



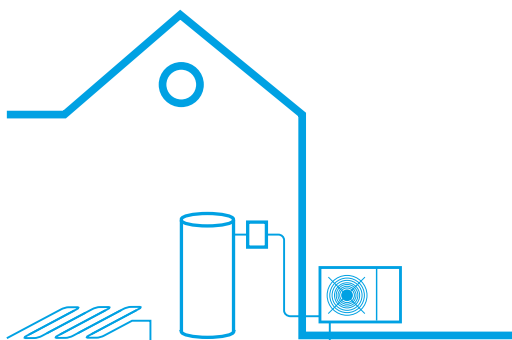
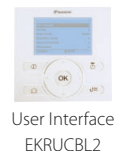
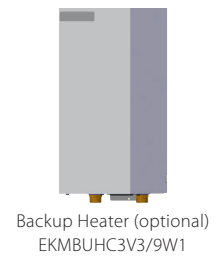
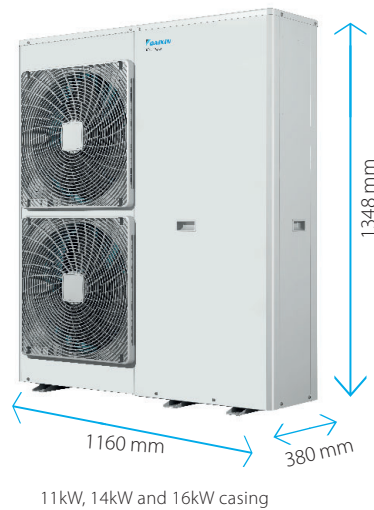
# High Capacity Monobloc

## 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<sup>++</sup>**
- › Hot water: up to\* **A<sup>+++</sup>**

\* When combined with solar thermal products



**R-410A**

EDLQ

# Daikin Altherma Monobloc



Outdoor Unit			Single Phase			3 Phase				
			EDLQ011CV3	EDLQ014CV3	EDLQ016CV3	EDLQ011CW1	EDLQ014CW1	EDLQ016CW1		
<b>Trade Unit Price</b>			<b>£2843.00</b>	<b>£3298.00</b>	<b>£3,440.00</b>	<b>£3,051.00</b>	<b>£3,506.00</b>	<b>£3,612.00</b>		
<b>User Interface (must be ordered)</b>			<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>		
<b>Description</b>			<b>11kW, 1-phase, 230V</b>	<b>14kW, 1-phase, 230V</b>	<b>16kW, 1-phase, 230V</b>	<b>11kW, 3-phase, 400V</b>	<b>14kW, 3-phase, 400V</b>	<b>16kW, 3-phase, 400V</b>		
Function			Heating Only	Heating Only	Heating Only	Heating Only	Heating Only	Heating Only		
Dimensions			1348 x 1160 x 380			1348 x 1160 x 380				
Weight			151			154				
Nominal capacity			Heating (a/b)	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	-			-			
Nominal input			Heating (a/b)	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
			Space heating (Average climate) 55°C	SCOP	3.98	3.90	3.80	3.98	3.90	3.80
				Class	A+	A+	A+	A+	A+	A+
EER			Cooling	-			-			
Operation range			Heating	-10 ~ +35			-10 ~ +35			
			Cooling	-			-			
			Hot water	-25 ~ +35			-25 ~ +35			
Sound pressure / power level			Heating	51 / 64	51 / 64	52 / 66	51 / 64	51 / 64	52 / 66	
			Cooling	-			-			
Refrigerant charge (factory)			R-410A	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			
Minimum water volume without back-up heater			litres	80			80			
Minimum water volume with back-up heater			litres	20			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

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



<b>BACK UP HEATER KIT (OPTIONAL)</b>			<b>EKMBUHC3V3</b>	<b>EKMBUHC9W1</b>
<b>Description</b>			<b>Back up heater kit (3kW)</b>	<b>Back up heater kit (3/6/9kW)</b>
<b>Trade Unit Price</b>			<b>£517.00</b>	<b>£576.00</b>
Nominal rating			3	3-6
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			1" (male)	



# Daikin Altherma Monobloc



Outdoor Unit			Single Phase			3 Phase			
			EBLQ011CV3	EBLQ014CV3	EBLQ016CV3	EBLQ011CW1	EBLQ014CW1	EBLQ016CW1	
<b>User Interface (must be ordered)</b>			<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	<b>EKRUCBL2</b>	
<b>Description</b>			<b>11kW, 1-phase, 230V</b>	<b>14kW, 1-phase, 230V</b>	<b>16kW, 1-phase, 230V</b>	<b>11kW, 3-phase, 400V</b>	<b>14kW, 3-phase, 400V</b>	<b>16kW, 3-phase, 400V</b>	
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:

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

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