

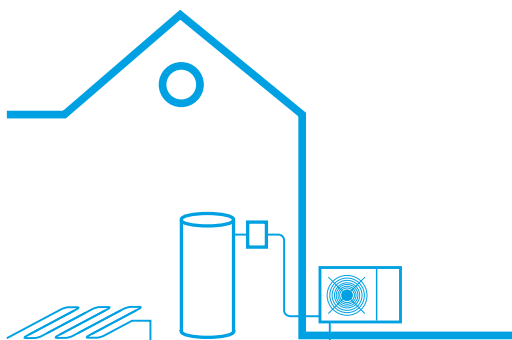
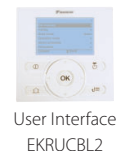
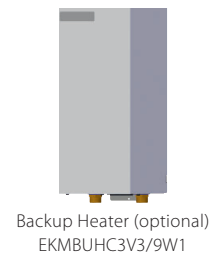
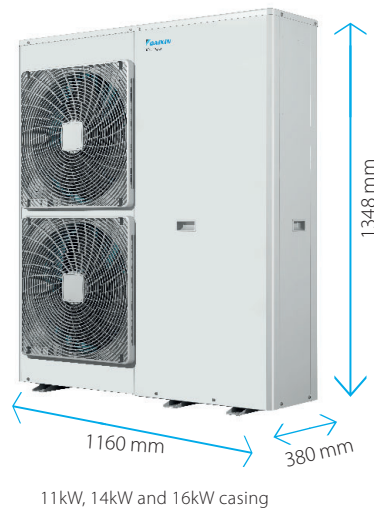


EDLQ / EBLQ

Daikin Altherma Monobloc heat pump

A monobloc is the answer when the requirement is for a simple system with a single outside unit and no indoor unit.

- › Everything combined in one outdoor unit
- › Quick and easy installation as only water pipes run indoors from the outdoor unit
- › Minimal installation footprint required as only outdoor space is required
- › Freeze protection of hydraulic parts
- › Quiet, compact outdoor unit
- › Easy installation out of the box, with no refrigerant handling
- › COP of up to 5* with typical annual efficiencies of up to 300%
- › User friendly controller for quick commissioning
- › Reliable operation even when -25°C outside
- › Frost protection features for total peace of mind



- › Heating: **A⁺⁺**
- › Hot water: up to* **A⁺⁺⁺**

* When combined with solar thermal products



R-410A

EDLQ

Daikin Altherma Monobloc



Outdoor Unit			Single Phase			3 Phase		
			EDLQ011CV3	EDLQ014CV3	EDLQ016CV3	EDLQ011CW1	EDLQ014CW1	EDLQ016CW1
Trade Unit Price			£2843.00	£3298.00	£3,440.00	£3,051.00	£3,506.00	£3,612.00
User Interface (must be ordered)			EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2
Description			11kW, 1-phase, 230V	14kW, 1-phase, 230V	16kW, 1-phase, 230V	11kW, 3-phase, 400V	14kW, 3-phase, 400V	16kW, 3-phase, 400V
Function			Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only
Dimensions			Height x Width x Depth mm			1348 x 1160 x 380		
Weight			kg			151		
Nominal capacity			kW			11.2 / 11.0		
Heating (a/b)			kW			14.5 / 13.6		
Cooling			kW			16.0 / 15.2		
Nominal input			kW			11.2 / 11.0		
Heating (a/b)			kW			14.5 / 13.6		
Cooling			kW			16.0 / 15.2		
COP			COP			2.43 / 3.10		
Heating (a/b)			COP			3.37 / 4.10		
Cooling			COP			4.26 / 3.26		
Seasonal space heating efficiency			Class			A++		
Space heating (Average climate) 35°C			Efficiency			156		
SCOP			SCOP			3.98		
Space heating (Average climate) 55°C			Class			A+		
Efficiency			Efficiency			120		
SCOP			SCOP			3.09		
EER			Cooling			-		
Operation range			Heating °C			-10 ~ +35		
Cooling °C			Cooling °C			-		
Hot water °C			Hot water °C			-25 ~ +35		
Sound pressure / power level			Heating dBA			51 / 64		
Cooling dBA			Cooling dBA			-		
Refrigerant charge (factory)			R-410A kg			3.40		
Power supply			1-phase / 230V / 50Hz			3-phase / 400V / 50Hz		
Recommended fuses			Outdoor unit A			40		
Pump			No. of speeds			40		
Expansion vessel volume			litres			10		
Water connections (diameter)			inches			1" (male)		
Max piping length OU to cylinder			m			10		
Minimum water volume without back-up heater			litres			80		
Minimum water volume with back-up heater			litres			20		

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:

Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)

Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)

Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)

Sound pressure level measured at 1m from the unit

Notes:

- User interface (EKRUCBL2) must be ordered with every EDLQ011-016
- Wiring Centre only required for applications involving hot water and/or third party controls

WIRING CENTRE (OPTIONAL)			EKCB07CV3
Description			Wiring centre
Trade Unit Price			£252.00
To use with			E(D/B)LQ011~016CV3/CW1
Dimensions			Depth mm
Width mm			97
Height mm			340
			360



BACK UP HEATER KIT (OPTIONAL)			EKMBUHC3V3	EKMBUHC9W1
Description			Back up heater kit (3kW)	Back up heater kit (3/6/9kW)
Trade Unit Price			£517.00	£576.00
Nominal rating			kW	3
Dimensions			Depth mm	210
Width mm			250	
Height mm			560	
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses			3 kW 1ph 230V Amps	16
6 kW 1ph 230V Amps			-	32 ***
6kW 3ph 400V Amps			-	10 ***
9kW 3ph 400V Amps			-	16 ***
Water connections			Diameter inch	1" (male)



Daikin Altherma Monobloc

Outdoor Unit			Single Phase					
			EBLQ011CV3	EBLQ014CV3	EBLQ016CV3	EBLQ011CW1	EBLQ014CW1	EBLQ016CW1
User Interface (must be ordered)			EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2	EKRUCBL2
Description			11kW, 1-phase, 230V	14kW, 1-phase, 230V	16kW, 1-phase, 230V	11kW, 3-phase, 400V	14kW, 3-phase, 400V	16kW, 3-phase, 400V
Function			Reversible	Reversible	Reversible	Reversible	Reversible	Reversible
Dimensions	Height x Width x Depth	mm	1348 x 1160 x 380			1348 x 1160 x 380		
Weight		kg	151			154		
Nominal capacity	Heating (a/b)	kW	11.2 / 11.0	14.5 / 13.6	16.0 / 15.2	11.2 / 11.0	14.5 / 13.6	16.0 / 15.2
	Cooling	kW	12.4	12.8	13.9	12.4	12.8	13.9
Nominal input	Heating (a/b)	kW	2.43 / 3.10	3.37 / 4.10	3.76 / 4.66	2.43 / 3.10	3.37 / 4.10	3.76 / 4.66
	COP	Heating (a/b)	4.61 / 3.55	4.30 / 3.32	4.26 / 3.26	4.61 / 3.55	4.30 / 3.32	4.26 / 3.26
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A++	A++	A+	A++	A++	A+
		Efficiency	156	153	149	156	153	149
		SCOP	3.98	3.90	3.80	3.98	3.90	3.80
	Space heating (Average climate) 55°C	Class	A+	A+	A+	A+	A+	A+
		Efficiency	120	123	119	120	123	119
		SCOP	3.09	3.16	3.06	3.09	3.16	3.06
EER	Cooling		2.63	4.05	3.90	2.63	4.05	3.90
Operation range	Heating	°C	-10 ~ +35			-10 ~ +35		
	Cooling	°C	10 ~ 46			10 ~ 46		
	Hot water	°C	-25 ~ +35			-25 ~ +35		
Sound pressure / power level	Heating	dBA	51 / 64	51 / 64	52 / 66	51 / 64	51 / 64	52 / 66
	Cooling	dBA	50 / 64	52 / 66	54 / 69	50 / 64	52 / 66	54 / 69
Refrigerant charge (factory)	R-410A	kg	3.40			3.40		
Power supply			1-phase / 230V / 50Hz			3-phase / 400V / 50Hz		
Recommended fuses	Outdoor unit	A	40	40	40	20	20	20
Pump	No. of speeds		Inverter controller			Inverter controller		
Expansion vessel volume		litres	10			10		
Water connections (diameter)		inches	1" (male)			1" (male)		
Max piping length OU to cylinder		m	10			10		

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:

Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)

Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)

Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)

Sound pressure level measured at 1m from the unit

Accessories:

Accessory Ref	Description	
EKRUCBL2	User interface	£100.00
EKRUCB5	Optional simplified room thermostat	£94.00
EKPCCAB4	PC cable – to upload field settings from PC to unit or spare controller	£215.00
EKRSC1	Optional remote outdoor temperature sensor (see note)	£71.00
KRCS01-1	Optional remote indoor temperature sensor (see note)	£54.00
EK2CB07CV3	Optional Wiring centre - for remote alarm monitoring, run and fault indication and bivalent operation	£252.00
UK.FF600S3A	Kit of three rubber feet to mount outdoor unit	£53.00
K.HOSE750	Pair of flexible hoses (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£80.00
K.HOSE750EL	Pair of flexible hoses with elbow (Length 750mm, 19mm tough PVC coat insulation, 1" FBSP, 28mm compression)	£114.00
K.FERNOXTF1	Fernox magnetic filter 1"	£110.00
K.FERNOXTF1FL	Fernox magnetic filter 1" and F1 inhibitor fluid (500ml)	£129.00
BRP069A62	Smart Comfort Controller	£143.00
K.ELECMETV	Electric meter for domestic RHI - Single-phase (Metering for performance compliant) MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£129.00
K.ELECMETW	Electric meter for domestic RHI - Three-phase (Metering for performance compliant) MID Class A electric meter to measure the electricity consumption of the Daikin Altherma heat pump	£230.00
EKUMBPART	3rd party tank connection kit - Dry pocket sensor	£210.00

Notes:

- Only one optional remote sensor can be installed
- Large monobloc requires to be mounted on three flexi feet
- * -10°C when not combined with Back-up heater, -25°C when connecting with back-up heater
- ** Back-up heater can be re-wired as 3kW/1ph, 6kW/1ph, 6kW/3ph or 9kW/3ph
- *** 9W models only
- For compatible cylinders, see price book

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