

# Daikin Altherma ground source heat pump

## Ground source heat pump for heating & hot water

- › Ground source heat pump technology uses stable geothermal energy, unaffected by the outside temperature
- › Highest seasonal efficiency thanks to our inverter heat pump technology
- › Quick and easy installation thanks to factory-fitted piping on top of the unit and reduced overall weight
- › Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- › User interface with thermostat function for higher comfort, quick commissioning, easy servicing and energy management to control energy consumption and costs



Indoor Unit		EGSQH		10S18A9W		
Heating capacity	Min.	kW		3.11 (1) / 2.47 (2)		
	Nom.	kW		10.20 (1) / 9.29 (2)		
	Max.	kW		13.00 (1) / 11.90 (2)		
Power input	Nom.	kW		2.34 (1) / 2.82 (2)		
COP				4.35 (1) / 3.29 (2)		
Casing	Colour			White		
	Material			Precoated sheet metal		
Dimensions	Unit	Height/Width/Depth	mm	1,732/600/728		
Weight	Unit			210		
Tank	Water volume			180		
	Insulation	Heat loss	kWh/24h	1.4		
	Corrosion protection				Anode	
	Operation range	Domestic hot water	Water side Max (booster heater)			
Refrigerant	Type			R-410A		
	Charge			1.8		
				3.8		
	Control			Electronic expansion valve		
GWP			2,087.5			
Sound power level	Nom.	dBA		46		
Sound pressure level	Nom.	dBA		32		
Power supply	Name/Phase/Frequency/Voltage	Hz/V		9W/3~/50/400		
Current	Recommended fuses	A		25		
Domestic hot water heating	General	Declared load profile		L		
	Average climate	$\eta_{wh}$ (water heating efficiency)	%	93.1		
	Water heating energy efficiency class				A	
Space heating	Average climate water outlet 55°C	General	$\eta_s$ (Seasonal space heating efficiency)	%	144	
			Seasonal space heating eff. class		A++	
	Average climate water outlet 35°C	General	$\eta_s$ (Seasonal space heating efficiency)	%	202	
			Seasonal space heating eff. class		A++	

(1) EWB/LWB 0°C/-3°C - LWC 35°C (DT=5°C) (2) EWB/LWB 0°C/-3°C - LWC 45°C (DT=5°C)