	Ground source filling kit	KGSFILL2
	Separate power supply BUH	EKGSPOWCAB
	Magnetic filter Fernox	K.FERNOXTF1
	Magnetic filter Fernox	K.FERNOXTF1FL