

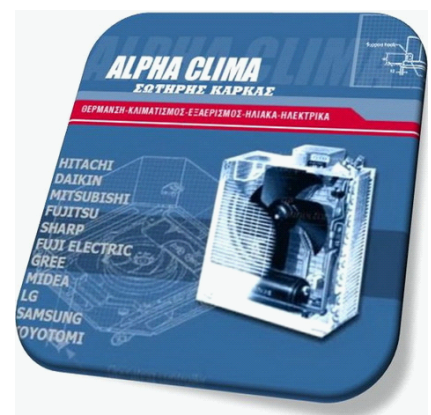


All-in-one solution  
for residential  
heating



Keep the technical equipment outside. Only cosiness stays inside.

**The new Daikin Altherma Monobloc**



Our promise...

... is to ensure that customers can depend on Daikin for the ultimate in comfort, so that they are free to focus on their own working and home lives.

We promise to dedicate ourselves to technological excellence, a design focus and the highest quality standards so that our customers can trust and rely on the comfort we deliver.

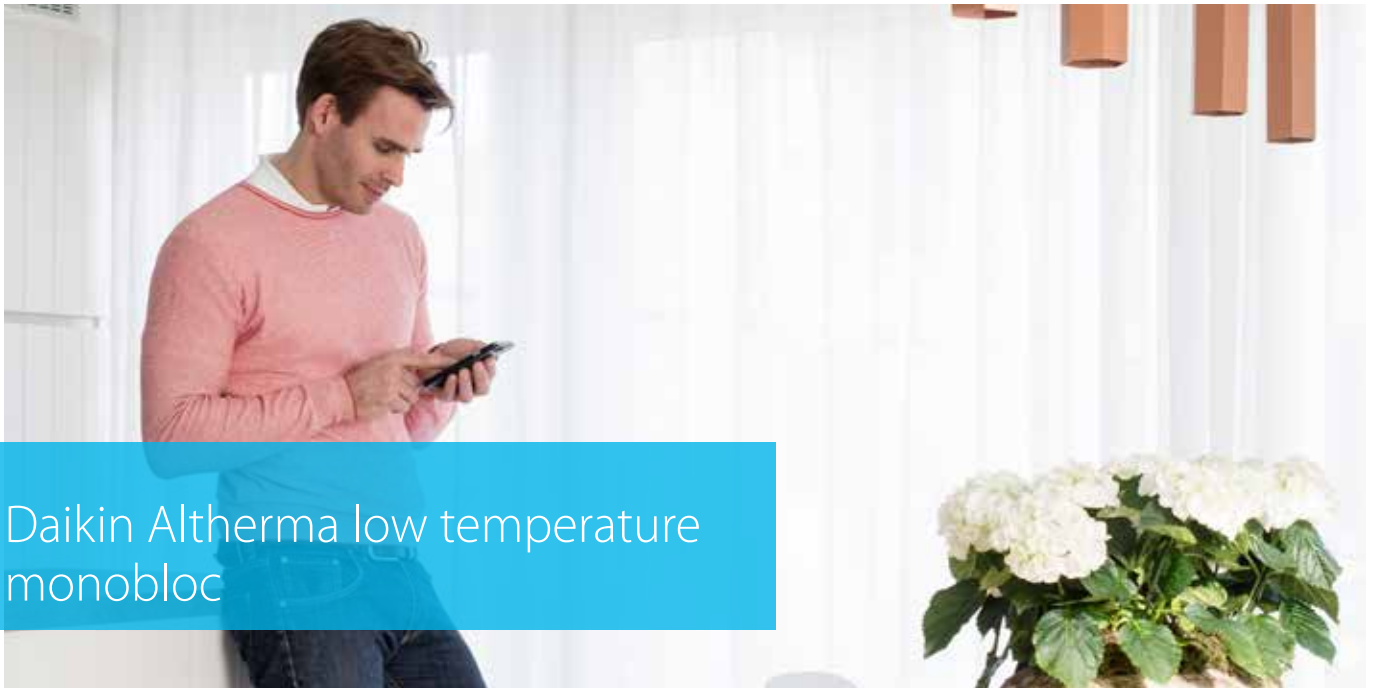
Our promise to the planet is absolute. Our products are at the forefront of low energy-usage and we will innovate to further reduce the environmental impact of our heating solutions.

From residential to collective heating solutions, from renovation to new build, we commit ourselves to answer all our customers' needs.

Our heat pump DNA combined with our in-house combustion developments positions Daikin as a leader, for now and the decades to come.

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## Daikin Altherma low temperature monobloc

The reversible air-to-water heat pump monobloc system is the ideal system for users that have limited installation space inside. Delivering cutting-edge performance within the market's most compact monobloc outdoor unit, Daikin Altherma low temperature monobloc offers heating and cooling, with an optional connection to provide domestic hot water

### A simple solution

The monobloc system combines all the features of heating and cooling (with optional domestic hot water) into one unit

- › Quiet and space-saving design that's easy to commission and install
- › All hydraulic components are combined into one outdoor unit
- › Reliable operation is guaranteed, even with outdoor temperatures as low as -25°C
- › Combine with an **ECH<sub>2</sub>O** thermal store to provide thermal support
- › Combine with a stainless steel tank for domestic hot water

### High performance

- › Improved seasonal efficiency ErP label up to A++
- › High capacity at low ambient temperatures
- › Connection to new stainless steel DHW tank (EKHWS(U)-D) with improved energy efficiency label B

### Easy installation

- › Sealed refrigerant means there is no need for refrigerant handling or F-gas qualifications
- › Key hydraulic parts reduce the risk of installation errors and need for external parts such as expansion vessel, pump or isolation valves
- › Fewer components lower the installation time and help maximise profits on the job

### Year-round reliability

- › Delivers higher heating capacity at low ambient temperatures
- › Flow temperatures up to 55°C, perfect for new build applications using UFH
- › Reliable operation is guaranteed, even with outdoor temperatures as low as -25°C
- › Equipped with optional backup heater

### Easy connection

- › The LAN adapter allows to control the unit via the heating app



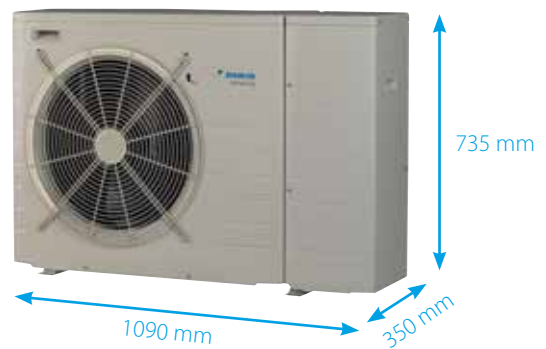
Stainless steel tank

## The 5-7 kW range of Daikin Altherma monobloc

A<sup>++</sup>

55°C

- › Back-up heater less models
- › Separate indoor wiring centre (control box)
- › Separate back-up heater kit



## The 11-16 kW range of Daikin Altherma monobloc

A<sup>++</sup>

55°C

- › Smaller casing
- › Back-up heater less models and models with 3V integrated back-up heater for maximum installation flexibility
- › 1 ph and 3 ph models
- › Reversible and heating only models
- › LAN Adapter connection
- › A<sup>++</sup> heating energy label (from G to A<sup>++</sup>)



\*-36% compared to current monobloc

# Daikin Altherma

## low temperature monobloc

Reversible air to water monobloc system, ideal when indoor space is limited

- › Compact reversible monobloc for space heating & cooling with optional domestic hot water
- › Compact heating only monobloc for space heating with optional domestic hot water
- › Fuss-free installation : only water connections required
- › Reliable operation even when -25°C outside thanks to frost protection features such as free hanging coil
- › COP up to 5



E(D/B)LQ-CV3



Single Unit				EBLQ/EDLQ	05CV3	07CV3	05CV3	07CV3
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	125			
			SCOP		3.20	3.22	3.20	3.22
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	A++			
			SCOP		4.39	4.14	4.39	4.14
			Seasonal space heating eff. class	A++				
Heating capacity	Nom.		kW	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)	
Cooling capacity	Nom.		kW	3.88(1) / 3.99(2)	5.20(1) / 5.15(2)	-	-	
Power input	Cooling	Nom.	kW	0.950(1) / 1.93(2)	1.37(1) / 2.69(2)	-	-	
	Heating	Nom.	kW	0.880(1) / 1.13(2)	1.55(1) / 2.45(2)	0.880(1) / 1.13(2)	1.55(1) / 2.02(2)	
COP				5.00(1) / 3.58(2)	4.52(1) / 3.42(2)	5.00(1) / 3.58(2)	4.52(1) / 3.42(2)	
EER				4.07(1) / 2.07(2)	3.80(1) / 2.10(2)	-	-	
Dimensions	Unit	HeightxWidthxDepth	mm	735x1,090x350				
Weight	Unit		kg	76.0	80.0	76.0	80.0	
Operation range	Heating	Water side	Min.~Max.	15 ~55.0				
	Cooling	Ambient	Min.~Max.	10.0~43.0				
		Water side	Min.~Max.	5.00 ~22.0				
	Domestic hot water	Ambient	Min.~Max.	-25.0 ~35.0				
Refrigerant	Water side	Min.~Max.	25~80					
	Type			R-410A				
	GWP			2,088				
	Charge		kg	1.30	1.45	1.30	1.45	
	Charge		TCO2Eq	2.714	3.027	2.714	3.027	
Sound power level	Heating	Nom.	dBA	61	62	61	62	
	Cooling	Nom.	dBA	63.0				
Sound pressure level	Heating	Nom.	dBA	48	49	48	49	
	Cooling	Nom.	dBA	48	50	-	-	
<b>Wiring centre</b>				<b>EKCB07CV3</b>		<b>EK2CB07CV3</b>		
Casing	Colour			White				
	Material			Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm	360x340x97.0				
Weight	Unit		kg	4.00				
<b>Back-up heater kit</b>				<b>EKMBUHC3V3</b>		<b>EKMBUHC9W1</b>		
Casing	Colour			White				
	Material			Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm	560x250x210				
Weight	Unit		kg	11.0		13.0		

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

(3) Contains fluorinated greenhouse gases

# Daikin Altherma low temperature monobloc without back-up heater

Reversible air to water monobloc system, ideal when indoor space is limited

- › Monobloc all-in-one concept including hydraulic parts
- › Separate indoor wiring center (control box)
- › LAN Adapter connection
- › Possible to combine with domestic hot water
- › Energy efficient heating only system based on air-to-water heat pump technology
- › A++ heating energy label (from G to A++)



E(D-B)LQ011-016CV3



Single Unit			EBLQ/EDLQ	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Space heating	Average climate water outlet 55°C	General	$\eta_s$ (Seasonal space heating efficiency)	120	123	119	120	123	119
			SCOP	3.09	3.16	3.06	3.09	3.16	3.06
	Average climate water outlet 35°C	General	$\eta_s$ (Seasonal space heating efficiency)	156	153	149	156	153	149
			SCOP	3.98	3.90	3.80	3.98	3.90	3.80
			Seasonal space heating eff. class	A++		A+		A++	
Heating capacity	Nom.		kW	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Cooling capacity (only applicable to EBLQ)	Nom.		kW	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)
Power input	Cooling	Nom.	kW	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)
	Heating	Nom.	kW	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
				4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)	4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)
COP				3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)	3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)
EER (only applicable to EBLQ)				3.85	3.89	3.90	3.85	3.89	3.90
SEER (only applicable to EBLQ)				3.85	3.89	3.90	3.85	3.89	3.90
Dimensions	Unit	HeightxWidthxDepth		mm					
			1,348x1,160x380						
Weight	Unit			kg				154	
Operation range (3) Heating	Ambient	Min.~Max.	°CWB		-25~35				
		Water side	Min.~Max.		°C				25~55
Operation range (3) Cooling (only applicable to EBLQ)	Ambient	Min.~Max.	°CDB		10~46				
		Water side	Min.~Max.		°C				5~22
Operation range (3) Domestic hot water	Ambient	Min.~Max.	°CDB		-25~35				
		Water side	Min.~Max.		°C				25~80
Refrigerant	Type	R-410A							
	GWP	2087.5							
	Charge	kg		3.40					
	Charge	TCO2Eq		7.10					
			Expansion valve (electronic type)						
Sound power level	Heating	Nom.	dBA	64	66	66	64	66	66
	Cooling	Nom.	dBA	64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA	51	51	52	51	51	52
	Cooling	Nom.	dBA	50	52	54	50	52	54

Wiring centre			EKCB07CV3	EK2CB07CV3
Casing	Colour	White		
	Material	Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm
			360x340x97.0	
Weight	Unit	kg		
			4.00	

Back-up heater kit			EKMBUHC3V3	EKMBUHC9W1
Casing	Colour	White		
	Material	Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm
			560x250x210	
Weight	Unit	kg		
			11.0	13.0

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) | (3) Including back-up heater and/or booster heater, see details in databook.

# Daikin Altherma low temperature monobloc with integrated back-up heater

Reversible air to water monobloc system, ideal when indoor space is limited

- › Monobloc all-in-one concept including hydraulic parts
- › Separate indoor wiring center (control box)
- › LAN Adapter connection
- › Possible to combine with domestic hot water
- › Energy efficient heating only system based on air-to-water heat pump technology
- › A++ heating energy label (from G to A++)





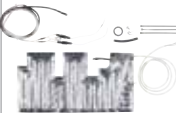
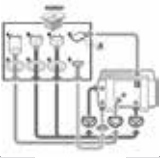










Single Unit				EBLQ/EDLQ	011C3V3	014C3V3	016C3V3	011C3W1	014C3W1	016C3W1
Space heating	Average climate water outlet 55°C	General	η <sub>s</sub> (Seasonal space heating efficiency)	120	123	119	120	123	119	
			SCOP	3.09	3.16	3.06	3.09	3.16	3.06	
	Average climate water outlet 35°C	General	η <sub>s</sub> (Seasonal space heating efficiency)	156	153	149	156	153	149	
			SCOP	3.98	3.90	3.80	3.98	3.90	3.80	
			Seasonal space heating eff. class	A+						
			Seasonal space heating eff. class	A++		A+		A++		A+
Heating capacity	Nom.		kW	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	
Cooling capacity (only applicable to EBLQ)	Nom.		kW	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)	
Power input	Cooling	Nom.	kW	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)	
	Heating	Nom.	kW	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	
COP				4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)	4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)	
EER (only applicable to EBLQ)				3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)	3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)	
SEER (only applicable to EBLQ)				3.85	3.89	3.90	3.85	3.89	3.90	
Dimensions	Unit	HeightxWidthxDepth	mm	1,348x1,160x380						
Weight	Unit		kg	151		154				
Operation range (3) Heating	Ambient	Min.~Max.	°CWB	-25~35						
		Water side	Min.~Max.	°C	25~55					
Operation range (3) Cooling (only applicable to EBLQ)	Ambient	Min.~Max.	°CDB	10~46						
		Water side	Min.~Max.	°C	5~22					
Operation range (3) Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35						
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type			R-410A						
	GWP			2087.5						
	Charge		kg	3.40						
	Charge Control		TCO <sub>2</sub> eq	7.10						
				Expansion valve (electronic type)						
Sound power level	Heating	Nom.	dBA	64	66	66	64	64	66	
	Cooling	Nom.	dBA	64	66	69	64	66	69	
Sound pressure level	Heating	Nom.	dBA	50	51	52	50	51	52	
	Cooling	Nom.	dBA	50	52	54	50	52	54	
<b>Wiring centre</b>				<b>EKCB07C3V3</b>			<b>EK2CB07C3V3</b>			
Casing	Colour			White						
	Material			Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm	360x340x97.0						
Weight	Unit		kg	4.00						

\*Note: blue cells contain preliminary data

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) | (3) Including back-up heater and/or booster heater, see details in databook.



	Type	Material name	Daikin Altherma LT monobloc			Illustration
			5-7 kW	11-16 kW BUH-less	11-16 kW with 3V BUH	
Controls	LAN adapter	BRP069A62	•	•	•	
	LAN adapter + PV solar connection	BRP069A61	•	•	•	
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1	•	•	•	
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3	•	•	•	
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2	•	•	•	
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4	•	•	•	
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5	•	•	•	
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6	•	•	•	
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7	•	•	•	
	Simplified user interface	EKRUCBSB	•			
	Room thermostat (wired)	EKRTWA	•	•	•	
Room thermostat (wireless)	EKRTR1	•	•	•		
Adapter	Digital I/O PCB	EKR11HBAA		•		
Back-up heater	Back-up heater monobloc	EKMBUHC3V3/C9W1	•	•		
	Bottom plate heater	EKBPTH16A		•		
Drain	Drain kit	EKDK04		•		
Sensor	Remote sensor for OU	EKRSCA1	•	•	•	
	External sensor	EKRSETS	•	•	•	
	Remote sensor for IU	KRCS01-1	•	•	•	
Wiring centre	Control box	EKCB07CAV3	•	•	•	
	Option box	EK2CB07CAV3	•	•	•	
By pass	Valve kit	EKMBHBP1	•	•	•	
Bizone	Bizone kit	BZKA7V3	•	•	•	
Others	Cable	EKPCCAB3	•			



# Thermal stores and tanks

## Hot water heating installation options

### Why choose a thermal store or domestic hot water tank

Whether you only need hot water or you want to combine your hot water with solar systems, we offer you the best solutions to the highest levels of comfort, energy efficiency and reliability.



Thermal store



Stainless steel tank

#### Domestic hot water tanks

##### Stainless steel tanks

##### Comfort

- › Available in 150, 180, 200, 250 and 300 litres in stainless steel EKHWS(U)-D

##### Efficiency

- › High-quality insulation keeps heat loss to a minimum
- › Efficient temperature heating: from 10°C to 50°C in only 60 minutes
- › Available as an integrated solution or separate tank

##### Reliability

- › At necessary intervals, the unit can heat up water up to 60°C to prevent the risk of bacteria growth

# ✓ The ECH<sub>2</sub>O thermal store range

## ECH<sub>2</sub>O thermal store: additional hot water comfort

Combine your monobloc with a thermal store to achieve the ultimate comfort at home.

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options

## Efficiency

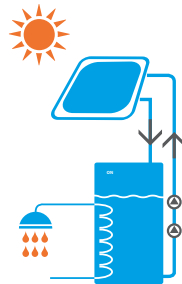
- › Fit for the future: maximise renewable energy sources
- › Intelligent Heat Storage Management: ensures continuous heating during defrost mode, and uses stored heat for space heating
- › High-quality insulation keeps heat loss to a minimum

## Reliability

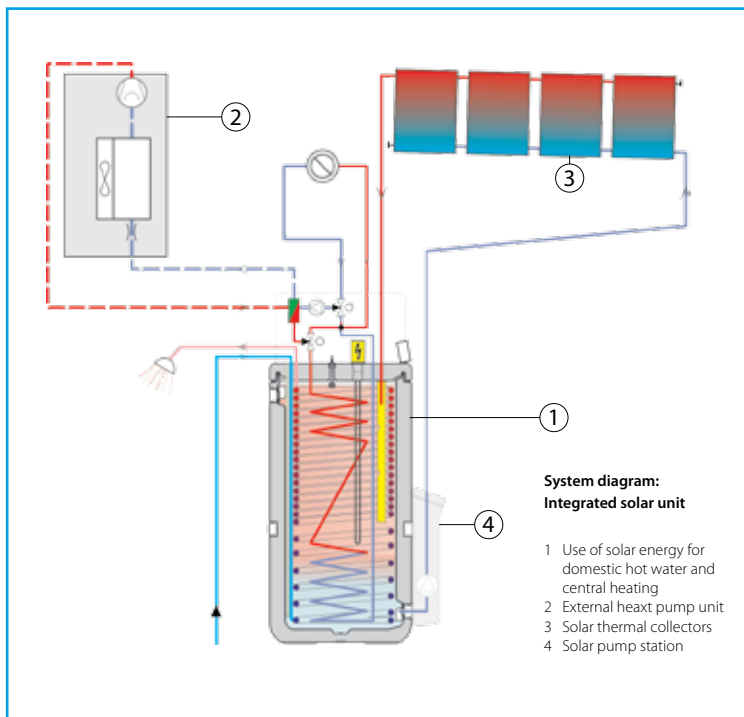
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no water loss through the safety valve

## Pressureless (drain-back) solar system

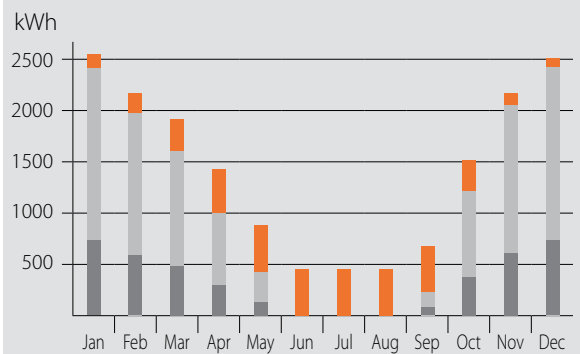
- › The solar collectors are only filled with water when sufficient heating is provided by the sun
- › The pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water
- › After filling, water circulation is maintained by the remaining pump



Drain-back solar system



## Monthly energy consumption of an average detached house



- Utilisation of solar energy for domestic hot water and central heating
- Heat pump (environmental heat)
- Auxiliary energy (electricity)

# Thermal store

## Plastic domestic hot water tank with solar support

- › Tank designed for connection with pressurised thermal solar system
- › Tank designed for connection with drainback thermal solar system
- › Available in 300 and 500 liters
- › Large hot water storage tank to provide domestic hot water at any time
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › Space heating support possible (500l tank only)




Accessory		EKHWP	300B	500B	300PB	500PB		
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)						
	Material	Impact resistant polypropylene						
Dimensions	Unit	Width	mm	595	790	595	790	
		Depth	mm	615	790	615	790	
		Height	mm	1,650	1,660	1,650	1,660	
Weight	Unit	Empty	kg	58	82	58	89	
		Water volume	l	294	477	294	477	
Tank	Material		Polypropylen					
	Maximum water temperature		°C	85				
	Insulation	Heat loss	kWh/24h	1.5	1.7	1.5	1.7	
	Energy efficiency class			B				
	Standing heat loss		W	64	72	64	72	
	Storage volume		l	294	477	294	477	
	Heat exchanger	Domestic hot water	Quantity		1			
Tube material			Stainless steel (DIN 1.4404)					
Face area		m <sup>2</sup>	5.600	5.800	5.600	5.900		
Internal coil volume		l	27.1	28.1	27.1	28.1		
Operating pressure		bar	6					
Average specific thermal output		W/K	2,790	2,825	2,790	2,825		
Charging		Quantity		1				
		Tube material		Stainless steel (DIN 1.4404)				
		Face area		m <sup>2</sup>	3	4	3	4
		Internal coil volume		l	13	18	13	18
		Operating pressure		bar	3			
Average specific thermal output		W/K	1,300	1,800	1,300	1,800		
Pressurised solar		Average specific thermal output		W/K	-	-	390.00	840.00
Auxiliary solar heating		Tube material		-	Stainless steel (DIN 1.4404)		-	Stainless steel (DIN 1.4404)
		Face area		m <sup>2</sup>	-	1	-	1
	Internal coil volume		l	-	4	-	4	
	Operating pressure		bar	-	3	-	3	
	Average specific thermal output		W/K	-	280	-	280	

# Domestic hot water tank

## Stainless steel domestic hot water tank

- › Available in 150, 180, 200, 250 and 300l
- › Energy efficiency class B
- › Low standing losses (1,08 - 1,63 kWh/24h)
- › Pre plumbed model (SU) for UK



Accessory		EKHWS(U)	150D3V3	180D3V3	200D3V3	250D3V3	300D3V3	
Casing	Colour	Neutral white						
	Material	Epoxy coated steel / Epoxy-coated mild steel						
Dimensions	Unit	Height	Tank					
	mm	1,000		1,164	1,264	1,535	1,745	
Weight	Unit	Empty						
	kg	45	50	53	58	63		
 Tank	Water volume	l	145	174	192	242	292	
	Material	Stainless steel (EN 1.4521)						
	Maximum water temperature	°C	75					
	Insulation	Heat loss	kWh/24h	1.1	1.2	1.3	1.4	1.6
	Energy efficiency class	B						
	Standing heat loss	W	45	50	55	60	68	
	Storage volume	l	145	174	192	242	292	
Heat exchanger	Domestic hot water	Quantity	1					
	Tube material	Stainless steel (EN 1.4521)						
	Face area	m <sup>2</sup>	1.050	1.400	1.800			
	Internal coil volume	l	4.9	6.5	8.2			
	Operating pressure	bar	10					
Booster heater	Capacity	kW						
Power supply	Phase/Frequency/Voltage	Hz/V						
		1~/50/230						

# Always in control

## Daikin Online Controller

The Daikin Online Controller application can control and monitor the status of your heating system and allows you to:

### Monitor

- › The status of your heating system
- › Your energy consumption graphs

### Schedule

- › Schedule the set temperature and operation mode with up to **6 actions per day for 7 days**
- › Enable **holiday mode**
- › View in intuitive mode

### Control \*\*

- › The **operation mode** and set temperature
- › Remotely control your system and domestic hot water

\*Control via the app

- › Room thermostat control for space heating and domestic hot water
- › Leaving water temperature control for domestic hot water
- › External control for domestic hot water



### Daikin Online Heating Control

The Daikin Online Control Heating app is a multifaceted programme that allows customers to control and monitor the status of their heating system.

### Main features

- › Equipped with GDPR (data protection)
- › Remote firmware update of LAN Adapter
- › Control over multiple unit locations



## EKRUCBL\*

### Control

- › Manage space heating, cooling, domestic hot water and among others, booster mode
- › User-friendly remote control with contemporary design
- › Easy to use with direct accessibility to all main functions

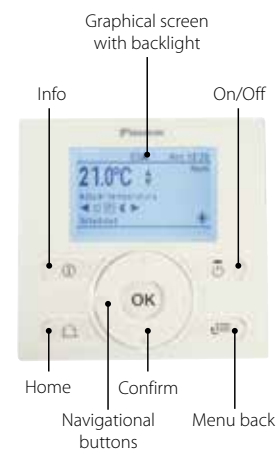
### Comfort

- › An additional user interface can include a room thermostat in the space to be heated
- › Easy commissioning: intuitive interface for advanced menu settings

\* only in combination with EKRTETS

### General features

Several languages possible depending on the model, including: English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.



## EKRTR1/EKRTWA

### Control

The LCD screen of the room thermostat presents the necessary information regarding the setting of the Daikin Altherma system.

### Comfort

An external sensor (EKRTETS) can be placed between the underfloor heating and the floor, as an alternative to the wireless room thermostat.

### General features

- › Set the temperature of the room based on measurements from the built-in or external sensor
- › Off function (with integrated frost-protection function)
- › Holiday function mode
- › Comfort and reduced function modes
- › Time (day and month)
- › Programmable weekly timer with 2 user defined and 5 preset programmes, with up to 12 actions per day
- › Keylock function
- › Set limits: the installer can change the upper and lower limits
- › Floor temperature protection



## Wired remote control for Heating



EKRUCBL

Indoor unit		EKRUCBL/EKRUCBS	1	2	3	4	5	6	7	EKRUCBS
Control systems	Class of temperature control						VI			
	Contribution to seasonal space heating efficiency	%					4.0			

EKRTWA/EKRTR

## Wired remote control for Heating



EKRTWA

EKRTR

				EKRTR	EKRTWA
Dimensions	Unit	Height/Width/Depth	mm	-/-/-	87/125/34
	Thermostat	Height/Width/Depth	mm	87/125/34	-/-/-
	Receiver	Height/Width/Depth	mm	170/50/28	-/-/-
Weight	Unit		g	-	215
	Thermostat		g	210	-
	Receiver		g	125	-
Ambient temperature	Storage	Min./Max.	°C		-20/60
	Operation	Min./Max.	°C		0/50
Temperature setting range	Heating	Min./Max.	°C		4/37
	Cooling	Min./Max.	°C		4/37
Clock					Yes
Regulation function					Proportional band
Power supply	Voltage		V	-	Battery powered 3* AA-LR6 (alkaline)
	Thermostat	Voltage	V	Battery powered 3x AA-LRG (alkaline)	-
	Receiver	Voltage	V	230	-
	Frequency		Hz	50	-
	Phase			1~	-
Connection	Type			-	Wired
	Thermostat			Wireless	-
	Receiver			Wired	-
Maximum distance to receiver	Indoor		m	approx. 30m	-
	Outdoor		m	approx. 100m	-
Control systems	Class of temperature control				IV
	Contribution to seasonal space heating efficiency	%			2.0



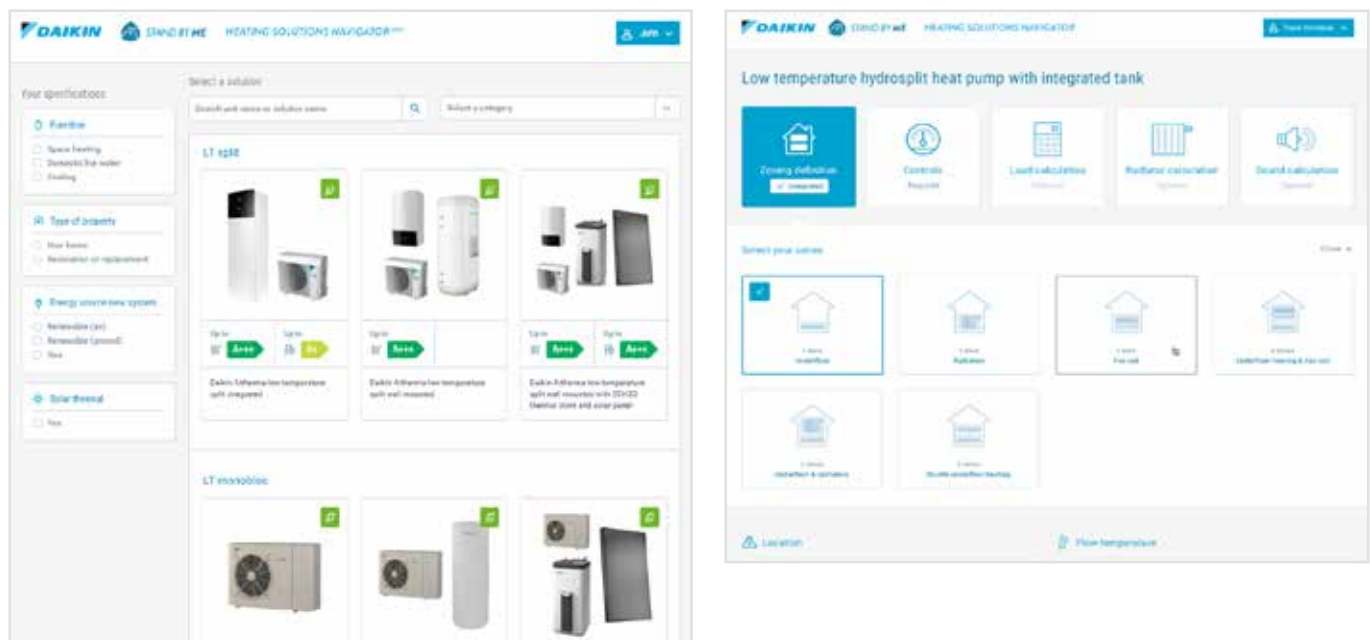


# Supporting tools

## Heating Solutions Navigator

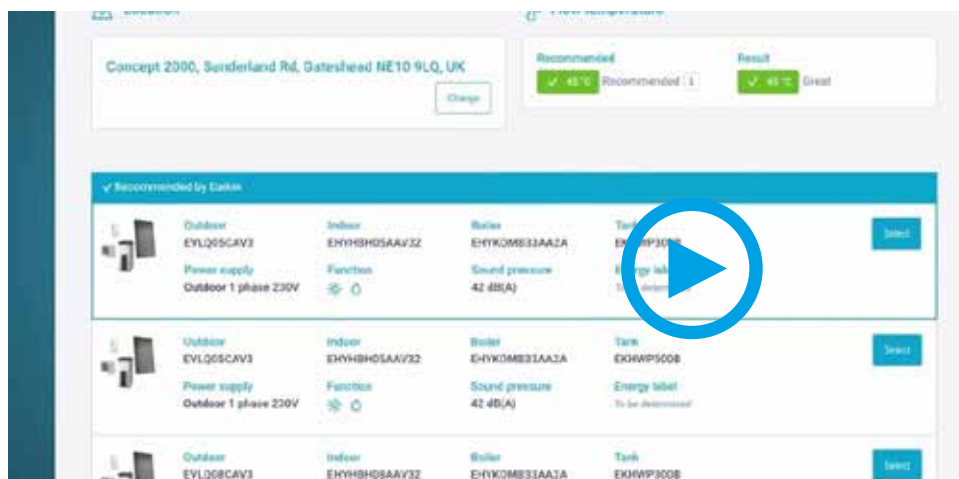
HSN provides the best fit solution for your customers home:

- › User-friendly interface showcases the wide array of Daikin Heating Solutions available
- › Estimation of the required heat load from a simple intuitive approach to a deeper detailed room-by-room calculation
- › Country specific elements are taken into account
- › Create custom made piping & wiring diagrams
- › Link to flue gas selection tool for gas based solutions
- › Set the configuration of your installation
- › Overview of all the options specifically for your installation
- › Quick link to the installation specific literature
- › Compare economic and ecological benefit of the Daikin solution against a conventional heating installation.
- › Storage of all your leads on you Stand By Me account
- › Easy conversion from lead to installation to invite your end user for extra after-sales services



Want to know more about our Heating Solutions Navigator?

- › Have a look at our video on <https://www.youtube.com/watch?v=RomRf4W6Ci8!>



# Stand By Me, my climate of security



With your customer's new Daikin installation and Stand By Me service programme, you can rest assured they are benefiting from the best comfort, energy efficiency, usability and service available on the market.

## After-sales services

Stand By Me offers after-sales services such as warranty extensions and maintenance contracts:

- warranty extension on parts and/or labour
- starts on commissioning date

## Quick follow-up by Daikin service partners

Daikin service partners are automatically linked with their customer after registration on [www.standbyme.daikin.eu](http://www.standbyme.daikin.eu).

A notification is sent when a customer purchases a maintenance contract.

Your customer is guaranteed:

- quick and reliable service
- complete installation logbook including registration documents, maintenance deadlines, repair reports etc.

## Key account portal

The key account portal is the perfect solution for large accounts:

- keep track of all your installations
- project management
- remote metering (UK only)

› For more details about the Stand By Me services in your country, contact your local Daikin office.

## Business portal

- › Learn more about Daikin's units on our extranet portal: [my.daikin.eu](http://my.daikin.eu)
- › Receive information in a matter of seconds using our powerful search tool
- › Customise search options to only see information that is relevant for you
- › Accessible via a mobile device or computer

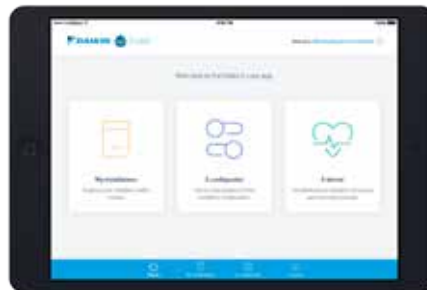


[my.daikin.eu](http://my.daikin.eu)

## E-care app <sup>NEW</sup>

### All-in-one app for the dealer

- › Register your installation on Stand By Me via simple **QR code** scanning
- › Quick configuration of your heat pump in **only 7 steps**
- › Diagnosis of malfunction by QR code scanning and error code input





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ECPEN18-723A

05/18

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Printed on non-chlorinated paper.