

# Daikin Altherma ground source heat pump

EGSQH-A9W



## Ground source heat pump for heating and 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

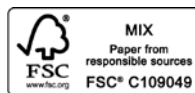
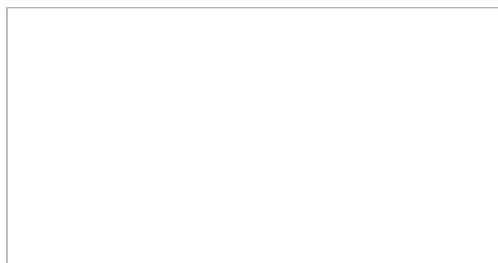
# EGSQH-A9W



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		kg	210	
Tank	Water volume		l	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		kg	1.8	
			TCO <sub>2</sub> eq	3.8	
	Control			Electronic expansion valve	
GWP				2,087.5	
Sound power level	Nom.		dB(A)	46	
Sound pressure level	Nom.		dB(A)	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	η <sub>wh</sub> (water heating efficiency)	%	93.1	
		Water heating energy efficiency class		A	
Space heating	Average climate water outlet 55°C	General	η <sub>s</sub> (Seasonal space heating efficiency)	%	144
			Seasonal space heating eff. class		A++
	Average climate water outlet 35°C	General	η <sub>s</sub> (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)

**Daikin Europe N.V.** Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · [www.daikin.eu](http://www.daikin.eu) · BE 0412 120 336 · RPR Oostende (Responsible Editor)



ECPEN16-751

10/15



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: [www.eurovent-certification.com](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.