

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.



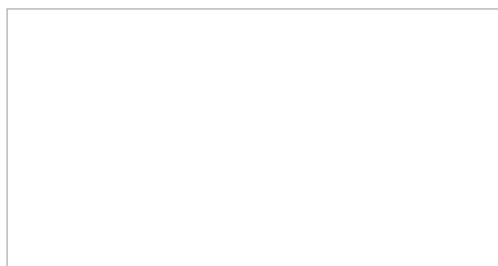
up to

Indoor Unit		EGSA	H06D9W	X06D9W(G)	H10D9W	X10D9W(G)
Heating capacity	Min.	kW	0.85			
	Nom.	kW	3.34		5.48	
	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	General ηs (Seasonal space heating efficiency)	150	143	160	154
	55°C	Seasonal space heating eff. class	A++		A+++	
	Average climate water outlet	General ηs (Seasonal space heating efficiency)	214	199	210	200
Domestic hot water heating	35°C	General Declared load profile	A+++		L	
	Average climate	n _{wh} (water heating efficiency)	117			
		Water heating energy efficiency class	A+			
Space cooling	Medium temperature application	General SEER	-	15	-	15
		Pdesign	-	8	-	8
	Low temperature application	General SEER	-	14	-	14
		Pdesign	-	8	-	8
Casing	Colour		White or Silver-grey			
	Material		Precoated sheet metal			
Dimensions	Unit	HeightxWidthxDepth	1,891x597x666			
Weight	Unit		222			
Tank	Water volume		180			
	Insulation	Heat loss	1.2			
		Corrosion protection	Pickling			
Operation range	Installation space	Min.~Max.	5 / 35			
	Brine side	Min.~Max.	-10 / 30			
	Heating	Water side Min.~Max.	5 / 65			
	Domestic hot water	Water side Min.~Max.	25 / 60			
	Refrigerant	Type		R-32		
	GWP		675			
	Charge	kg	1.70			
	Charge	TCO ₂ Eq	1.15			
Sound power level	Nom.	dBA	39.0		41.0	
Sound pressure level at 1 meter	Nom.	dBA	27.0		29.0	
Power supply	Name/Phase/Frequency/Voltage	Hz/V	3~/50/400 or 1~/50/230			
Current	Recommended fuses	A	3P 16A or 1P 32A			

Options

Type	Material name	
Controls	Remote user interface	BRC1HHDAA/S/W
	Room thermostat (wired)	EKRTWA
	Room thermostat (wireless)	EKRTR1
Adapter	Cascade control	EKCC8-W
	Gateway	DCOM-LT/IO
	Gateway	DCOM-LT/MB
Sensor	Demand PCB	EKRP1AHTA
	Digital I/O PCB	EKRP1HBAA
Valve	Remote indoor sensor	KRCS01-1
	External sensor	EKRTETS
Others	Reduce power limitation sensor	EKCSSENS
	Valve kit	EKVK1A/2A/3A
	PC cable	EKPCCAB4
	Ground source filling kit	KGFSILL2
	Hydromodule replacement	EKGSYDMOD
	Separate power supply BUH	EKGSPOWCAB
	Magnetic filter Fernox	K.FERNOXTF1
Magnetic filter Fernox	K.FERNOXTF1FL	

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