



LOW TEMPERATURE



Daikin Altherma Monobloc

Air Source Heat Pump

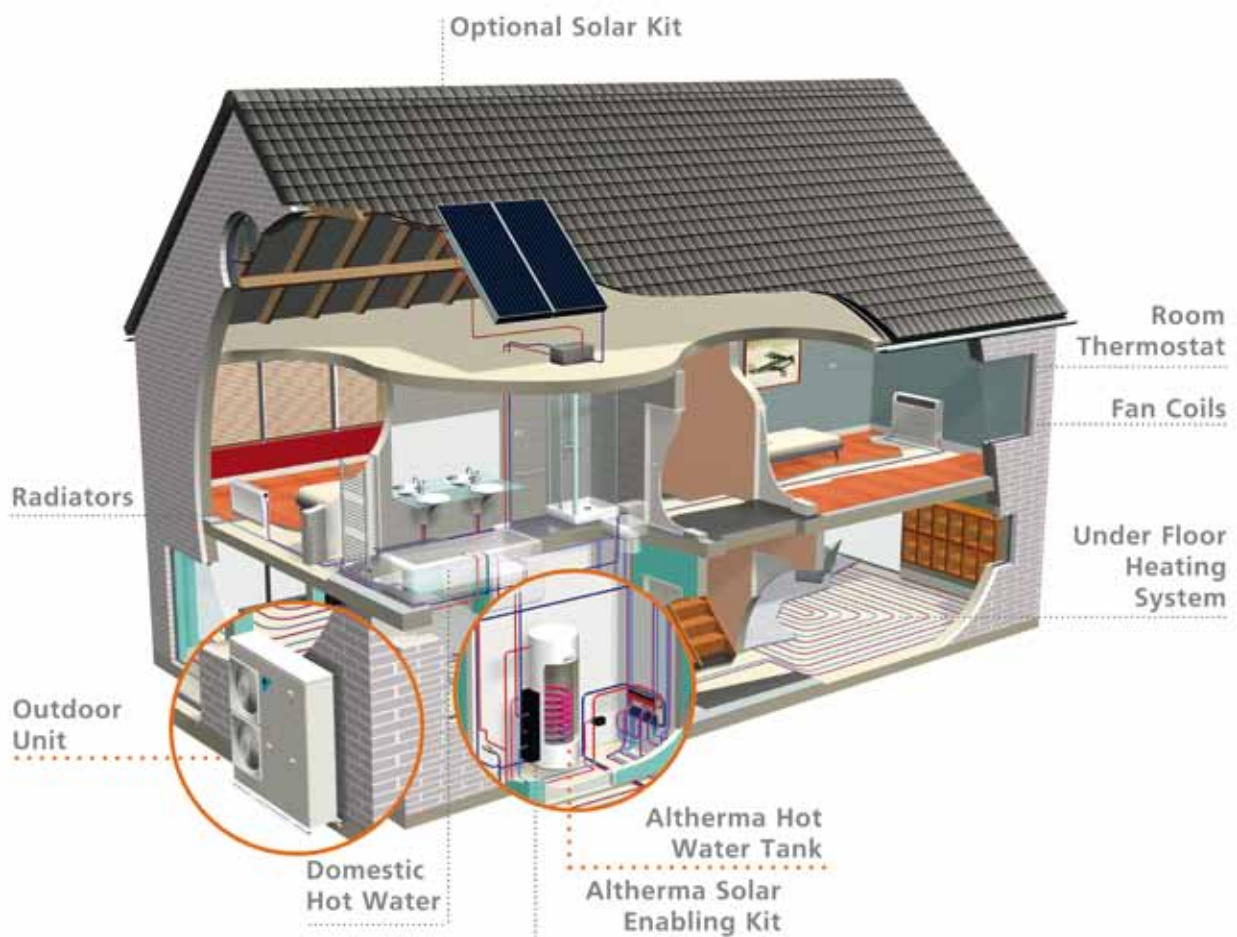
Outdoor unit and indoor unit in ONE!

In addition to the Daikin Altherma Split system, the Daikin Altherma Monobloc is a version with all hydraulic parts located within the outdoor unit.

In this Daikin Altherma system the water pipes, rather than refrigerant lines, run indoors from the outdoor unit making installation much quicker.

In order to protect the water pipes from freezing up during winter, insulation is provided for all hydraulic components and special software has been applied to activate the pump and back up heater if necessary. This prevents the water temperature from dropping below freezing point and obviates the need for the addition of glycol to the water pipes.

- H₂O piping between outdoor unit and indoor heating appliances
- Freeze protection of hydraulic parts
- Connectable to under floor heating, low temperature radiators and fan coil units, just like the standard Daikin Altherma system
- Domestic hot water cylinder with optional solar kit, perfectly combinable with solar collectors.



OUTDOOR UNIT			HEATING ONLY			REVERSIBLE		
SINGLE PHASE	With bottom plate heater		EDLQ011A6V3	EDLQ014A6V3	EDLQ016A6V3	EBLQ011A6V3	EBLQ014A6V3	EBLQ016A6V3
	Without bottom plate heater		EDHQ011A6V3	EDHQ014A6V3	EDHQ016A6V3	EBHQ011A6V3	EBHQ014A6V3	EBHQ016A6V3
Nominal capacity	Heating	kW	11.20	14.00	16.00	11.20	14.00	16.00
	Cooling	kW				10.00	12.50	13.10
Nominal input	Heating	kW	2.47	3.20	3.79	2.47	3.20	3.79
	Cooling	kW				3.60	5.30	5.85
COP			4.54	4.37	4.22	4.54	4.37	4.22
EER						2.78	2.36	2.24
Operation range	Heating	°C	-15~35 ⁽¹⁾			-15~35 ⁽¹⁾		
	Cooling	°C				10~46		
	Domestic water	°C	-20~43			-20~43		
Sound power level	Heating	dBA	64	64	66	64	64	66
	Cooling	dBA				64	66	69
Sound pressure level	Heating	dBA	51	51	52	51	51	52
	Cooling	dBA				50	52	54
Dimensions	HxWxD	mm	1418 x 1435 x 382			1418 x 1435 x 382		
Weight		kg	180			180		
Refrigerant charge	R-410A	kg	2.95			2.95		
Power Supply			1~/230V/50Hz			1~/230V/50Hz		
Recommended fuses		A	32			32		

Measuring conditions: Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C) - Cooling Ta 35°C - LWE7°C (DT=5°C)

⁽¹⁾E(D/B)L* models can reach -20°C

COMBINATION TABLE			HEATING ONLY			REVERSIBLE		
	With bottom plate heater		EDLQ011A6V3	EDLQ014A6V3	EDLQ016A6V3	EBLQ011A6V3	EBLQ014A6V3	EBLQ016A6V3
	Without bottom plate heater		EDHQ011A6V3	EDHQ014A6V3	EDHQ016A6V3	EBHQ011A6V3	EBHQ014A6V3	EBHQ016A6V3
Stainless steel domestic hot water tank	EKHWSU150B3V3		•	•	•	•	•	•
	EKHWSU200B3V3		•	•	•	•	•	•
	EKHWSU300B3V3		•	•	•	•	•	•
Solar kit	EKSOLHWAV1		•	•	•	•	•	
Wired remote control	EKRTW		•	•	•	•	•	
Wireless remote control	EKTR + EKRTETS		•	•	•	•	•	

THREE PHASE			HEATING ONLY			REVERSIBLE		
	With bottom plate heater		EDLQ011A6W1	EDLQ014A6W1	EDLQ016A6W1	EBLQ011A6W1	EBLQ014A6W1	EBLQ016A6W1
	Without bottom plate heater		EDHQ011A6W1	EDHQ014A6W1	EDHQ016A6W1	EBHQ011A6W1	EBHQ014A6W1	EBHQ016A6W1
Nominal capacity	Heating	kW	11.20	14.00	16.00	11.20	14.00	16.00
	Cooling	kW				10.00	12.50	13.10
Nominal input	Heating	kW	2.51	3.22	3.72	2.51	3.22	3.72
	Cooling	kW				3.60	4.98	5.65
COP			4.46	4.35	4.30	4.46	4.35	4.30
EER						2.78	2.51	2.32
Operation range	Heating	°C	-15~35 ⁽¹⁾			-15~35 ⁽¹⁾		
	Cooling	°C				10~46		
	Domestic water	°C	-20~43			-20~43		
Sound power level	Heating	dBA	64	64	66	64	64	66
	Cooling	dBA				64	66	69
Sound pressure level	Heating	dBA	49	51	53	49	51	53
	Cooling	dBA				50	52	54
Dimensions	HxWxD	mm	1418 x 1435 x 382			1418 x 1435 x 382		
Weight		kg	180			180		
Refrigerant charge	R-410A	kg	2.95			2.95		
Power Supply			3N~/400V/50Hz			3N~/400V/50Hz		
Recommended fuses		A	32			32		

Measuring conditions: Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C) - Cooling Ta 35°C - LWE7°C (DT=5°C)

⁽¹⁾E(D/B)L*6W1 models can reach -25°C

COMBINATION TABLE			HEATING ONLY			REVERSIBLE		
	With bottom plate heater		EDLQ011A6W1	EDLQ014A6W1	EDLQ016A6W1	EBLQ011A6W1	EBLQ014A6W1	EBLQ016A6W1
	Without bottom plate heater		EDHQ011A6W1	EDHQ014A6W1	EDHQ016A6W1	EBHQ011A6W1	EBHQ014A6W1	EBHQ016A6W1
Stainless steel domestic hot water tank	EKHWSU150B3V3		•	•	•	•	•	•
	EKHWSU200B3V3		•	•	•	•	•	•
	EKHWSU300B3V3		•	•	•	•	•	•
Solar kit	EKSOLHWAV1		•	•	•	•	•	
Wired remote control	EKRTW		•	•	•	•	•	
Wireless remote control	EKTR + EKRTETS		•	•	•	•	•	