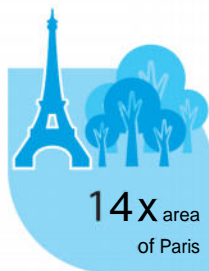




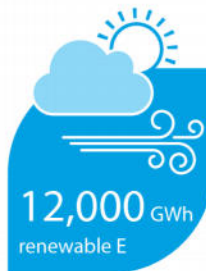
10 years Daikin Altherma

A decade of comfort

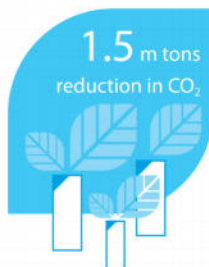
Eco-friendly technology
We saved as much CO₂ as
a forest 4 times the size of Paris
would consume



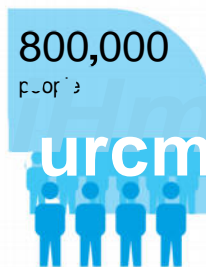
Sustainable energy production
We produced 12,000 GWh
of renewable energy



Low emission levels
We reduced our CO₂ emissions
by 1.5 million tons



A growing community
We provided 800,000 people with
responsible heating, hot water
and cooling



Heating

Why choose a Daikin heating system?	20	Thermal Stores	60
ECH ₂ O range	22	EKHWP-B/PB	60
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Daikin Altherma hybrid heat pump	30	Domestic hot water tanks	62
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Daikin Altherma ground source heat pump	32	EKHWE(T)-A3V3/Z2	62
EGSQH-A9W	33	Room thermostat	63
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EHSB-B / ERLQ-CV3/W1	36	EKRTR	63
EHSB-B / ERLQ-CV3/W1	37	EKTRW	63
EHSX-B / ERLQ-CV3/W1	38	Daikin heat pump convector	64
EHSXB-B / ERLQ-CV3/W1	39	FWXV-A	64
EHVH-CB / ERLQ-CV3/CW1	40	Daikin Altherma high temperature split	66
EHVH-CB / ERHQ-BV3/BW1	41	EKHBRD-AD / ER(R/S)Q-A	68
EHVX-CB / ERLQ-CV3/W1	42	Thermal Stores	69
EHVX-CB / ERHQ-BV3/W1	43	EKHWP-B/PB	69
EHVZ-CB3V / ERLQ-CV3/W1	44	Solar connection	70
EHVZ-CB3V / ERHQ-BV3/W1	45	EKS(V/H)-P	70
ITran EHVH-CBV / ERLQ-CV3/W1	46	EKSRDS2A / EKSRPS4A	70
RUM EHVH-CBV / EREIQ-BV3/BW1	47	Domestic hot water tanks	71
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EHBH-CB / ERLQ-CV3/W1	50	EKHVM(R/Y)D-AB	73
EHBH-CB / EREIQ-BV3/W1	51	EKHBRD-ADV1/Y1	74
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IMIT EHBH-CBV / ERLQ-CV3/W1	54	EKHWP-B	76
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E(B/D)LQ-CV3 / EK(2)CB-CV3 / EKMBUH3V3/9W1	57	Daikin heat pump convector	77
EB(L/H)Q-BB6V3/W1	58	FWXV-A	77
ED(L/H)Q-BB6V3/W1	59	Domestic hot water heat pump	78
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		Gas condensing boilers	80
		RIS? D2CND/D2TND-A1/4A	81
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		Options & accessories	84

All-in-one heating comfort for residential & commercial applications

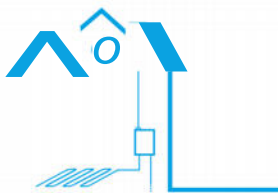
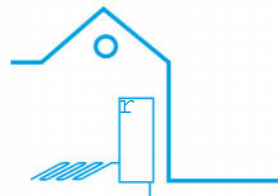


Why choose a Daikin heating system?

- More than **50 years of experience** in heat pumps
- Innovative heating technologies to **reduce running costs** and optimise renewable energy usage
- Research and development **in Europe for Europe**
- A solution for any application
- Combinable with **all kinds of heat emitters**
- **Always in control, no matter where you are with an app**



Control via app



Solutions for space heating and domestic hot water

Air to water heat pump technology: extracting heat from the outside air

- > Guaranteed heating capacity down to -25°C: no need to worry in winter time
- > Solar connection possible for electricity and domestic hot water support to optimise renewable energy use

Hybrid heat pump technology: gas condensing technology combined with air-to-water technology

- > Most economical operation mode is selected depending on energy prices, outdoor temperature and internal heat load
- > Optimisation of both technologies

Ground to water heat pump technology: extracting heat from the ground

- > Ideal for climates where the average winter ambient temperature drops below 3°C
- > High seasonal efficiency thanks to stable underground temperatures

Gas condensing technology:

- > Low costs for **both** heating and hot water thanks to new dual heat exchanger
- > Easy installation in minimum space by using our optional pre-assembled B-pack which contains all the components for the functional installation in one module and fits behind the boiler



Optimal comfort ... all combined into one system

- › Heating
- › Domestic hot water with optional solar support
- › Cooling
- › Easy control

A solution for any application

- › New build
- › Low energy houses
- › Renovation of complete heating system
- › Renovation without changing radiators/piping
- › Bivalent solution: combination of current heating system with Daikin heating system

Combinable with all kinds of heat emitters

Depending on the needs of your customer, you can select a system combinable with

- › Under floor heating
- › Heat pump convectors
- › Low temperature radiators
- › High temperature radiators (up to 80°C)

Solutions for domestic hot water only

Air to water technology: extracting heat from the outside air to heat up the water.

- › Perfect solution when replacing an electric domestic hot water tank
- › Ideal to combine with a drain-back or pressurised solar system to optimise energy savings
- › Water temperatures of up to 55°C with heat pump operation only



Always in control, no matter where you are*

- › App control with Daikin's online controller
 - › to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
 - › to keep an eye on your energy consumption



Utilise renewable energy to create a self-sustaining heating system*

- › thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- › photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump

* Applicable for Daikin Altherma hybrid heat pump, low temperature split and 5-8kW monobloc, ground source heat pump and domestic hot water heat pump

ECH20 range domestic hot water comfort, fit for the future

Domestic hot water is key to your home comfort. DAIKIN's ECH₂O range of thermal stores is fit for the future. Easy to install, you can rely on this high quality DAIKIN product for instantaneous domestic hot water at any time. Combinable with solar energy, ECH₂O guarantees high (energy) efficiency, while maintaining full hygiene standards and safety. Finding the most efficient way for hot water, is our business. That is as clear as water for DAIKIN.

The benefits

Additional domestic hot water comfort

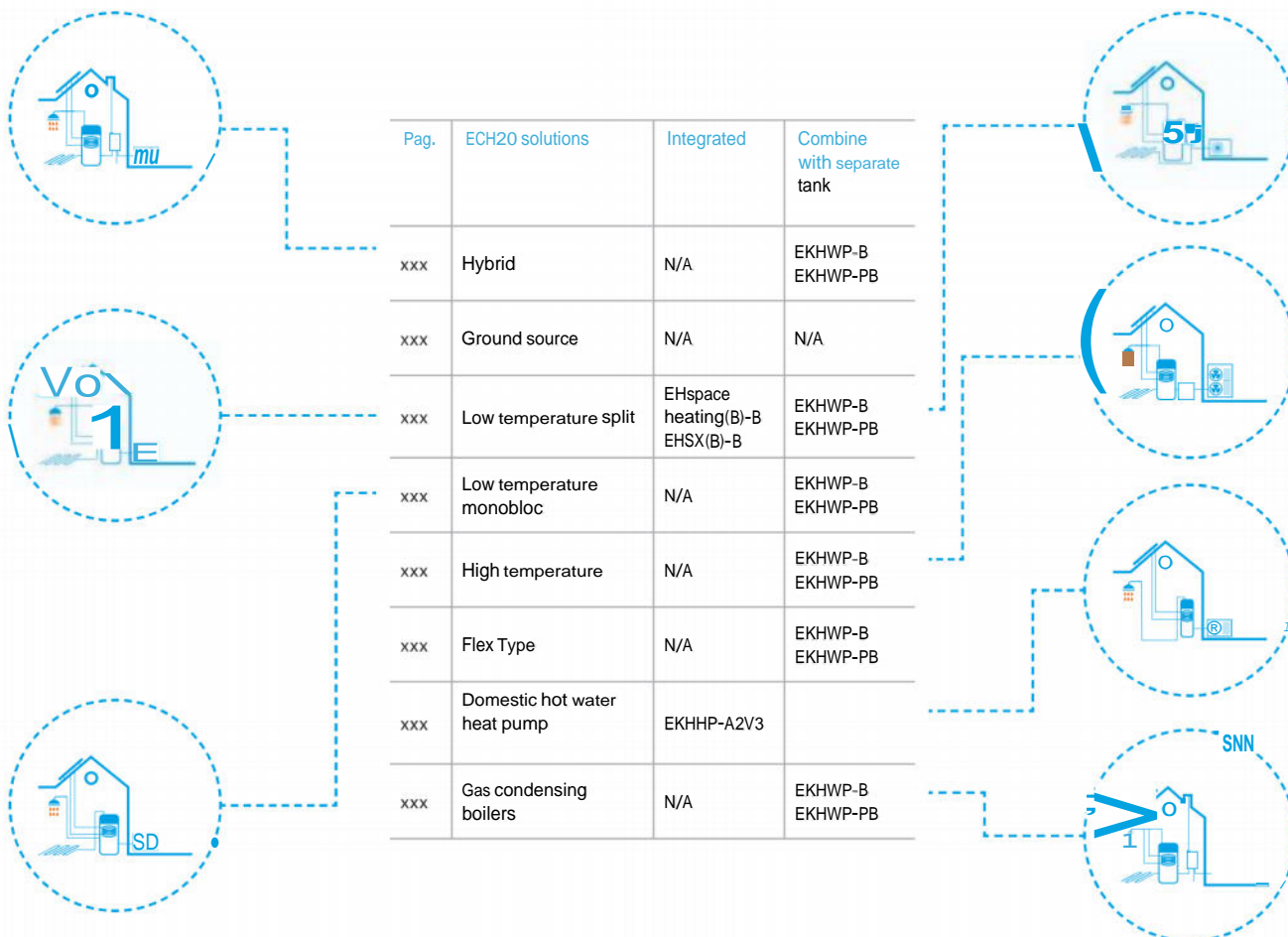
- > Fresh water principle
domestic hot water production on demand – always fresh water
Minimum volume of stored domestic hot water, no risk of contamination & sedimentation
- > Optimal Domestic hot water performance
Tapping performance for optimum domestic hot water comfort
Slow temperature evolution avoiding sudden temperature drops

Flexible installation options

- > Easy cascade
Easy connections of multiple heat pumps - working as one
- > Lightweight & robust
Easy handling, even the 500l storage tank

Fit for future : included today, activated 'tomorrow'

- > Smart grid ready
Space heating + domestic hot water at lowest energy tariffs and energy storage
- > Integrated solar energy: solar thermal or PV energy
For maximum use of renewable energy in space heating & domestic hot water
Maximised usage of self produced thermal energy or electricity
- > Integration of other heat sources
In new built : fire place, water pocket
In renovation: existing boiler



Online controller

BRP069A61/62

Always in control, no matter where you are



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
- > Consult **energy consumption graphs**
- > The power consumption

Schedule:

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

Control:

- > The **operation mode** and set temperature
- > Remotely control your system and domestic hot water
- > **Zone control:** control **multiple** units at once (Daikin Altherma integrated bi-zone only)
- > 3rd party products & services integration via IFTTT



IFTTT: make your work flow

IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

Within IFTTT, 2 operation set-ups can be made:

- > DO: it simply executes an action (e.g.: on/off)
- > IFTTT stands for IfThisThen That and allows you to automate actions (Then That) depending on certain triggers (IfThis)

Example

IF you exit an area, **THEN** turn off the heating.

The trigger is location, which is determined by your smartphone. If you leave an area, such as your house for example, your heating will turn off automatically.





EHVH(X)-CB



EBLQ-CV3



ERLO-CV3



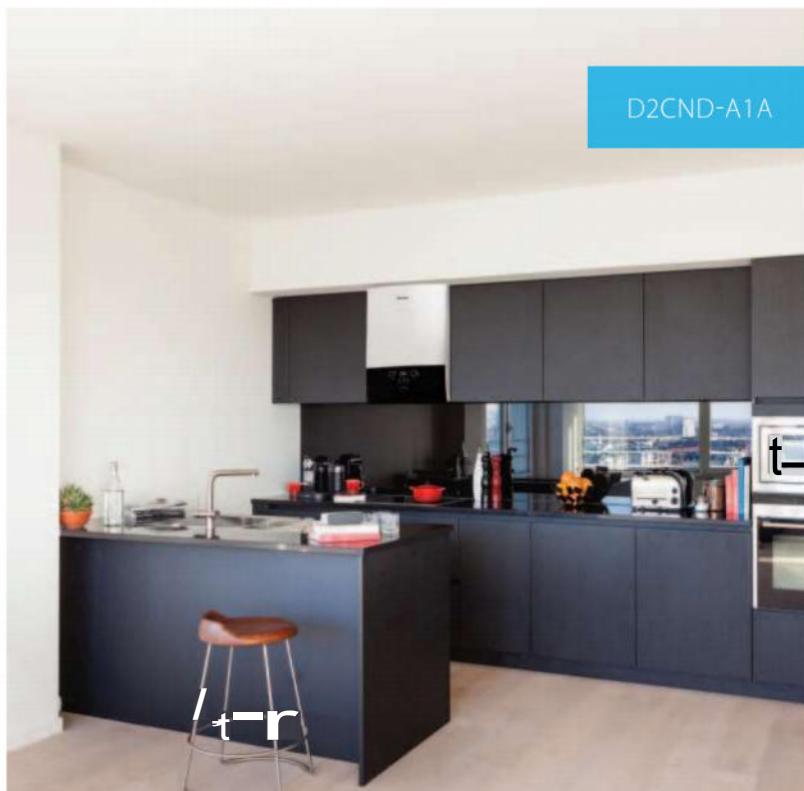
EHBH(X)-CB



EGSQH-A9W



BRP069A61/62






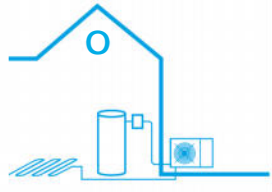
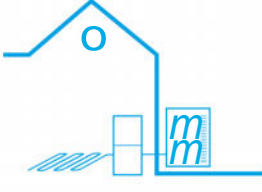
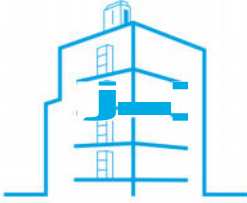
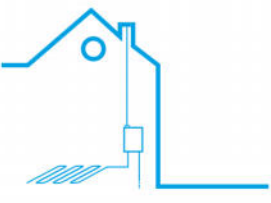
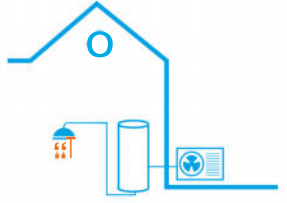


D2CND-A1A

Products overview

Solutions for heating and domestic hot water

	Hybrid technology	Ground-to-water technology	
Solutions	Daikin Altherma hybrid heat pump	Daikin Altherma ground source heat pump	Daikin Altherma low temperature split
Different technologies			
Energy label	<ul style="list-style-type: none"> › heating: up to A⁺⁺ › hot water: A 	<ul style="list-style-type: none"> › heating: UE › hot water: A 	<ul style="list-style-type: none"> › heating: A⁺⁺ › hot water: up to A⁺⁺
Applications	<ul style="list-style-type: none"> › Ideal for replacement of a gas boiler 	<ul style="list-style-type: none"> › Suitable for new houses and for renovations 	<ul style="list-style-type: none"> › Ideal for new houses, low energy houses or together with an existing boiler (bivalent)
Functionalities	<ul style="list-style-type: none"> › Space heating › Domestic hot water › Cooling › Solar connection for hot water production › Solar connection for electricity production (photovoltaic) › Online controller  	<ul style="list-style-type: none"> › Space heating › Domestic hot water › Solar connection for electricity production (photovoltaic) › Online controller  	<ul style="list-style-type: none"> › Space heating › Domestic hot water › Cooling › Solar connection for hot water production › Solar connection for electricity production (photovoltaic) › Online controller*  <p>* not available on E(D/B)(L/H)Q011-016BB6V3/W1</p>
Installation	<ul style="list-style-type: none"> › 1 indoor unit + 1 gas condensing boiler › 1 outdoor unit 	<ul style="list-style-type: none"> › 1 indoor unit 	<ul style="list-style-type: none"> › 1 indoor unit › 1 outdoor unit
Different emitters	<ul style="list-style-type: none"> › Under floor heating › Low and high temperature radiators 	<ul style="list-style-type: none"> › Underfloor heating › Fan coil units › Heat pump convactor › Low and high temperature radiators 	<ul style="list-style-type: none"> › Underfloor heating › Low temperature radiators › Fan coil units › Heat pump convactor

Solutions for heating and domestic hot water				Solution for domestic hot water only
Air-to-water technology		Combustion		
Daikin Altherma inverter ZSR	hHIS52SS*	Daikin Altherma Flex Type	Gas condensing boiler	Domestic hot water heat pump
				
				
	<ul style="list-style-type: none"> > heating: A > hot water: B 	<ul style="list-style-type: none"> > heating: A > hot water: A 	<ul style="list-style-type: none"> > heating: A > hot water: A 	<ul style="list-style-type: none"> > hot water: A
	<ul style="list-style-type: none"> > Ideal for replacement of a traditional boiler 	<ul style="list-style-type: none"> Ideal for large hot water and heating requirements in <ul style="list-style-type: none"> > Apartments > Collective housing > Hotels > Fitness > Spa > Schools > Hospitals > Libraries 	<ul style="list-style-type: none"> > Ideal for replacement of an existing gas boiler 	<ul style="list-style-type: none"> > Ideal for replacement of an electric domestic hot water tank
	<ul style="list-style-type: none"> > Space heating > Domestic hot water > Solar connection for hot water production 	<ul style="list-style-type: none"> > Space heating > Domestic hot water > Cooling (Heat recovery) 	<ul style="list-style-type: none"> > Space heating > Domestic hot water 	<ul style="list-style-type: none"> > Domestic hot water > Solar connection for hot water production
<ul style="list-style-type: none"> > 1 outdoor unit 	<ul style="list-style-type: none"> > 1 indoor unit > 1 outdoor unit 	<ul style="list-style-type: none"> > Several indoor units > 1 or more outdoor units 	<ul style="list-style-type: none"> > 1 indoor unit 	<ul style="list-style-type: none"> > 1 indoor unit > 1 outdoor unit
	<ul style="list-style-type: none"> > High temperature radiators 	<ul style="list-style-type: none"> > Underfloor heating > Low temperature radiators > Fan coil units > Heat pump convector 	<ul style="list-style-type: none"> > Underfloor heating > Radiators 	<ul style="list-style-type: none"> > Tap water

Combination tables

Hybrid					Ground source	Domestic hot water	Gas condensing boiler							
Heat pump - wall mounted				Gas condensing boiler	EGSQH-A9W	EKHHP-A2V3		EKOMB-AH			EKOMBG-A			D2CND/ D2TND-A1/4A
EHYHBH-AV32		EHYHBX-AV3		EHYKOMB-AA2 EHYKOMB-AA3		300	500	22	28	33	22	28	33	
05	08	05	08	33	10518	ERWQ-AV3								
	EVLQ-CV3		EVLQ-CV3			02								
	•	•		•	•			•	•	•	•	•	•	•
			•	•										
	pre-heated by heat pump		pre-heated by heat pump		flow-through principle	Integrated	Integrated Drainback / Pressured							
	BRP069A61/62				BRP069A61/62	BRP069A61/62								BRP069A45/46

Low temperature split

	Wall mounted				Wall mounted				Floor standing				Floor standing				Floor standing													
	EHBH-CB				EHBX-CB				EHVH-CB				EHVX-CB				EHSB-B													
	4	8	11	16	4	8	11	16	4	8	11	16	4	8	11	16	4	8	11	16	4	8	11	16						
	ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1		ERLQ-CV3		ERLQ-CV3/ CW1											
	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16
	ERHQ-BV3/BW1				ERHQ-BV3/BW1				ERHQ-BV3/BW1				ERHQ-BV3/BW1				ERHQ-BV3/BW1													
	11				14				16				11				14				16									
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Drainback	EKHWP300-500B	EKHWP500B			EKHWP300-500B	EKHWP500B			-				-				Integrated													
Pressured	EKHWP300-500PB	EKHWP500PB			EKHWP300-500PB	EKHWP500PB			-				-				-													
	EKHWS150-300B EKHWE150-300A				EKHWS150-300B EKHWE150-300A				Integrated				Integrated				-													
	BRP069A45/46				BRP069A61/62				BRP069A61/62				BRP069A61/62				EHSI57056													
	BRP069A45/46				BRP069A61/62				BRP069A61/62				BRP069A61/62				Integrated													

Heating only
 Heating and cooling
 Domestic hot water
 Thermal solar connection

Flex Type

High temperature

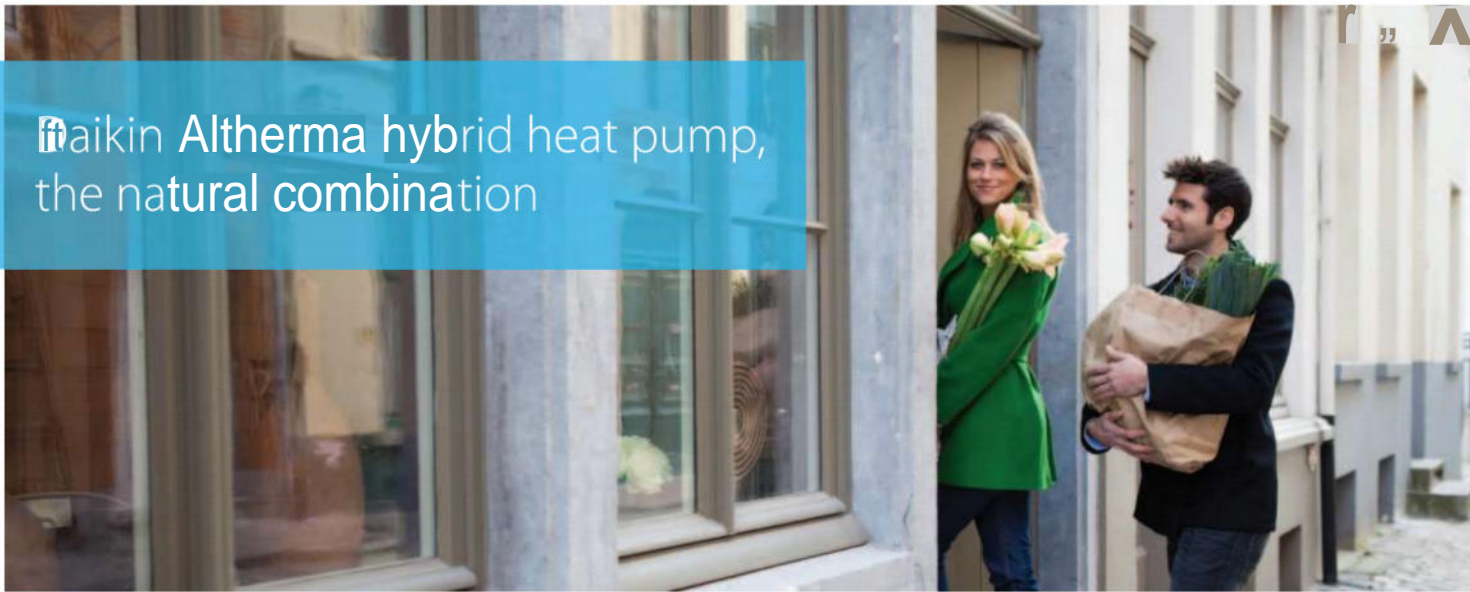
Flex Type												High temperature																	
EKHBRD-ADV1						EKHVMRD-AB						EKHVMYD-AB						EKHBRD-ADV1											
KW				11		14	16					11		14	16					11		14	16				11	14	16
# -15°	EMRQ-A						EMRQ-A						EMRQ-A						# -20°	ERRQ-AV1	ERRQ-AY1								
HP	8	10		12	14	16	8	10		12	14	16	8	10		12	14	16											
KW																													
#	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
ffi													•	•	•	•	•	•											
	EKHWP-B	300-500						300-500						300-500						300-500									
	EKHWP-PB	300-500						300-500						300-500						300-500									
	EKHTS-AC	200-260						200-260						200-260						200-260									
		-						-						-						-									

Low temperature monobloc

Floor standing						Floor standing						Floor standing					
EHSX-B						EHSXB-B Bivalent						EHSXB-B Bivalent					
4	8	11	16	4	8	11	16	4	8	11	16	4	8	11	16		
ERLQ-CV3		ERLQ-CV3/ CW1				ERLQ-CV3		ERLQ-CV3/ CW1				ERLQ-CV3		ERLQ-CV3/ CW1			
4	6	8	11	14	16	4	6	8	11	14	16	4	6	8	11	14	16
												ERHQ-BV3/ BW1					
												11	14	16			
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Integrated						-						-					
-						Integrated						Integrated					
-						-						-					
EHSI57056						EHSI57056						EHSI57056					
Integrated						Integrated						Integrated					

Low temperature monobloc																											
EDLQ-CV3		EDLQ-BB6V3 EDLQ-BB6W1		EDLQ-CV3		EBLQ-BB6V3 EBLQ-BB6W1		EDLQ-CV3		EBLQ-BB6V3 EBLQ-BB6W1		EDLQ-CV3		EBLQ-BB6V3 EBLQ-BB6W1													
5	7	11	14	16	5	7	11	14	16	5	7	11	14	16													
# -15°							EDHQ-BB6V3 EDHQ-BB6W1						EBHQ-BB6V3 EBHQ-BB6W1														
# -15°	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										
	EKHWP-B	300-500	500	300-500	500																						
	EKHWP-PB	300-500	500	300-500	500																						
	EKHS-B EKHWE-A	150-200-300				150-200-300																					
	BRP069A61/62	•	•			•	•																				
%																											

- Online controller
- Photovoltaic connection



Daikin Altherma hybrid heat pump, the natural combination

Why choose Daikin Altherma hybrid heat pump?

- **Low running costs** for heating and domestic hot water compared to traditional boilers
- Low investment cost
- **Ideal for renovation** applications with 27 kW gas boiler and 5 or 7 kW heat pump
- Easy and fast installation

Low running costs

1. Space heating

Daikin Altherma hybrid heat pump smartly chooses between the heat pump and/or the gas boiler, possibly in simultaneous operation based on

- > energy prices
- > outdoor temperature
- > the internal heat load

always selecting the most economical mode to operate.



Gas condensing boiler

2. Domestic hot water: heated using gas condensing technology

- > Efficiency increase of up to 10-15% compared to traditional gas condensing boilers thanks to a special dual heat exchanger:
- > cold tap water flows directly into the heat exchanger
- > optimal and continuous condensing of the flue gases during domestic hot water preparation

Low investment cost

- > No need to replace the existing radiators (up to 80°C) and pipe work
- > Compact dimensions: space needed for the new system is very similar to that of an existing system

Ideal for renovation applications

- > All heat loads are covered up to 27 kW

Easy and fast installation: 3 components

- > Heat pump outdoor unit
- > Heat pump indoor unit
- > Gas condensing boiler



Heat pump indoor unit

Always in control, no matter where you are

- > App control with Daikin's online controller
 - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
 - » to keep an eye on your energy consumption



Control via app



Utilise renewable energy to create a self-sustaining heating system

- > thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- > photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump

Daikin Altherma hybrid heat pump

Hybrid technology combining gas and air to water heat pump for heating and hot water

- › Daikin Altherma hybrid heat pump combines air-to-water heat pump technology with gas condensing technology
- › Depending on outdoor temperature, energy prices and internal heat load, Daikin Altherma hybrid heat pump always selects the most economical mode to operate
- › Low investment cost: no need to replace the existing radiators (up to 80°C) and pipe work
- › Provides sufficient heat in renovation applications as all heat loads are covered up to 32kW
- › Easy and fast installation thanks to the compact dimensions and quick interconnections
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data		EHYHBH/EHYHBX + EVLQ		05AV32 + 05CV3	08AV32 + 08CV3	08AV3 + 08CV3
Space heating	Average climate water outlet 55°C	General	SCOP rjs (Seasonal space heating efficiency)	3.28	3.24	3.29
	Average climate water outlet 35°C	General	Seasonal space heating eff. class	128	127	129
Domestic hot water heating	General	Declared load profile			XL	
	Average climate	Average climate	Water heating energy efficiency class		95.8	A
Heating capacity	Nom.		kW	4.40 (1) / 4.03 (2)	7.40 (1) / 6.89 (2)	7.40 (3) / 6.89 (4)
Cooling capacity	Nom.		kW	-	-	6.86 (4) / 5.36 (4)
Power input	Heating	Nom.	kW	0.870 (1) / 1.13 (2)	1.66 (1) / 2.01 (2)	1.66 (3) / 2.01 (4)
	Cooling	Nom.	kW	-	-	2.01 (3) / 2.34 (4)
COP				5.04 (1) / 3.58 (2)	4.45 (1) / 3.42 (2)	4.45 (3) / 3.42 (4)
EER				-	-	3.42 (3) / 2.29 (4)

Indoor Unit		EHYHBH/X		05AV32	08AV32	08AV3	EHYKOMB33AA2	EHYKOMB33AA3
Central heating	Heat input Q _{in} (net calorific value)	Nom	Min-Max	kW	-	-	7.6 / 6.2 / 7.6-27 / 22.1 / 27	
	Output P _h at 80/60°C	Min-Nom		kW	-	-	8.2 / 6.7 / 8.2-26.6 / 21.8 / 26.6	
	Efficiency	Net calorific value		%	-	-	98 / 107	
	Operation range	Min/Max		°C	-	-	15/80	
Domestic hot water	Output	Min-Nom		kW	-	-	7.6-32.7	
	Water flow	Rate	Nom	l/min	-	-	9.0 / 15.0	
	Operation range	Min/Max		°C	-	-	40/65	
Gas	Connection	Diameter		mm	-	-	15	
	Consumption (G20)	Min-Max		m ³ /h	-	-	0.78-3.39	
	Consumption (G25)	Min-Max		m ³ /h	-	-	0.90-3.93	
	Consumption (G31)	Min-Max		m ³ /h	-	-	0.30-1.29	
Supply air	Connection			mm	-	-	100	
	Concentric				-	-	Yes	
Fluegas	Connection			mm	-	-	60	
Casing	Colour				White		White - RAL9010	
	Material					Precoated sheet metal		
Dimensions	Unit	HeightxCasingxIntegrated on indoor unitxWidth		mm	902x450x164		710x-x450x240	820x-x490x270
Weight	Unit	Empty		kg	30	31.2	36	
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/230	
Electrical power	Max.			W			55	
consumption	Standby			W			2	
Operation range	Heating	Ambient	Min.-Max.	°C		-25=25		
		Water side	Min.-Max.	°C		25=55		
	Cooling	Ambient	Min.-Max.	°CDB			10-43	
		Water side	Min.-Max.	°C			5-22	

Notes: For water circuit central heating, safety valve: refer to EHYHB*

Outdoor Unit		EVLQ		05CV3	08CV3
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307	
Weight	Unit		kg	54	56
Compressor	Quantity			1	
	Type			Hermetically sealed swing compressor	
Operation range	Heating	Min.-Max.	°CWB	-25=25	
	Refrigerant	Type		R-410A	
	GWP			2,087.5	
	Charge		TCO2eq	3.0	3.3
			kg	1.5	1.6
	Control			Expansion valve (electronic type)	
Sound power level	Heating	Nom.	dBA	61	62
Sound pressure level	Heating	Nom.	dBA	48	49
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230	
Current	Recommended fuses		A	20	

(1) Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (DT=5°C) (3) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (4) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)



Daikin Altherma ground source heat pump

Why choose Daikin?

The simple answer is that it is more efficient than an on/off ground source heat pump. Thanks to high efficiencies resulting from our **inverter technology**, the Daikin Altherma ground source heat pump provides a **leading edge performance**.



Highest seasonal efficiency thanks to our inverter heat pump technology

The Daikin inverter heat pump technology has been shown to provide an increase in seasonal efficiency of up to 20% when compared to traditional on/off ground source heat pumps. Higher brine temperatures during continuous compressor operation, in partial load conditions Less back up heater operation thanks to the boosting of the inverter compressor frequency.

Quick and easy installation including a domestic hot water tank

Installation time is reduced up to 5 hours thanks to the compact designed unit that includes both the space heating and the brine expansion vessel.

Flexibility covering multiple house types

Providing a solution which can cover heat loads from 3-12 kW means replacement of a 6 to 12 kW range is possible with one single unit. This is not only a flexible solution but also space saving.

No affected surroundings

Very limited outdoor space is required, except for the necessary space to prepare the excavation works.

Always in control, no matter where you are

- > App control with Daikin's online controller
 - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
 - » to keep an eye on your energy consumption



Control via app



Utilise renewable energy to create a self-sustaining heating system

- > thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- > photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump

Daikin Altherma ground source heat pump

Ground source heat pump for heating & 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
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption



Indoor Unit				EGSQH	10S18A9W
	Average climate water outlet 55°C	General	η_{s} (Seasonal space heating efficiency)	%	144
			Seasonal space heating eff. class		A++
	Average climate water outlet 35°C	General	η_{s} (Seasonal space heating efficiency)	%	202
			Seasonal space heating eff. class		A++
	General	Declared load profile		L	
	Average climate	η_{wh} (water heating efficiency)	%	93.1	
		Water heating energy efficiency class		A	
Heating capacity	Min.		kW	3.11 (1) / 2.47 (2)	
	Nom.		kW	10.2 (1) / 9.29 (2)	
	Max.		kW	13.0 (1) / 11.9 (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		i	180	
	Insulation	Heat loss	kWh/24h	1.36	
	Corrosion protection			Anode	
Operation range	Domestic hot water	Water side		-	
Refrigerant	Type			R-410A	
	GWP			2,087.5	
	Charge		TCO _{2eq}	3.76	
			kg	1.80	
	Control			Electronic expansion valve	
Sound power level	Nom.		dBA	46.0	
Sound pressure level	Nom.		dBA	32.0	
Power supply	Name/Phase/Frequency/Voltage		Hz/V	9W/3~/50/400	
Current	Recommended fuses		A	25	

(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) (3) Contains fluorinated greenhouse gases

Daikin Altherma low temperature The natural choice



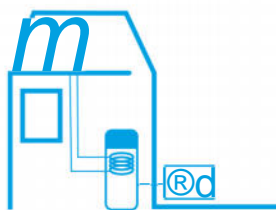
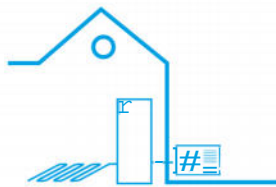
Why choose Daikin Altherma low temperature?

Daikin Altherma low temperature offers a wide range to adapt to your customer's needs.

- Ideal for **new builds**
- Heating, domestic hot water and cooling with optional solar support
- Capacities from 4 to 16 kW
- Combinable with **underfloor heating**, heat pump convectors and low temperature radiators
- Easy control
- **Flexible solutions:** split floor standing, split wall mounted, monobloc
- **Control via app**



Control via app



Daikin Altherma low temperature split

- › **Best seasonal efficiencies providing the highest savings on running costs**
- › **Perfect fit for new builds, as well as for low-energy houses**

Floor-standing unit with integrated domestic hot water tank

Compact and yet 100% comfort guaranteed

- › All components and connections factory-mounted
- › Very small installation footprint required
- › Minimum electrical input with constantly available hot water
- › Bi-zone option: two temperature zones automatically regulated by the same indoor unit

Integrated solar unit and domestic hot water tank

Maximising renewable energy with top comfort for hot water preparation

- › Solar support for domestic hot water
- › Lightweight plastic tank
- › Bivalent option: can be combined with a secondary heat source
- › App control available

Wall mounted unit

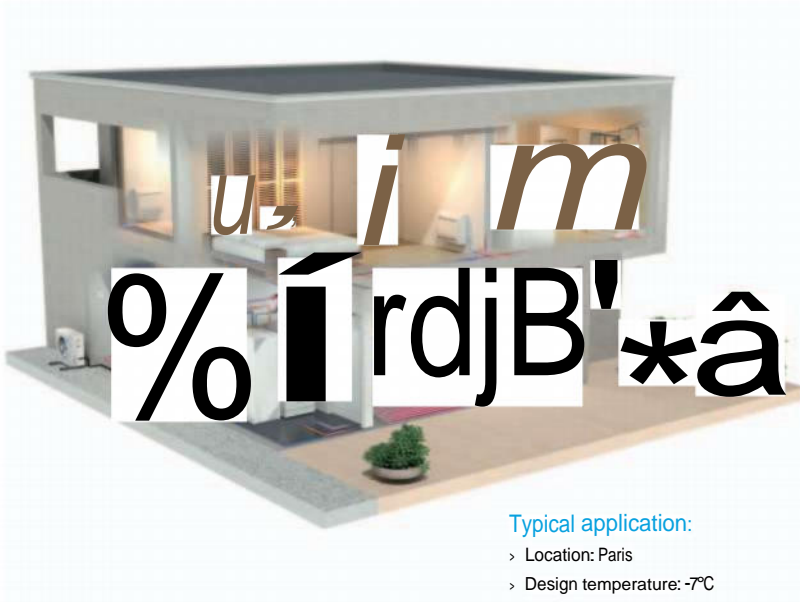
High flexibility for installation and domestic hot water connection

- › Compact unit with small installation space: almost no side clearance required
- › Can be combined with a separate domestic hot water tank of up to 500 litres, with or without solar support

Monobloc outdoor unit

Ideal when indoor space is limited

- › Compact monobloc for space heating & cooling with optional domestic hot water
- › Fuss-free installation: only water and electricity connections are required
- › Reliable operation down to -25°C (outside) thanks to effective frost-protection features



Case Study

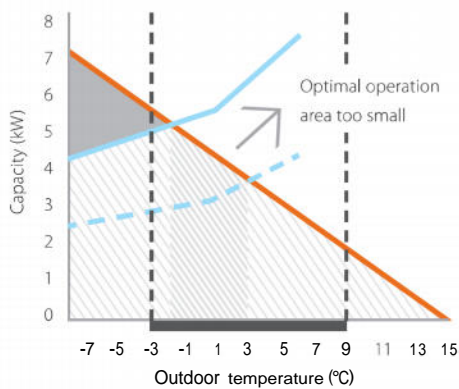
Efficient partial-load operation is especially important for the temperature range where the highest heat output is required. Typically, 80% of the total heat output is required in an outdoor temperature range of -2°C to 10°C. Achieving high efficiencies in this temperature range, contributes strongly to high seasonal efficiencies.

- > Largest part of heat output delivered at optimal efficiencies
- > Less on/off operation when heat load becomes lower than the minimum capacity the heat pump can deliver, optimising efficiency and comfort
- > Modulating range doubled vs standard air-to-water heat pumps
- > New range delivers around 1kW additional in full-load condition at -7°C (+25%)

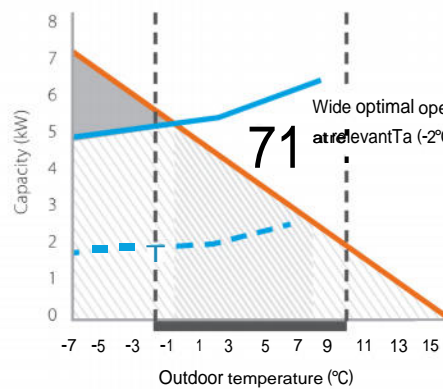
Typical application:

- > Location: Paris
- > Design temperature: -7°C
- > Heat load: 7kW
- > Heating off temperature: 16°C

Standard heat pump



Daikin Altherma



Resulting in the best possible efficiencies

- heat load line
- standard heat pump max capacity
- - standard heat pump min capacity
- ERLQ006CAV3 max capacity
- - ERLQ006CAV3 min capacity

Always in control, no matter where you are*

- > App control with Daikin's online controller
 - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
 - » to keep an eye on your energy consumption



Control via app

Utilise renewable energy to create a self-sustaining heating system*

- > thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- > photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump



* Applicable for Daikin Altherma low temperature split and 5-8kW monobloc

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for heating and hot water with thermal solar support



- > Integrated solar unit, offering top comfort in heating and hot water
- > Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- > Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- > Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- > Solar support of domestic hot water with pressureless (drain-back) solar system
- > Intelligent Heat Store management: continuous heating during defrost mode, and use of stored heat for space heating
- > Heat loss is reduced to a minimum thanks to the high quality insulation
- > App control possible for managing heating and hot water operation
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump

Efficiency data		EHSB + ERLQ		04P30B + 004CV3	08P30B + 006CV3	08P50B + 006CV3	08P30B + 008CV3	08P50B + 008CV3	16P50B + 011CV3	16P50B + 014CV3	16P50B + 016CV3	16P50B + 011CW1	16P50B + 014CW1	16P50B + 016CW1	
Heating capacity	Nom.			4.26(1)/3.47(2)/ 4.53(3)/3.98(4)	5.14(1)/4.60(2) /6.06(3)/5.78(4)	5.53(1)/5.51(2)	5.53(1)/5.51(2)	5.53(1)/5.51(2)	5.95(1)/7.74(2)/ 1180(3)/10.40(4)	8.28(1)/9.57(2)/ 14.81(3)/13.73(4)	15.34(1)/14.86(2)/ 8.04(3)/10.05(4)	5.95(1)/7.74(2)/ 11.80(3)/10.40(4)	14.81(3)/13.73(4)	8.04(3)/10.05(2)/ 15.34(4)/14.86(4)	
Power input	Heating	Nom.		0.87(1)/1.04(2)/ 1.49(3)/0.85(4)	1.30(1)/1.58(2) /1.88(3)/1.26(4)	1.69(1)/2.04(2)	1.69(1)/2.04(2)	1.69(1)/2.04(2)	2.57(1)/3.12(2)/ 3.42(3)/2.35(4)	3.42(1)/4.07(2)/ 3.17(3)/2.93(4)	3.42(1)/4.07(2)/ 3.17(3)/2.93(4)	2.57(1)/3.12(2)/ 3.42(3)/2.35(4)	3.42(1)/4.07(2)	2.57(1)/3.12(2)/ 3.42(3)/2.35(4)	
COP				5.23(1)/3.84(2)/ 2.85(3)/4.07(4)	4.65(1)/3.66(2) /2.73(3)/3.64(4)	4.60(1)/3.57(2)	4.60(1)/3.57(2)	4.60(1)/3.57(2)	2.45(1)/3.29(2)/ 2.58(3)/3.22(4)	4.27(1)/3.34(2)/ 2.44(3)/3.15(4)	4.10(1)/3.22(2)/ 2.45(3)/3.29(4)	4.38(1)/3.32(2)/ 2.45(3)/3.29(4)	4.27(1)/3.34(2)/ 2.58(3)/3.22(4)	4.10(1)/3.22(2)/ 2.44(3)/3.15(4)	
Space heating	Average climate water outlet 55°C	General	qs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	130	125	127	125	126	125	126	126	125	125	
		Average climate water outlet 35°C	General	qs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	A++									
Domestic hot water heating	General Average climate	Declared load profile		%	L	XL	L	XL							
		qwh (water heating efficiency) Water heating energy efficiency class	%	103	98	102	90	96	83	A					
Indoor Unit		EHSB		04P30B	08P30B	08P50B	08P30B	08P50B	16P50B						
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)													
	Material	Impact resistant polypropylene													
Dimensions	Unit	HeightxWidthxDepth		mm	1,945 / 1,890x815x595		1,945 / 1,890x790x790	1,945 / 1,890x615x595	1,945 / 1,890x790x790						
Weight	Unit	kg		84		111	84	111	113						
Tank	Water volume	l		294		477	294	477							
	Maximum water temperature	°C		85											
Operation range	Heating	Ambient	Min.-Max.	°C	-25-25				-25-35						
		Waterside	Min.-Max.	°C					15-55						
	Domestic hot water	Ambient	Min.-Max.	°CDB	-25-35										
		Waterside	Min.-Max.	°C					25-55						
Sound power level	Nom.	dBA		40											
Sound pressure level	Nom.	dBA		28											
Outdoor Unit		ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1			
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307				1,345x900x320						
Weight	Unit	kg		54		56		113		114					
Compressor	Quantity	1													
	Type	Hermetically sealed swing compressor				Hermetically sealed scroll compressor									
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0				10.0-46.0							
		Domestic hot water	Min.-Max.	°CDB	-25-35				-20-35						
Refrigerant	Type	R-410A													
	GWP	2,087.5													
Charge	TCQ2eq	kg		3.1		3.3		7.1							
		kg		1.5		1.6		3.4							
Sound power level	Heating	Nom.	dBA	61				62		64		66		66	
				63				64		66		69		69	
Sound pressure level	Heating	Nom.	dBA	48				49		51		52		54	
				49				50		52		54		54	
Power supply	Name/Phase/Frequency/Voltage			V3/1- /50/230											
Current	Recommended fuses			A				16		20		40		W1/3N- /50/400	

(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) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for **bivalent** heating and hot water with thermal solar support

> Bivalent system: combinable with a secondary heat source



Efficiency data				EHSB + ERLQ	04P30B + 004CV3	08P30B + 006CV3	08P50B + 006CV3	08P30B + 008CV3	08P50B + 008CV3	16P50B + 011CV3	16P50B + 014CV3	16P50B + 016CV3	16P50B + 011CW1	16P50B + 014CW1	16P50B + 016CW1
Heating capacity	Nom.			kW		4.26(1)/3.47(2)/4.53(3)/3.98(4)	5.14(1)/4.60(2)/6.06(3)/5.78(4)	7.78(3)/7.27(4)	5.53(1)/5.51(2)	11.80(3)/10.40(4)	8.28(3)/9.57(4)	8.04(3)/10.05(4)	11.80(3)/10.40(4)	8.28(1)/9.57(2)/8.04(1)/10.05(2)	15.34(3)/14.86(4)
Power input	Heating	Nom.			kW		0.87(1)/1.04(2)/1.49(3)/0.85(4)	1.30(1)/1.58(2)/1.88(3)/1.26(4)	1.69(1)/2.04(2)/1.98(3)/1.56(4)	2.57(1)/3.13(2)/2.43(3)/2.35(4)	3.42(1)/2.43(4)	4.07	2.57(1)/3.13(2)/2.43(3)/2.35(4)	3.42(1)/4.07(2)/3.17(3)/2.93(4)	4.10(3)/3.22(4)
COP						5.23(1)/3.84(2)/2.85(3)/4.07(4)		4.65(1)/3.66(2)/2.73(3)/3.64(4)		4.60(1)/3.57(2)/2.78(3)/3.54(4)		4.38(1)/3.32(2)/4.27(1)/3.34(2)/4.10(1)/3.22(2)/4.38(0)/3.32(2)/2.45(3)/3.29(4)		4.27(0)/3.34(2)/4.10(0)/3.22(2)/4.10(0)/3.22(2)/2.44(3)/3.15(4)	
Space heating	Average climate water outlet 55°C	General	r _{sj} (Seasonal space heating efficiency)	%	130	125	127		125	126	125		126	125	
		General	Seasonal space heating eff. class		A++										
*	Average climate water outlet 35°C	General	r _{sj} (Seasonal space heating efficiency)	%	-										
		General	Seasonal space heating eff. class		-										
Domestic hot water heating	General	Declared load profile			L	XL	L	99		XL					
	Average climate	r _{wh} (water heating efficiency)	%	103	98	108	90	99		84					
*			Water heating energy efficiency class		A										
	Indoor Unit				EHSB	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B				
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)													
	Material	Impact resistant polypropylene													
Dimensions	Unit	HeightxWidthxDepth	mm	1,890x615x595		1,890x790x790		1,890x615x595		1,890x790x790					
Weight	Unit	kg		89		116		89		116		118			
Tank	Water volume	l		294		477		294		477					
	Maximum water temperature	°C						85							
Operation range	Heating	Ambient	Min.-Max.	°C		-25-25				-25-35					
		Waterside	Min.-Max.	°C				15-55							
	Domestic hot water	Ambient	Min.-Max.	°CDB				-25-35							
		Waterside	Min.-Max.	°C				25-55							
Sound power level	Nom.	dBA		40											
Sound pressure level	Nom.	dBA		28											
Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1		
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307						1,345x900x320					
Weight	Unit	kg		54		56		113		114					
Compressor	Quantity	1													
	Type	Hermetically sealed swing compressor						Hermetically sealed scroll compressor							
Operation range	Cooling	Min.-Max.	°CDB		10.0-43.0				10.0-46.0						
	Domestic hot water	Min.-Max.	°CDB		-25-35				-20-35						
Refrigerant	Type	R-410A													
	GWP	2,087.5													
Charge	TC02eq	kg		3.1		3.3				7.1					
	kg	1.5		1.6				3.4							
Control				Expansion valve (electronic type)											
Sound power level	Heating	Nom.	dBA	61		62		64		66		64		66	
	Cooling	Nom.	dBA	63				64		66		64		69	
Sound pressure level	Heating	Nom.	dBA	48		49		50		51		52		51	
	Cooling	Nom.	dBA	48		49		50		52		54		52	
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1- /50/230						W1/3N- /50/400					
Current	Recommended fuses	A		16		20		40		20					

(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) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 20°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated solar unit

Floor standing air to water heat pump for bivalent heating, cooling and hot water with thermal solar support

> Bivalent system: combinable with a secondary heat source



Efficiency data table for EHSXB + ERLQ units. Columns include: Efficiency data, EHSXB + ERLQ, and model-specific columns (04P30B + 004CV3, 08P30B + 006CV3, 08P50B + 006CV3, 08P30B + 008CV3, 08P50B + 008CV3, 16P50B + 011CV3, 16P50B + 014CV3, 16P50B + 016CV3, 16P50B + 011CW1, 16P50B + 014CW1, 16P50B + 016CW1). Rows include Heating capacity, Cooling capacity, Power input, COP, EER, Space heating, Domestic hot water heating, Indoor Unit, and Outdoor Unit specifications.

(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) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit



Floor standing air to water heat pump for heating and hot water, ideal for low energy houses

- > Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- > Energy efficient heating only system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVH + ERLQ		04S18 CB3V + 004 CV3	08S18CB3V /08S26CB9W +006CV3	08S18CB3V /08S26CB9W +008CV3	11S18CB3V /11S26CB9W +011CV3	16S18CB3V /16S26CB9W +014CV3	16S18CB3V /16S26CB9W +016CV3	11S18CB3V /11S26CB9W +011CW1	16S18CB3V /16S26CB9W +014CW1	16S18CB3V /16S26CB9W +016CW1
Heating capacity	Nom.		kW	4.40 (1) / 4.03 (2)		6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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)	
Power input	Heating	Nom.	kW	0.870 (1) / 1.13 (2)		1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	
COP				5.04 (1) / 3.58 (2)		4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	
Space heating	Average climate water outlet 55°C	General	SCOP	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06		
			qs (Seasonal space heating efficiency) %	125	126	120	123	119	120	123	119			
				A++			A+							
	Average climate water outlet 35°C	General	SCOP	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80		
			qs (Seasonal space heating efficiency) %	178	169	171	156	153	149	156	153	149		
			Seasonal space heating eff. class	A++			A+			A++				
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	L	XL	L	XL	
	Average climate	η _{wh} (water heating efficiency) %	95.0	86.4	90.0	86.4	90.0	87.4	97.7	87.4	97.7	87.4	97.7	
		Water heating energy efficiency class	A											

Indoor Unit			EHVH		04S18 CB3V	08S18CB3V /08S26CB9W	08S18CB3V /08S26CB9W	11S18CB3V /11S26CB9W	16S18CB3V /16S26CB9W	16S18CB3V /16S26CB9W	11S18CB3V /11S26CB9W	16S18CB3V /16S26CB9W	16S18CB3V /16S26CB9W
Casing	Colour		White										
	Material		Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728									
Weight	Unit		kg	116	117	127	117	127	117	126	118	128	118
Tank	Water volume		i	180	260	180	260	180	260	180	260	180	260
	Maximum water temperature		°C	65									
	Maximum water pressure		bar	10									
	Corrosion protection			Anode									
Operation range	Heating	Water side Min.-Max.	°C									15-55	
	Domestic hot water	Water side Min.-Max.	°C	25-60				15-55				25-60 / 60	
Sound power level	Nom.		dBA	42				44				42	
Sound pressure level	Nom.		dBA	28				30				28	

Outdoor Unit			ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307				1,345x900x320					
Weight	Unit		kg	54	56			113		114			
Compressor	Quantity			1				1					
	Type			Hermetically sealed swing compressor				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0				10.0-46.0					
	Domestic hot water	Min.-Max.	°CDB	-25 -35				-20 -35					
Refrigerant	Type			R-410A									
	GWP			2,087.5									
	Charge	TCQ2eq	kg	3.1	3.3			7.1		3.4			
	Control			Expansion valve (electronic type)									
Sound power level	Heating	Nom.	dBA	61		62		64		66		64	
	Cooling	Nom.	dBA	63				64		66		69	
Sound pressure level	Heating	Nom.	dBA	48				49		51		52	
	Cooling	Nom.	dBA	48	49		50		52		54		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230								W1/3N~/50/400	
Current	Recommended fuses		A	16				20		40			

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit



Efficiency data				EHVH + ERHQ		11S18CB3V / 11S26CB9W + 011BV3		16S18CB3V / 16S26CB9W + 014BV3		16S18CB3V / 16S26CB9W + 016BV3		11S18CB3V / 11S26CB9W + 011BW1		16S18CB3V / 16S26CB9W + 014BW1		16S18CB3V / 16S26CB9W + 016BW1						
Heating capacity	Nom.		kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)													
Power input	Heating	Nom.	kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)													
COP				4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)													
Space heating	Average climate water outlet 55°C	General	SCOP	2.86	2.82	2.92	2.90	2.80	2.96													
			qs (Seasonal space heating efficiency)	112	110	114	113	109	115													
	Average climate water outlet 35°C	General	Seasonal space heating eff. class	A+																		
			SCOP	2.99	3.23	3.29	3.08	3.34	3.33													
Domestic hot water heating	Average climate	General	Declared load profile nwh (water heating efficiency) Water heating energy efficiency class	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL					
				90.5	95.3	90.5	95.3	90.5	95.3	84.3	87.3	84.3	87.3	84.3	87.3	84.3	87.3					
					A																	
					A																	
Indoor Unit				EHVH		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W						
Casing	Colour	White																				
	Material	Precoated sheet metal																				
Dimensions	Unit	HeightxWidthxDp		1,732x600x728																		
Weight	Unit	kg		117	126	118	128	118	128	117	126	118	128	118	128	118	128					
Tank	Water volume	l		180	260	180	260	180	260	180	260	180	260	180	260	180	260					
	Maximum water temperature	°C		65																		
	Maximum water pressure	bar		10																		
	Corrosion protection			Anode																		
Operation range	Heating	Water side	Min.-Max.	15-55																		
			Domestic hot water	Water side	Min.-Max.	25-60 / 65																
Sound power level	Nom.	dBA		42				44				42				44						
Sound pressure level	Nom.	dBA		28				30				28				30						
Outdoor Unit				ERHQ		011BV3		014BV3		016BV3		011BW1		014BW1		016BW1						
Dimensions	Unit	HeightxWidthxDp		mm		1,170x900x320						1,345x900x320										
Weight	Unit	kg		102						108												
Compressor	Quantity	1																				
	Type	Hermetically sealed scroll compressor																				
Operation range	Cooling	Min.-Max.	°CDB																			
			Domestic hot water	Min.-Max.	-20 =35																	
Refrigerant	Type	R-410A																				
		GWP	2,087.5																			
Charge	Control	TCO2eq	kg						5.6						6.3							
			kg	2.7												3.0						
Sound power level	Heating	Nom.	dBA		64						66						64					
			dBA	64						66						69						
Sound pressure level	Heating	Nom.	dBA		49						51						53					
			dBA	50						52						54						
Power supply	Name/Phase/Frequency/Voltage		Hz/V																			
Current	Recommended fuses		A																			
				V3/1-50/230						W1/3N-50/400						20						

(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 split integrated floor standing unit



Floor standing air to water heat pump for heating, cooling and hot water; ideal for low energy houses

- > Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- > Energy efficient heating and cooling system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

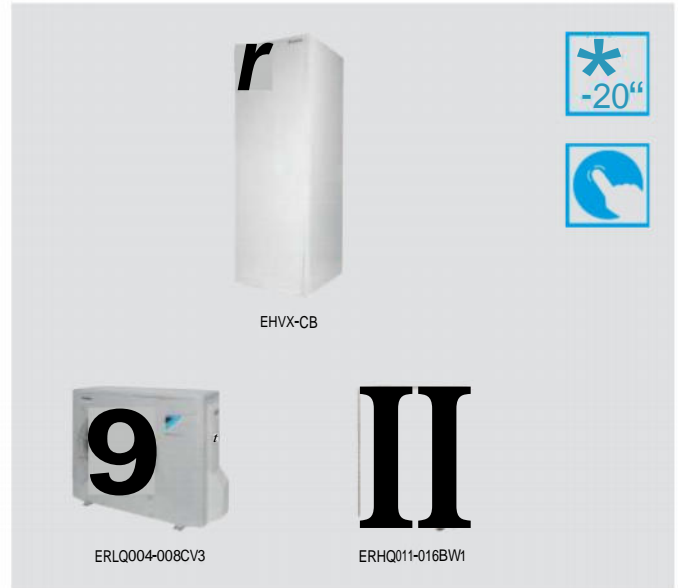
Efficiency data		EHVX + ERLQ		04S18 CB3V + 004 CV3	08S18CB3V / 08S26CB9W + 006CV3	08S18CB3V / 08S26CB9W + 008CV3	11S18CB3V / 11S26CB9W + 011CV3	16S18CB3V / 16S26CB9W + 014CV3	16S18CB3V / 16S26CB9W + 016CV3	11S18CB3V / 11S26CB9W + 011CW1	16S18CB3V / 16S26CB9W + 014CW1	16S18CB3V / 16S26CB9W + 016CW1				
Heating capacity	Nom.			4.40 (1) / 403 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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	Nom.			4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)				
Power input	Heating	Nom.		0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	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)				
	Cooling	Nom.		0.900 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)	1.64 (1) / 2.34 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)				
COP				5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3)	4.30 (1) / 3.32 (3)	4.25 (1) / 3.26 (3)	4.60 (1) / 3.55 (3)	4.30 (1) / 3.32 (3)	4.25 (1) / 3.26 (3)				
EER				4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)	3.79 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)				
Space heating	Average climate water outlet 55°C	General	SCOP ηs (Seasonal space heating efficiency)	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16				
			Seasonal space heating eff. class		A++			A+								
			SCOP ηs (Seasonal space heating efficiency)	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80			
Domestic hot water heating	Average climate	General	Declared load profile		L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
			Water heating energy efficiency class		A											
			Water heating efficiency	%	95.0	86.4	90.0	86.4	90.0	87.4	97.7	87.4	97.7	87.4	97.7	87.4

Indoor Unit		EHVX		04S18 CB3V	08S18CB3V / 08S26CB9W	08S18CB3V / 08S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W	16S18CB3V / 16S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W	16S18CB3V / 16S26CB9W						
Casing	Colour	White																
	Material	Precoated sheet metal																
Dimensions	Unit	1,732x600x728																
Weight	Unit	117	119	129	119	129	119	128	120	130	120	130						
Tank	Water volume	180	260	180	260	180	260	180	260	180	260	180						
	Maximum water temperature	65																
	Maximum water pressure	10																
Operation range	Heating	Water side Min.-Max.	°C	15-55				15-55										
				Cooling	Waterside Min.-Max.	°C	25-60				5-22				25-60 / 60			
							Domestic hot water	Water side Min.-Max.	°C									
Sound power level	Nom.	42				44				42								
Sound pressure level	Nom.	28				30				28				30				

Outdoor Unit		ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1					
Dimensions	Unit	735x832x307															
Weight	Unit	54	56				113				114						
Compressor	Quantity	1															
	Type	Hermetically sealed swing compressor						Hermetically sealed scroll compressor									
Operation range	Cooling	Min.-Max.	10.0-43.0				10.0-46.0										
	Domestic hot water	Min.-Max.	-25 -35				-20 -35										
Refrigerant	Type	R-410A															
	GWP	2,087.5															
	Charge	TCQ ₂ eq	3.1	3.3				7.1				3.4					
Control	Expansion valve (electronic type)	Control															
			Sound power level	Heating	Nom.	61				62				64			
			Cooling	Nom.	63				64				66				
Sound pressure level	Heating	Nom.	48				49				50						
	Cooling	Nom.	48				49				50						
Power supply	Name/Phase/Frequency/Voltage	V3/1~/50/230															
Current	Recommended fuses	16				20				40				W1/3N~/50/400			

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit



Efficiency data				EHVX + ERHQ		11S18CB3V / 11S26CB9W + 011BV3		16S18CB3V / 16S26CB9W + 014BV3		16S18CB3V / 16S26CB9W + 016BV3		11S18CB3V / 11S26CB9W + 011BW1		16S18CB3V / 16S26CB9W + 014BW1		16S18CB3V / 16S26CB9W + 016BW1			
Heating capacity	Nom.		kW	11.2 (D) / 10.3 (2)		14.0 (1) / 13.1 (2)		16.0 (1) / 15.2 (2)		11.3 (1) / 11.0 (2)		14.5 (1) / 13.6 (2)		16.1 (1) / 15.1 (2)					
Cooling capacity	Nom.		kW	13.9 (1) / 10.0 (2)		17.3 (1) / 12.5 (2)		17.8 (1) / 13.1 (2)		15.1 (D) / 11.7 (2)		16.1 (1) / 12.6 (2)		16.8 (11) / 13.1 (2)					
Power input	Heating	Nom.	kW	2.55 (1) / 3.17 (2)		3.26 (1) / 4.04 (2)		3.92 (1) / 4.75 (2)		2.63 (1) / 3.24 (2)		3.42 (1) / 4.21 (2)		3.82 (1) / 4.69 (2)					
	Cooling	Nom.	kW	3.86 (1) / 3.69 (2)		5.86 (1) / 5.69 (2)		6.87 (1) / 5.95 (2)		4.53 (D) / 4.31 (2)		5.43 (1) / 5.08 (2)		6.16 (11) / 5.73 (2)					
COP				4.39 (1) / 3.25 (2)		4.29 (11) / 3.24 (2)		4.08 (1) / 3.20 (2)		4.30 (1) / 3.39 (2)		4.24 (1) / 3.22 (2)		4.20 (11) / 3.22 (2)					
EER				3.60 (1) / 2.71 (2)		2.95 (1) / 2.32 (2)		2.59 (1) / 2.20 (2)		3.32 (1) / 2.72 (2)		2.96 (1) / 2.47 (2)		2.72 (1) / 2.29 (2)					
Space heating	Average climate water outlet 55°C	General	SCOP	2.86		2.82		2.92		2.90		2.80		2.96					
			η _s (Seasonal space heating efficiency)	112		110		114		113		109		115					
	Average climate water outlet 35°C	General	SCOP	2.99		3.23		3.29		3.08		3.34		3.33					
			η _s (Seasonal space heating efficiency)	117		126		129		120		131		130					
			Seasonal space heating eff. class	A		A+		A		A+									
			Seasonal space heating eff. class	A		A+		A		A+									
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	L	XL	L	XL	L	XL				
	Average climate	η _{wh} (water heating efficiency)		90.5	95.3	90.5	95.3	90.5	95.3	84.3	87.3	84.3	87.3	84.3	87.3				
			Water heating energy efficiency class	A															
Indoor Unit				EHVX		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W			
Casing	Colour	White																	
	Material	Precoated sheet metal																	
Dimensions	Unit	HeightxWidthxDepth		mm															
Weight	Unit	1,732x600x728																	
Tank	Water volume	l		119	128	120	130	120	130	119	128	120	130	120	130				
	Maximum water temperature	°C		65															
	Maximum water pressure	bar		10															
	Corrosion protection			Anode															
Operation range	Heating	Water side Min.-Max.		°C															
	Cooling	Water side Min.-Max.		°C															
	Domestic hot water	Water side Min.-Max.		°C															
Sound power level	Nom.	dBA		42				44				42				44			
Sound pressure level	Nom.	dBA		28				30				28				30			
Outdoor Unit				ERHQ		011BV3		014BV3		016BV3		011BW1		014BW1		016BW1			
Dimensions	Unit	HeightxWidthxDepth		mm															
Weight	Unit	kg																	
Compressor	Quantity	1																	
	Type	Hermetically sealed scroll compressor																	
Operation range	Cooling	Min.-Max.		°CDB															
	Domestic hot water	Min.-Max.		°CDB															
Refrigerant	Type	R-410A																	
	GWP	2,087.5																	
	Charge	TC02eq		5.6								6.3							
	Control	kg		2.7								3.0							
Sound power level	Heating	Nom.		dBA				64				66				66			
	Cooling	Nom.		dBA				64				66				66			
Sound pressure level	Heating	Nom.		dBA				49				51				53			
	Cooling	Nom.		dBA				50				52				54			
Power supply	Name/Phase/Frequency/Voltage			Hz/V															
Current	Recommended fuses			A															

(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 split integrated bi-zone



Optimum efficiency offering full flexibility in heat emitters

- > Two different temperature zones can be automatically regulated by the same indoor unit
- > Offers flexibility to the end user to combine different heat emitters e.g. under floor heating and radiators while optimising the efficiency
- > Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- > Energy efficient heating only system based on air to water heat pump technology
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data				EHVZ + ERLQ	04S18CB3V + 004CV3	08S18CB3V + 006CV3	08S18CB3V + 008CV3	16S18CB3V + 011CV3	16S18CB3V + 014CV3	16S18CB3V + 016CV3	16S18CB3V + 011CW1	16S18CB3V + 014CW1	16S18CB3V + 016CW1
Heating capacity	Nom.		kW		4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.4 (1) / 13.5 (2)	15.9 (1) / 15.1 (2)	11.2 (1) / 11.0 (2)	14.4 (1) / 13.5 (2)	15.9 (1) / 15.1 (2)
Power input	Heating	Nom.	kW		0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.39 (1) / 4.12 (2)	3.77 (1) / 4.67 (2)	2.43 (1) / 3.10 (2)	3.39 (1) / 4.12 (2)	3.77 (1) / 4.67 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.24 (1) / 2.61 (2) / 3.28 (3) / 2.05 (4)	4.22 (1) / 2.61 (2) / 3.23 (3) / 2.07 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.24 (1) / 2.61 (2) / 3.28 (3) / 2.05 (4)	4.22 (1) / 2.61 (2) / 3.23 (3) / 2.07 (4)
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			rs (Seasonal space heating efficiency) %		125	126	120	123	119	120	123	119	
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP		4.52	4.29	4.34						
gs (Seasonal space heating efficiency) %				178	169	171							
		Seasonal space heating eff. class			A++								
Pump Additional Zone	Nominal ESP unit (*ERLQ*°C)	Heating	kPa		52.3 / 55.4	40.6 / 43.3	28.3 / 32.7	26.2 (1) / 28.3 (2)	25.0	26.2 (1) / 28.3 (2)	25.0	25.0	25.0
Pump Main Zone	Nominal ESP unit (*ERLQ*°C)	Heating	kPa		48.6 / 51.9	39.5 / 42.3	26.4 / 31.2	18.2 (1) / 20.7 (2)	25.0	18.2 (1) / 20.7 (2)	25.0	25.0	25.0
Domestic hot water heating	General	Declared load profile			L								
	Average climate	General	η _{wh} (water heating efficiency) %		95.0	86.4	87.4						
		Water heating energy efficiency class			A								

Indoor Unit				EHVZ	04S18CB3V	08S18CB3V	16S18CB3V
Casing	Colour	White					
	Material	Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728			
Weight	Unit		kg	121	122	121	
Tank	Water volume		i	180			
	Maximum water temperature		°C	65			
	Maximum water pressure		bar	10			
	Corrosion protection			Anode			
Operation range	Heating	Waterside Min.-Max.	°C	15-55			15-55
	Domestic hot water	Waterside Min.-Max.	°C	25-60			25-60 / 60
Sound power level	Nom.		dBA	42			44
Sound pressure level	Nom.		dBA	28			30

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307				1,345x900x320					
Weight	Unit		kg	54	56	114							
Compressor	Quantity			1			1						
	Type			Hermetically sealed swing compressor			Hermetically sealed scroll compressor						
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0			10.0-46.0						
	Domestic hot water	Min.-Max.	°CDB	-25 -35			-20 -35						
Refrigerant	Type			R-410A									
	GWP			2,087.5									
	Charge	TCQ2eq	kg	3.1	3.3	7.1							
	Control			1.5	1.6	3.4							
Sound power level	Heating	Nom.	dBA	61	62	64	66	64	66	69	64	66	
	Cooling	Nom.	dBA	63			64	66	69	64	66	69	
Sound pressure level	Heating	Nom.	dBA	48			49	51	52	51	52	52	
	Cooling	Nom.	dBA	48	49	50	50	52	54	50	52	54	
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1-/50/230								W1/3N-/50/400	
Current	Recommended fuses		A	16			20	40			20		

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated bi-zone



Efficiency data				EHVZ + ERHQ		16S18CB3V + 011BV3	16S18CB3V + 014BV3	16S18CB3V + 016BV3	16S18CB3V + 011BW1	16S18CB3V + 014BW1	16S18CB3V + 016BW1
Heating capacity	Nom.		kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (D) / 13.6 (2)	16.1 (D) / 15.1 (2)		
Power input	Heating	Nom.	kW	2.55 (1) / 3.17 (2)	3.26 (D) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (D) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)		
COP				4.39 (D) / 3.25 (2)	4.29 (D) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (D) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)		
Space heating	Average climate water outlet 55°C	General	SCOP	2.86	2.82	2.92	2.90	2.80	2.96		
			ηs (Seasonal space heating efficiency)	112	110	114	113	109	115		
	Average climate water outlet 35°C	General	Seasonal space heating eff. class	A+							
			ps (Seasonal space heating efficiency)	-							
		General	Seasonal space heating eff. class	-							
Pump Additional Zone	Nominal ESP unit (*RHQ*B*)	Heating	kPa	26.2 (1) / 35.0 (2)		25.0		24.8 (1) / 28.3 (2)		25.0	
Pump Main Zone	Nominal ESP unit (*RHQ*B*)	Heating	kPa	18.2 (1) / 28.8 (2)		25.0		16.4 (1) / 20.7 (2)		25.0	
Domestic hot water heating	General	Declared load profile		L							
	Average climate	gwh (water heating efficiency)	%	90.5				84.3			
			Water heating energy efficiency class	A							
Indoor Unit				EHVZ		16S18CB3V					
Casing	Colour	White									
	Material	Precoated sheet metal									
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728							
Weight	Unit		kg	121							
Tank	Water volume		l	180							
	Maximum water temperature		°C	65							
	Maximum water pressure		bar	10							
	Corrosion protection			Anode							
	Operation range	Heating	Water side Min.-Max.	°C	15-55						
	Domestic hot water	Water side Min.-Max.	°C	25-60 / 60							
Sound power level	Nom.		dBA	44							
Sound pressure level	Nom.		dBA	30							
Outdoor Unit				ERHQ		011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320				1,345x900x320			
Weight	Unit		kg	102				108			
Compressor	Quantity			1							
	Type			Hermetically sealed scroll compressor							
Operation range	Cooling	Min.-Max.	°CDB	10.0-46.0							
	Domestic hot water	Min.-Max.	°CDB	-20 =35							
Refrigerant	Type			R-410A							
	GWP			2,087.5							
	Charge	TC02eq	kg	5.6				6.3			
			kg	2.7				3.0			
	Control			Expansion valve (electronic type)							
Sound power level	Heating	Nom.	dBA	64		66		64		66	
	Cooling	Nom.	dBA	64	66	69	64	66	69		
Sound pressure level	Heating	Nom.	dBA	49	51	53	51	52	52		
	Cooling	Nom.	dBA	50	52	54	50	52	54		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1-50/230				W1/3N-50/400			
Current	Recommended fuses		A	32				20			

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit without back-up heater



Floor standing air to water heat pump for heating and hot water, ideal for low energy houses

- > Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- > Energy efficient heating only system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data		EHVH + ERLQ		04S18 CBV + 004 CV3	08S18CBV / 08S26CBV + 006CV3	08S18CBV / 08S26CBV + 008CV3	11S26CBV + 011CV3	16S26CBV + 014CV3	16S26CBV + 016CV3	11S26CBV + 011CW1	16S26CBV + 014CW1	16S26CBV + 016CW1	
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			qs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
		qs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149	
		Seasonal space heating eff. class		A++			A+		A++		A+		
Domestic hot water heating	General	Declared load profile			L	XL	L	XL					
	Average climate	η _{wh} (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	97.7			
		Water heating energy efficiency class			A								

Indoor Unit		EHVH		04S18 CB3V	08S18CB3V / 08S26CB9W	08S18CB3V / 08S26CB9W	11S26CBV	16S26CBV	16S26CBV	11S26CBV	16S26CBV	16S26CBV
Casing	Colour	White										
	Material	Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth		mm								
Weight	Unit	kg										
Tank	Water volume	i										
	Maximum water temperature	°C										
	Maximum water pressure	bar										
	Corrosion protection	Anode										
Operation range	Heating	Water side Min.-Max.		°C								
	Domestic hot water	Water side Min.-Max.		°C								
Sound power level	Nom.	dBA		42			44		42		44	
Sound pressure level	Nom.	dBA		28			30		28		30	

Outdoor Unit		ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth		mm								
Weight	Unit	kg										
Compressor	Quantity	1										
	Type	Hermetically sealed swing compressor						Hermetically sealed scroll compressor				
Operation range	Cooling	Min.-Max.		°CDB								
	Domestic hot water	Min.-Max.		°CDB								
Refrigerant	Type	R-410A										
	GWP	2,087.5										
	Charge	TCO ₂ eq		kg								
		Control		Expansion valve (electronic type)								
Sound power level	Heating	Nom.		dBA								
	Cooling	Nom.		dBA								
Sound pressure level	Heating	Nom.		dBA								
	Cooling	Nom.		dBA								
Power supply	Name/Phase/Frequency/Voltage			Hz/V								
Current	Recommended fuses			A								

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit without back-up heater



Efficiency data				EHVH + ERHQ	11S26CBV + 011BV3	16S26CBV + 014BV3	16S26CBV + 016BV3	11S26CBV + 011BW1	16S26CBV + 014BW1	16S26CBV + 016BW1	
Heating capacity	Nom.		kW		11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)	
Power input	Heating	Nom.	kW		2.55 (1) / 3.17 (2)	3.26 (D) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (D) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (D) / 4.69 (2)	
COP					4.39 (1) / 3.25 (2)	4.29 (D) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96	
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115	
	Average climate water outlet 35°C	General	Seasonal space heating eff. class		A+						
			SCOP		2.99	3.23	3.29	3.08	3.34	3.33	
Domestic hot water heating	Average climate	Declared load profile	gwh (water heating efficiency)	%	95.3				87.3		
			Water heating energy efficiency class		A						
	Casing	Colour	Material	Unit	HeightxWidthxDepth	mm	White				
							Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm		1,732x600x728						
Weight	Unit	HeightxWidthxDepth	kg		126	128	126	128			
Tank	Water volume		l		260						
	Maximum water temperature		°C		65						
	Maximum water pressure		bar		10						
	Corrosion protection				Anode						
Operation range	Heating	Water side	Min.-Max.	°C	10-55						
	Domestic hot water	Water side	Min.-Max.	°C	25-70						
Sound power level	Nom.		dBA		42	44	42	44			
Sound pressure level	Nom.		dBA		28	30	28	30			
Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1	
Dimensions	Unit	HeightxWidthxDepth	mm		1,170x900x320			1,345x900x320			
Weight	Unit	HeightxWidthxDepth	kg		102			108			
Compressor	Quantity				1						
Operation range	Cooling	Min.-Max.	°CDB	Domestic hot water	Min.-Max.	°CDB	Hermetically sealed scroll compressor				
							10.0-46.0				
Refrigerant	Type	GWP	Charge	TCO2eq	kg	R-410A					
						2,087.5					
Sound power level	Heating	Nom.	dBA	Control	Expansion valve (electronic type)						
					64						
Sound pressure level	Cooling	Nom.	dBA	Control	64						
					66						
Power supply	Name/Phase/Frequency/Voltage	Recommended fuses	A	V3/1-/50/230							
				W1/3N-/50/400							

(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 split integrated floor standing unit for UK



Floor standing air to water heat pump for heating and hot water, ideal for low energy houses

- > Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- > Energy efficient heating only system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data		EHVH + ERLQ		04SU18 CB6W + 004 CV3	08SU18CB6W /08SU26CB6W + 006CV3	08SU18CB6W /08SU26CB6W + 008CV3	11SU26CB6W + 011CV3	16SU26CB6W + 014CV3	16SU26CB6W + 016CV3	11SU26CB6W + 011CW1	16SU26CB6W + 014CW1	16SU26CB6W + 016CW1	
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)	4.60 (1) / 2.75 (2) / 3.55 (3) / 2.10 (4)	4.30 (1) / 2.65 (2) / 3.32 (3) / 2.08 (4)	4.25 (1) / 2.64 (2) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			qs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
		qs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149	
		Seasonal space heating eff. class		A++			A+		A++		A+		
Domestic hot water heating	General	Declared load profile			L	XL	L	XL					
	Average climate	η _{wh} (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	97.7			
		Water heating energy efficiency class			A								

Indoor Unit		EHVH		04SU18 CB6W	08SU18CB6W /08SU26CB6W	08SU18CB6W /08SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W
Casing	Colour	White										
	Material	Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728								
Weight	Unit	kg	118	121	127	127	127	128	130	128	130	
Tank	Water volume	i	180	260	180	260						
	Maximum water temperature	°C	65									
	Maximum water pressure	bar	10									
	Corrosion protection		Anode									
Operation range	Heating	Water side Min.-Max.	°C	15-55								
	Domestic hot water	Water side Min.-Max.	°C	25-65			25-65					
Sound power level	Nom.	dBA	42			44		42		44		
Sound pressure level	Nom.	dBA	28			30		28		30		

Outdoor Unit		ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307				1,345x900x320					
Weight	Unit	kg	54	56			113		114				
Compressor	Quantity		1										
	Type		Hermetically sealed swing compressor				Hermetically sealed scroll compressor						
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0			10.0-46.0						
	Domestic hot water	Min.-Max.	°CDB	-25 -35			-20 -35						
Refrigerant	Type		R-410A										
	GWP		2,087.5										
	Charge	TCO ₂ eq	3.1	3.3			7.1						
	Control		1.5	1.6			3.4						
Sound power level	Heating	Nom.	dBA	61	62		64	66	64		66		
	Cooling	Nom.	dBA	63			64	66	69	64	66	69	
Sound pressure level	Heating	Nom.	dBA	48			49	51	52	51	52	52	
	Cooling	Nom.	dBA	48	49	50	50	52	54	50	52	54	
Power supply	Name/Phase/Frequency/Voltage	Hz/V	V3/1~/50/230									W1/3N~/50/400	
Current	Recommended fuses	A	16			20		40			20		

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split integrated floor standing unit for UK



Efficiency data				EHVH + ERHQ	11SU26CB6W + 011BV3	16SU26CB6W + 014BV3	16SU26CB6W + 016BV3	11SU26CB6W + 011BW1	16SU26CB6W + 014BW1	16SU26CB6W + 016BW1	
Heating capacity	Nom.		kW		11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)	
Power input	Heating	Nom.	kW		2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)	
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96	
			η _s (Seasonal space heating efficiency)	%	112	110	114	113	109	115	
	Average climate water outlet 35°C	General	Seasonal space heating eff. class		A+						
			SCOP		2.99	3.23	3.29	3.08	3.34	3.33	
Domestic hot water heating	Average climate	Declared load profile	gwh (water heating efficiency)	%	95.3				87.3		
			Water heating energy efficiency class		A				A		
	Casing	Colour		White							
		Material		Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728							
Weight	Unit		kg	128	130	128	130	128	130		
Tank	Water volume		l	260							
	Maximum water temperature		°C	65							
	Maximum water pressure		bar	10							
	Corrosion protection			Anode							
Operation range	Heating	Water side Min.-Max.	°C	15-55							
	Domestic hot water	Water side Min.-Max.	°C	25-65							
Sound power level	Nom.		dBA	42	44	42	44	42	44		
Sound pressure level	Nom.		dBA	28	30	28	30	28	30		
Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1	
Dimensions	Unit	HeightxWidthxDepth	mm		1,170x900x320			1,345x900x320			
Weight	Unit		kg		102			108			
Compressor	Quantity			1							
	Type			Hermetically sealed scroll compressor							
Operation range	Cooling	Min.-Max.	°CDB	10.0-46.0							
	Domestic hot water	Min.-Max.	°CDB	-20-35							
Refrigerant	Type			R-410A							
	GWP			2,087.5							
	Charge	TCO2eq		5.6			6.3				
		kg		2.7			3.0				
	Control			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	49	51	53	50	51	52		
	Cooling	Nom.	dBA	50	52	54	50	52	54		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1-/50/230				W1/3N-/50/400			
Current	Recommended fuses		A	32				20			

(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 split wall mounted unit



Wall mounted **heating only** air to water heat pump ideal for low energy houses

- › Energy efficient heating only system based on air to water heat pump technology
- › Perfect fit for new built as well as for low energy houses
- › Best seasonal efficiencies, providing the highest savings on running costs
- › Flexible configuration with respect to heat emitters
- › Possible to combine with domestic hot water
- › Outdoor unit extracts heat from the outdoor air, even at -25°C
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data		EHBH + ERLQ		04CB3V + 004CV3	08CB3V/9W + 006CV3	08CB3V/9W + 008CV3	11CB3V/9W + 011CV3	16CB3V/9W + 014CV3	16CB3V/9W + 016CV3	11CB3V/9W + 011CW1	16CB3V/9W + 014CW1	16CB3V/9W + 016CW1	
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			qs (Seasonal space heating efficiency)	%	125	126	120	123	119	120	123	119	
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
		qs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149	
		Seasonal space heating eff. class			A++			A+		A++		A+	

Indoor Unit		EHBH		04CB3V	08CB3V/9W	08CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W	
Casing	Colour	White											
	Material	Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm									
		890x480x344											
Weight	Unit	kg		41	43	45	43	45	43	44	45	44	45
Operation range	Heating	Waterside Min.-Max.		°C									
			15-55										
Domestic hot water	Waterside Min.-Max.		°C										
			25-80										
Sound power level	Nom.	dBA		40			41	44		41	44		
Sound pressure level	Nom.	dBA		26			27	30		27	30		

Outdoor Unit		ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1					
Dimensions	Unit	HeightxWidthxDepth		mm				mm									
		735x832x307				1,345x900x320											
Weight	Unit	kg		54	56			113		114							
Compressor	Quantity	1															
	Type	Hermetically sealed swing compressor						Hermetically sealed scroll compressor									
Operation range	Cooling	Min.-Max.		°CDB				°CDB									
			10.0-43.0				10.0-46.0										
Domestic hot water	Min.-Max.		°CDB				°CDB										
			-25 -35				-20 -35										
Refrigerant	Type	R-410A															
	GWP	2,087.5															
	Charge	TCQ2eq	kg		3.1	3.3			7.1		3.4						
				1.5				1.6				3.4					
		Expansion valve (electronic type)															
Sound power level	Heating	Nom.		dBA		61		62		64		66		64		66	
	Cooling	Nom.		dBA		63		64		66		69		64		66	
Sound pressure level	Heating	Nom.		dBA		48		49		51		52		51		52	
	Cooling	Nom.		dBA		48		49		50		52		50		52	
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						W1/3N~/50/400						
Current	Recommended fuses		A		16		20		40		20						

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit



Efficiency data				EHBH + ERHQ	11CB3V/9W + 011BV3	16CB3V/9W + 014BV3	16CB3V/9W + 016BV3	11CB3V/9W + 011BW1	16CB3V/9W + 014BW1	16CB3V/9W + 016BW1
Heating capacity	Nom.				11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.			2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating #	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			qs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
		qs (Seasonal space heating efficiency)	%	117	126	129	120	131	130	
		Seasonal space heating eff. class		A	A+		A	A+		

Indoor Unit				EHBH	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W
Casing	Colour			White						
	Material			Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344						
Weight	Unit		kg	43	44	45	44	45	43	44
Operation range	Heating	Waterside Min.-Max.	°C	15-55						
	Domestic hot water	Waterside Min.-Max.	°C	25-80						
Sound power level	Nom.		dBA	41		44		41		44
Sound pressure level	Nom.		dBA	27		30		27		30

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1	
Dimensions	Unit	HeightxWidthxDepth	mm		1,170x900x320			1,345x900x320			
Weight	Unit		kg		102			108			
Compressor	Quantity			1							
	Type			Hermetically sealed scroll compressor							
Operation range	Cooling	Min.-Max.	°CDB	10.0-46.0							
	Domestic hot water	Min.-Max.	°CDB	-20-35							
Refrigerant	Type			R-410A							
	GWP			2,087.5							
	Charge	TCQ2eq	kg		5.6			6.3			
					2.7			3.0			
Sound power level				Expansion valve (electronic type)							
	Heating	Nom.	dBA		64		66		64		66
	Cooling	Nom.	dBA	64	66	69	64	66	69		
Sound pressure level	Heating	Nom.	dBA	49	51	53		51		52	
	Cooling	Nom.	dBA	50	52	54	50	52	54		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1-50/230				W1/3N-50/400			
Current	Recommended fuses		A	32				20			

(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 split wall mounted unit

Wall mounted **reversible** air to water heat pump ideal for low energy houses



- > Energy efficient heating and cooling system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Possible to combine with domestic hot water
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data				EHBX + ERLQ	04CB3V + 004CV3	08CB3V/9W + 006CV3	08CB3V/9W + 008CV3	11CB3V/9W + 011CV3	16CB3V/9W + 014CV3	16CB3V/9W + 016CV3	11CB3V/9W + 011CW1	16CB3V/9W + 014CW1	16CB3V/9W + 016CW1
Heating capacity	Nom.		kW		4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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	Nom.		kW		4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)
Power input	Heating	Nom.	kW		0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	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)
	Cooling	Nom.	kW		0.900 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)	1.64 (1) / 2.34 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.21 (1) / 5.73 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)
EER					4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)	3.79 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)
Space heating	Average climate water outlet 55°C	General	SCOP	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			Seasonal space heating eff. class		A++			A+					
	Average climate water outlet 35°C	General	SCOP	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			Seasonal space heating eff. class		A++			A+		A++		A+	

Indoor Unit				EHBX	04CB3V	08CB3V/9W	08CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W			
Casing	Colour	White														
	Material	Precoated sheet metal														
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344												
Weight	Unit	kg		42	44	45	44	45	43	45	44	46	44	46	44	46
Operation range	Heating	Waterside Min.-Max.	°C	15-55				15-55								
	Cooling	Waterside Min.-Max.	°C	5-22				5-22								
	Domestic hot water	Waterside Min.-Max.	°C	25-80				25-80								
Sound power level	Nom.	dBA		40				41		44		41		44		
Sound pressure level	Nom.	dBA		26				27		30		27		30		

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1				
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307				1,345x900x320									
Weight	Unit	kg		54	56			113			114						
Compressor	Quantity			1				1									
	Type			Hermetically sealed swing compressor				Hermetically sealed scroll compressor									
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0				10.0-46.0									
	Domestic hot water	Min.-Max.	°CDB	-25 -35				-20 -35									
Refrigerant	Type			R-410A													
	GWP			2,087.5													
	Charge	TCQ2eq	kg	3.1	3.3			7.1									
Control				1.5	1.6			3.4									
				Expansion valve (electronic type)													
Sound power level	Heating	Nom.	dBA	61		62		64		66		64		66			
	Cooling	Nom.	dBA	63				64		66		69		64		66	
Sound pressure level	Heating	Nom.	dBA	48				49		51		52		51		52	
	Cooling	Nom.	dBA	48	49		50		50		52		54		50		54
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1~/50/230								W1/3N~/50/400					
Current	Recommended fuses	A		16				20		40				20			

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit



Efficiency data				EHBX + ERHQ	11CB3V/9W + 011BV3	16CB3V/9W + 014BV3	16CB3V/9W + 016BV3	11CB3V/9W + 011BW1	16CB3V/9W + 014BW1	16CB3V/9W + 016BW1					
Heating capacity	Nom.		kW	11.2 (1) / 10.3 (2)	14.0 (U) / 13.1 (2)	16.0 (O) / 15.2 (2)	11.3 (O) / 11.0 (2)	14.5 (O) / 13.6 (2)	16.1 (O) / 15.1 (2)						
Cooling capacity	Nom.		kW	13.9 (1) / 10.0 (2)	17.3 (1) / 12.5 (2)	17.8 (O) / 13.1 (2)	15.1 (O) / 11.7 (2)	16.1 (O) / 12.6 (2)	16.8 (O) / 13.1 (2)						
Power input	Heating	Nom.	kW	2.55 (1) / 3.17 (2)	3.26 (D) / 4.04 (2)	3.92 (O) / 4.75 (2)	2.63 (O) / 3.24 (2)	3.42 (O) / 4.21 (2)	3.82 (O) / 4.69 (2)						
	Cooling	Nom.	kW	3.86 (1) / 3.69 (2)	5.86 (O) / 5.69 (2)	6.87 (O) / 5.95 (2)	4.53 (O) / 4.31 (2)	5.43 (1) / 5.08 (2)	6.16 (O) / 5.73 (2)						
COP				4.39 (1) / 3.25 (2)	4.29 (O) / 3.24 (2)	4.08 (O) / 3.20 (2)	4.30 (O) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (O) / 3.22 (2)						
EER				3.60 (1) / 2.71 (2)	2.95 (O) / 2.32 (2)	2.59 (O) / 2.20 (2)	3.32 (O) / 2.72 (2)	2.96 (O) / 2.47 (2)	2.72 (O) / 2.29 (2)						
Space heating	Average climate water outlet 55°C	General	SCOP	2.86	2.82	2.92	2.90	2.80	2.96						
			ns (Seasonal space heating efficiency)	%	112	110	114	113	109	115					
	Average climate water outlet 35°C	General	Seasonal space heating eff. class	A+											
			SCOP	2.99	3.23	3.29	3.08	3.34	3.33						
Hs (Seasonal space heating efficiency)				%	117	126	129	120	131	130					
Seasonal space heating eff. class					A	A+	A	A+	A+						
Indoor Unit				EHBX	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W					
Casing	Colour	White													
	Material	Precoated sheet metal													
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344											
Weight	Unit		kg	43	45	44	46	44	46	43	45	44	46	44	46
Operation range	Heating	Water side Min.-Max.	°C	15-55											
	Cooling	Water side Min.-Max.	°C	5-22											
	Domestic hot water	Water side Min.-Max.	°C	25-80											
Sound power level	Nom.		dBA	41		44		41		44					
Sound pressure level	Nom.		dBA	27		30		27		30					
Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1					
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320			1,345x900x320								
Weight	Unit		kg	102			108								
Compressor	Quantity			1											
	Type			Hermetically sealed scroll compressor											
Operation range	Cooling	Min.-Max.	°CDB	10.0-46.0											
	Domestic hot water	Min.-Max.	°CDB	-20 =35											
Refrigerant	Type			R-410A											
	GWP			2,087.5											
	Charge	TCO2eq	kg	5.6			6.3								
	Control			2.7											
				3.0											
Sound power level	Heating	Nom.	dBA	64			66			64			66		
	Cooling	Nom.	dBA	64	66	69	64	66	66	69					
Sound pressure level	Heating	Nom.	dBA	49	51	53	50	51	52	54					
	Cooling	Nom.	dBA	50	52	54	50	52	54						
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1-/50/230				W1/3N-/50/400							
Current	Recommended fuses		A	32				20							

(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 split wall mounted unit without back-up heater



Wall mounted **heating only** air to water heat pump ideal for low energy houses

- > Energy efficient heating only system based on air to water heat pump technology
- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > Flexible configuration with respect to heat emitters
- > Possible to combine with domestic hot water
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)

Efficiency data				EHBH + ERLQ	04CBV + 004CV3	08CBV + 006CV3	08CBV + 008CV3	11CBV + 011CV3	16CBV + 014CV3	16CBV + 016CV3	11CBV + 011CW1	16CBV + 014CW1	16CBV + 016CW1
Heating capacity	Nom.			kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	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)
Power input	Heating	Nom.		kW	0.870 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	3.42 (1) / 4.21 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)
Space heating	Average climate water outlet 55°C	General	SCOP	%	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
			qs (Seasonal space heating efficiency)	%	125	126		120	123	119	120	123	119
	Average climate water outlet 35°C	General	Seasonal space heating eff. class		A++			A+					
			SCOP	%	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
			qs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			Seasonal space heating eff. class		A++			A+		A++		A+	

Indoor Unit				EHBH	04CBV	08CBV	11CBV	16CBV	11CBV	16CBV
Casing	Colour	White								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344						
Weight	Unit		kg	39	41		42		41	42
Operation range	Heating	Waterside Min.-Max.	°C	10-55						
	Domestic hot water	Waterside Min.-Max.	°C	25-80						
Sound power level	Nom.		dBA	40		41	44		41	44
Sound pressure level	Nom.		dBA	26		27	30		27	30

Outdoor Unit				ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307					1,345x900x320				
Weight	Unit		kg	54	56		113			114			
Compressor	Quantity	1											
	Type	Hermetically sealed swing compressor					Hermetically sealed scroll compressor						
Operation range	Cooling	Min.-Max.	°CDB	10.0-43.0					10.0-46.0				
	Domestic hot water	Min.-Max.	°CDB	-25 -35					-20 -35				
Refrigerant	Type	R-410A											
	GWP	2,087.5											
	Charge	TCO2eq	kg	3.1	3.3		7.1			3.4			
Sound power level	Control	Expansion valve (electronic type)											
		Heating	Nom.	dBA	61		62	64		66	64		66
		Cooling	Nom.	dBA	63		64		66	69	64		66
Sound pressure level	Heating	Nom.	dBA	48		49	51		52	51		52	
	Cooling	Nom.	dBA	48	49	50	50	52	54	50	52	54	
Power supply	Name/Phase/Frequency/Voltage	Hz/V	V3/1- /50/230					W1/3N- /50/400					
Current	Recommended fuses	A	16		20		40						

(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) Heating Ta DB -7°C (RH85%) - LWC 35°C (4) Heating Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

Daikin Altherma low temperature split wall mounted unit without back-up heater



Efficiency data				EHBH + ERHQ	11CBV + 011BV3	16CBV + 014BV3	16CBV + 016BV3	11CBV + 011BW1	16CBV + 014BW1	16CBV + 016BW1
Heating capacity	Nom.		kW		11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)
Power input	Heating	Nom.	kW		2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
COP					4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
Space heating #	Average climate water outlet 55°C	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
			qs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
		Seasonal space heating eff. class		A+						
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
		qs (Seasonal space heating efficiency)	%	117	126	129	120	131	130	
		Seasonal space heating eff. class		A	A+		A	A+		

Indoor Unit				EHBH	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV			
Casing	Colour	White											
	Material	Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344									
Weight	Unit		kg	43	44	45	44	45	43	44	45	44	45
Operation range	Heating	Waterside Min.-Max.	°C	10-55									
	Domestic hot water	Waterside Min.-Max.	°C	25-80									
Sound power level	Nom.		dBA	41	42			41	42				
Sound pressure level	Nom.		dBA	27	30			27	30				

Outdoor Unit				ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1	
Dimensions	Unit	HeightxWidthxDepth	mm		1,170x900x320			1,345x900x320			
Weight	Unit		kg		102			108			
Compressor	Quantity	1									
	Type	Hermetically sealed scroll compressor									
Operation range	Cooling	Min.-Max.	°CDB	10.0-46.0							
	Domestic hot water	Min.-Max.	°CDB	-20-35							
Refrigerant	Type	R-410A									
	GWP	2,087.5									
	Charge	TCQ2eq		5.6			6.3				
		kg		2.7			3.0				
Sound power level				Expansion valve (electronic type)							
	Heating	Nom.	dBA	64		66		64		66	
	Cooling	Nom.	dBA	64	66	69	64	66	69		
Sound pressure level	Heating	Nom.	dBA	49	51	53	51		52		
	Cooling	Nom.	dBA	50	52	54	50	52	54		
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1-/50/230				W1/3N-/50/400			
Current	Recommended fuses	A		32				20			

(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 small capacity monobloc

Why choose Daikin Altherma low temperature monobloc?

The simple answer is that our inverter technology delivers **leading edge performance**, all the hydraulic components are pre-installed in the outdoor unit which is the **smallest in the market**, and it works with all our output devices.

All hydraulic components are combined in the outdoor unit

Available in 5kW and 7kW models, the new Daikin Altherma LT monobloc requires only a controller indoors, when space heating is needed. For use of both space heating and domestic hot water, a wiring centre is added. And the outdoor unit can be installed almost anywhere, under a window sill, or in the smallest of gardens. So it's a natural fit for new build and renovation projects alike.

The space-saving design is ideal for homes where space is limited

- > The outdoor unit includes all hydraulic components
Smallest installed volume in the market:
H735 x W1085 x D360 mm – only 80 kg
- > The separate installation of controller and wiring centre allows a flexible installation in the house.

Everything you need from one source

The Daikin Altherma monobloc works efficiently with Daikin's range of under-floor heating, radiators and fan convectors and can be combined with solar thermal systems. So you can count on Daikin for your entire project.



Always in control, no matter where you are*

- > App control with Daikin's online controller
 - » to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
- > to keep an eye on your energy consumption



Control via app



Utilise renewable energy to create a self-sustaining heating system*

- > thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- > photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump

* Applicable for 5-8kW 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
- > 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 with typical annual efficiencies up to 300%
- > 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 with typical annual efficiencies up to 300%
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Single Unit				EBLQ/EDLQ	05CV3	07CV3	05CV3	07CV3
Space heating	Average climate water outlet 55°C	General	qs (Seasonal space heating efficiency) %			125		126
			SCOP Seasonal space heating eff. class		3.20	3.22	3.20	3.22
	Average climate water outlet 35°C	General	qs (Seasonal space heating efficiency) %		172	163	172	163
			SCOP Seasonal space heating eff. class		4.39	4.14	4.39	4.14
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	Height	mm			735		
			Width			1,090		
			Depth			350		
Weight	Unit		kg	76.0	80.0	76.0	80.0	
		Operation range	Heating	Water side Min.-Max. °C			15-55.0	
Cooling	Ambient Min.-Max. °CDB			10.0-43.0		-		
	Domestic hot water	Ambient Min.-Max. °CDB		5.00-22.0		-		
Refrigerant		Type	Water side Min.-Max. °C			-25.0-35.0		
	GWP					25-80		
Charge	kg			2,088		2,087.5		
		TCO2eq		1.30	1.45	1.3	1.5	
Sound power level	Control	Heating	Nom.	dBA	Expansion valve (electronic type)			
					Cooling	Nom.	dBA	61
Sound pressure level	Heating	Nom.	dBA		63.0		-	
				Cooling	Nom.	dBA	48	49
level	Cooling	Nom.	dBA		50		-	

(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 = 50°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

(3) Contains fluorinated greenhouse gases

Wiring centre				EKCB07CV3	EK2CB07CV3
Dimensions	Unit	Height	mm		360
			Width		340
			Depth		97
Weight	Unit		kg	4	
		Operation range	Heating	Ambient	Min.-Max.
Indoor installation	Ambient		Min.	°CDB	5
			Max.	°CDB	35
Back-up heater kit				EKMBUHC3V3	EKMBUHC9W1
Dimensions	Unit	Height	mm		560
			Width		250
			Depth		210
Weight	Unit		kg	11	13
		Operation range	Heating	Ambient	Min.-Max.
Indoor installation	Ambient		Min.	°CDB	5
			Max.	°CDB	30

Daikin Altherma low temperature monobloc



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

- › Energy efficient **heating and cooling** system based on air to water heat pump technology
- › Outdoor unit extracts heat from the outdoor air, even at -25°C
- › Low energy bills and low CO2 emissions
- › H₂O piping between outdoor unit and indoor heat emitters
- › Inverter controlled scroll compressor
- › Built-in electric back-up heater as additional heating during extremely cold outdoor temperature
- › Possible to combine with domestic hot water

Single Unit		EBLQ/EBHQ		011BB6V3	014BB6V3	016BB6V3	011BB6W1	014BB6W1	016BB6W1	
Space heating #	Average climate water outlet 55°C	General	η _s (Seasonal space heating efficiency) %	105		101	107	110	111	
			SCOP	2.70	2.71	2.60	2.75	2.82	2.85	
			Seasonal space heating eff. class	A+						
	Average climate water outlet 35°C	General	q _s (Seasonal space heating efficiency) %	129	130	123	129	130	127	
SCOP			3.30	3.32	3.15	3.30	3.31	3.25		
		Seasonal space heating eff. class	A+							
Heating capacity	Nom.		kW	11.2 (1) / 10.9 (2)	14.0 (D) / 13.1 (2)	16.0 (D) / 15.1 (2)	11.2 (D) / 10.9 (2)	14.0 (D) / 13.1 (2)	16.0 (D) / 15.1 (2)	
Cooling capacity	Nom.		kW	12.9 (1) / 10.0 (2)	16.0 (1) / 12.5 (2)	16.7 (1) / 13.1 (2)	12.9 (1) / 10.0 (2)	16.0 (1) / 12.5 (2)	16.7 (1) / 13.1 (2)	
Power input	Cooling	Nom.	kW	3.87 (1) / 3.69 (2)	5.75 (1) / 5.39 (2)	6.36 (1) / 5.93 (2)	3.87 (1) / 3.69 (2)	5.40 (1) / 5.06 (2)	6.15 (1) / 5.75 (2)	
	Heating	Nom.	kW	2.56 (1) / 3.31 (2)	3.29 (1) / 4.01 (2)	3.88 (1) / 4.71 (2)	2.60 (1) / 3.21 (2)	3.30 (1) / 4.07 (2)	3.81 (1) / 4.66 (2)	
COP				4.38 (D) / 3.28 (2)	4.25 (1) / 3.27 (2)	4.12 (1) / 3.20 (2)	4.31 (1) / 3.38 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.23 (2)	
EER				3.32 (1) / 2.71 (2)	2.78 (1) / 2.32 (2)	2.63 (1) / 2.21 (2)	3.32 (1) / 2.71 (2)	2.96 (1) / 2.47 (2)	2.72 (1) / 2.28 (2)	
Dimensions	Unit	Height	mm	1,418						
		Width	mm	1,435						
		Depth	mm	382						
Weight	Unit		kg	180						
Hydraulic component	Back-up heater current	Type		6V3			6W1			
		Power supply Phase/Frequency/Voltage	Hz/V	1~/50/230			3~/50/400			
Operation range	Heating	Ambient Min.-Max.	°CWB	-20=-40			-30=-40	-20=-40	-30=-40	-20=-40
		Water side Min.-Max.	°C	15 (31-55.0 (3))						
	Cooling	Ambient Min.-Max.	°CDB	10.0-46.0						
		Water side Min.-Max.	°C	5.00-22.0						
Domestic hot water	Ambient Min.-Max.	°CDB	-20.0-43.0	-15.0-43.0	-20.0-43.0	-15.0-43.0	-20.0-43.0	-15.0-43.0	-20.0-43.0	
	Water side Min.-Max.	°C	25-80							
Refrigerant	Type			R-410A						
	GWP			2,087.5						
	Charge		kg	3.0						
			TCQ2eq	6.2						
Sound power level	Heating	Nom.	dBA	60	70		60	70		
		Cooling	Nom.	dBA	65.0	66.0	69.0	65.0	66.0	69.0
Sound pressure level	Heating	Nom.	dBA	50						
		Cooling	Nom.	dBA	50					
Compressor component	Main power supply	Name		V3			W1			
		Phase		1-			3N-			
		Frequency	Hz	50						
		Voltage	V	230			400			
				Expansion valve (electronic type)						

(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) 15°C-25°C: BUH only, no heat pump operation = during commissioning (4) Contains fluorinated greenhouse gases

Daikin Altherma low temperature monobloc

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



Single Unit		EDLQ/EDHQ			011BB6V3	014BB6V3	016BB6V3	011BB6W1	014BB6W1	016BB6W1	
Space heating	Average climate water outlet 55°C	General	qs (Seasonal space heating efficiency)	%	105		101	107	110	111	
			SCOP		2.70	2.71	2.60	2.75	2.82	2.85	
			Seasonal space heating eff. class		A+						
	Average climate water outlet 35°C	General	ps (Seasonal space heating efficiency)	%	129	130	123	129	130	127	
SCOP				3.30	3.32	3.15	3.30	3.31	3.25		
		Seasonal space heating eff. class		A+							
Heating capacity	Nom.			kW	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)	11.2 (1) / 10.9 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.1 (2)	
Power input	Heating	Nom.		kW	2.56 (1) / 3.31 (2)	3.29 (1) / 4.01 (2)	3.88 (1) / 4.71 (2)	2.60 (1) / 3.21 (2)	3.30 (1) / 4.07 (2)	3.81 (1) / 4.66 (2)	
COP					4.38 (1) / 3.28 (2)	4.25 (1) / 3.27 (2)	4.12 (1) / 3.20 (2)	4.31 (1) / 3.38 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.23 (2)	
Dimensions	Unit	Height		mm	1,418						
		Width		mm	1,435						
		Depth		mm	382						
Weight	Unit			kg	180						
Hydraulic component	Back-up heater current	Type			6V3			6W1			
		Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230			3~/50/400			
Operation range	Heating	Ambient	Min.-Max.	°CWB	-20-40			-30-40	-20-40	-30-40	-20-40
		Water side	Min.-Max.	°C	15 (3)~55.0 (3)						
Refrigerant	Domestic hot water	Ambient	Min.-Max.	°CDB	-20.0-43.0	-15.0-43.0	-20.0-43.0	-15.0-43.0	-20.0-43.0	-15.0-43.0	-20.0-43.0
		Waterside	Min.-Max.	°C	25-80						
Control	Type				R-410A						
	GWP				2,087.5						
	Charge			kg	3.0						
Sound power level	Heating	Nom.		dBA	60	70		60	70		
Compressor component	Main power supply	Name			V3			W1			
		Phase			1-			3N-			
Expansion valve (electronic type)	Control	Frequency		Hz	50						
		Voltage		V	230			400			

(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) 15°C-25°C: BUH only, no heat pump operation = during commissioning (4) Contains fluorinated greenhouse gases

Thermal store

Plastic domestic hot water tank with solar support

- > Tank designed for connection with drainback thermal solar system
- > 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 (5001 tank only)



Accessory		EKHWP	300B	500B	
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)		
	Material		Impact resistant polypropylene		
Dimensions	Unit	Width	595	790	
		Depth	615	790	
Weight	Unit	Empty	58	82	
	Tank	Water volume	294	477	
	Material		Polypropylen		
		Maximum water temperature		85	
	Insulation	Heat loss	1.5	1.7	
	Energy efficiency class			B	
	Standing heat loss		64	72	
	Storage volume		294	477	
Heat exchanger	Domestic hot water	Quantity		1	
		Tube material		Stainless steel (DIN 1.4404)	
		Face area	m ²	5.600	5.800
		Internal coil volume	l	27.1	29.0
		Operating pressure	bar		6
		Average specific thermal output	W/K	2,790	2,825
	Charging	Quantity			1
		Tube material			Stainless steel (DIN 1.4404)
		Face area	m ²	3	4
		Internal coil volume	l	13	19
		Operating pressure	bar		3
		Average specific thermal output	W/K	1,300	1,800
Auxiliary solar heating	Tube material			Stainless steel (DIN 1.4404)	
	Face area	m ²	-	1	
	Internal coil volume	l	-	2	
	Operating pressure	bar	-	3	
	Average specific thermal output	W/K	-	280	

Thermal store

Pressureless domestic hot water tank with solar support

- > Tank designed for connection with pressurised thermal solar system
- > 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 (5001 tank only)



Accessory		EKHWP	300PB	500PB	
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)		
	Material		Impact resistant polypropylene		
Dimensions	Unit	Width	595	790	
		Depth	615	790	
Weight	Unit	Empty	58	89	
	Tank	Water volume	294	477	
	Material		Polypropylen		
		Maximum water temperature		85	
	Insulation	Heat loss	1.5	1.7	
	Energy efficiency class			B	
	Standing heat loss		64	72	
	Storage volume		294	477	
Heat exchanger	Domestic hot water	Quantity		1	
		Tube material		Stainless steel (DIN 1.4404)	
		Face area	m ²	5.600	5.800
		Internal coil volume	l	27.1	29.0
		Operating pressure	bar		6
		Average specific thermal output	W/K	2,790	2,825
	Charging	Quantity			1
		Tube material			Stainless steel (DIN 1.4404)
		Face area	m ²	3	4
		Internal coil volume	l	13	19
		Operating pressure	bar		3
		Average specific thermal output	W/K	1,300	1,800
Auxiliary solar heating	Tube material			Stainless steel (DIN 1.4404)	
	Face area	m ²	-	1	
	Internal coil volume	l	-	2	
	Operating pressure	bar	-	3	
	Average specific thermal output	W/K	-	280	

Solar collector

Thermal solar collector for hot water production

- › Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- › Horizontal and vertical solar collector for domestic hot water production
- › High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- › Easy to install on roof tiles



Accessory				EKSV/EKSH	21P	26P
Mounting					Vertical	
Dimensions				Unit	Horizontal	
HeightxWidthxDepth				mm	1,006x85x2,000	
Weight				kg	42	
Volume				l	1.7	
Surface				Outer	2.60	
				Aperture	2.360	
				Absorber	2.35	
Coating				Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing				Single pane safety glass, transmission +/- 92%		
Allowed roof angle Min.-Max.				°		
Operating pressure Max.				bar		
Stand still temperature Max.				°C		
Thermal performance				collector efficiency (η _{col})		
				%		
				0.781		
				0.784		
				4.240		
				4.250		
				0.006		
				0.007		
				4.9		
				6.5		
Auxiliary				Solpump		
				W		
				-		
				Solstandby		
				W		
				-		
				Annual auxiliary electricity consumption Q _{aux}		
				kWh		
				-		

EKSRDS2A/EKSRPS4A

Pump station

- › Save energy and reduce CO₂ emissions with a solar system for domestic hot water production
- › Pump station connectable to unpressurised solar system
- › Pump station and control provide the transfer of solar heat to the domestic hot water tank



Accessory				EKSRPS4A/EKSRDS2A	4A	2A
Mounting					On side of tank	On wall
Dimensions				Unit	6	
HeightxWidthxDepth				mm	815x142x230	
Weight				kg	410x314x154	
Operation range				Ambient temperature	Min.-Max.	
				°C	5-40	
Operating pressure Max.				bar	-	
Stand still temperature Max.				°C	85	
Thermal performance				collector efficiency (η _{col})	%	
				Zero loss collector efficiency q ₀	%	
					-	
Control				Type	Digital temperature difference controller with plain text display	
				Power consumption	W	
					2	
					5	
Power supply				Phase/Frequency/Voltage	Hz/V	
					1-/50/230	
					/50/230	
Sensor				Solar panel temperature sensor	Pt1000	
				Storage tank sensor	PTC	
				Return flow sensor	PTC	
				Feed temperature and flow sensor	Voltage signal (3.5V DC)	
Power supply intake					Indoor unit	
Auxiliary				Solpump	W	
					30	
				Solstandby	W	
					2.00	
					5.00	
				Annual auxiliary electricity consumption Q _{aux}	kWh	
					78	
					89	

Domestic hot water tank

Stainless steel domestic hot water tank

- > Stainless steel domestic hot water tank
- > Available in 150, 200 and 300 liters



Accessory		EKHWS	150B3V3	200B3V3	300B3V3	200B3Z2	300B3Z2	
Casing	Colour		Neutral white					
	Material		Epoxy-coated mild steel					
Dimensions	Unit	Width	580					
		Depth	580					
Weight	Unit	Empty	kg	37	45	59	45	59
Tank	Water volume		l	150	200	285	200	285
	Material			Stainless steel (DIN 1.4521)				
%	Maximum water temperature		°C	85				
	Insulation	Heat loss	kWh/24h	155.0	177.0	219.0	177.0	219.0
	Energy efficiency class			C				
	Standing heat loss		W	65	74	91	74	91
	Storage volume		i	150	200	285	200	285
	Heat exchanger	Quantity		1				
	Tube material		Duplex steel LDX 2101					
Booster heater	Capacity		kW					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		2~/50/400		

EKHWE(T)-A3V3/Z2

Domestic hot water tank

Enameled domestic hot water tank

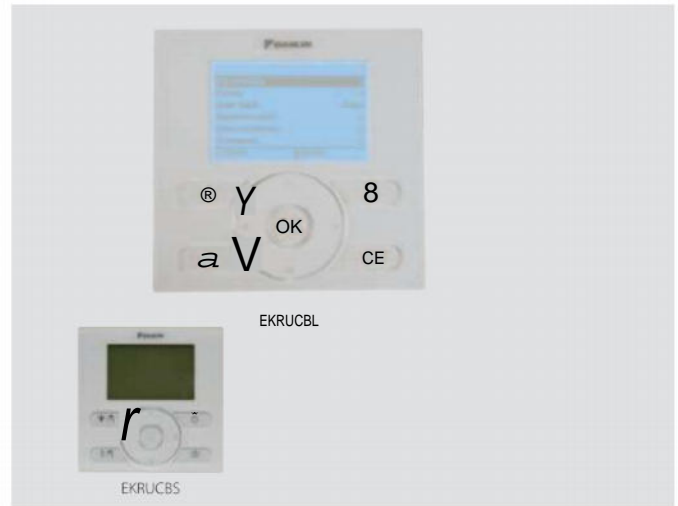
- > Enameled domestic hot water tank
- > Available in 150, 200 and 300 liters



Accessory		EKHWE/EKHWET	150A3V3	200A3V3	300A3V3	200A3Z2	300A3Z2	150A3V3	
Casing	Colour		RAL9010						
	Material		Epoxy coated steel						
Dimensions	Unit	Diameter	mm	545		660	545	660	545
	Unit	Empty	kg	80	104	140	104	140	82
Tank	Water volume		l	150	200	300	200	300	150
	Material			Enamel coated steel acc. DIN4753TL2					
%	Maximum water temperature		°C	75					
	Insulation	Heat loss	kWh/24h	1.7	1.9	2.5	1.9	2.5	-
	Energy efficiency class			C		D	C	D	C
	Standing heat loss		W	71	79	104	79	104	71
	Storage volume		l	150	200	300	200	300	150
	Heat exchanger	Quantity		1					
Booster heater	Capacity		kW						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		2~/50/400		1~/50/230	

User interface

- › User friendly remote control with contemporary design
- › For control of space heating, cooling and domestic hot water with among others reheat, scheduled and booster mode
- › Easy to use: all main functions directly accessible
- › An additional user interface can be a room thermostat in the space to be heated.
- › Several languages possible depending on the model : English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.
- › Easy commissioning: intuitive interface for advanced menu settings
- › User friendly simplified remote control with contemporary design
- › For control of space heating, cooling and domestic hot water, including booster mode
- › Easy to use: all main functions directly accessible
- › The simplified user interface can only be used in combination with the main user interface
- › Use of universal symbols, no text



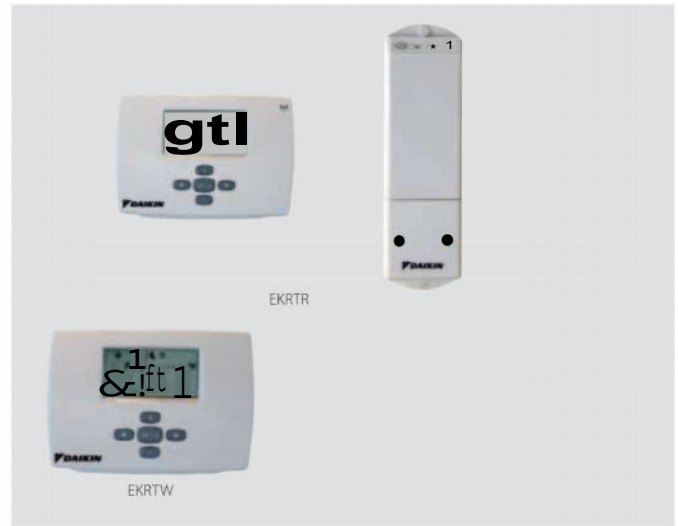
Indoor unit		EKRUCBL/EKRUCBS	1	2	3	4	5	6	7	EKRUCBS
Control systems	Class of temperature control						VI			
	Contribution to seasonal space heating efficiency	%					4.0			

EKRTR/EKRTW

Remote control

Room thermostat for easy regulation of the indoor temperature

- › Easy and convenient regulation of the indoor temperature, resulting in ideal comfort and energy efficiency
- › Heating and cooling mode, with possibility to disable cooling mode if not required
- › Comfort function mode activates the programmed temperature levels intended for a home occupied during the day; default setpoints are 21°C in heating mode and 24°C in cooling mode and can be changed by the user
- › Reduced function mode activates the programmed temperature levels for periods when the house is unoccupied or at night; default setpoints are 17°C in heating, 28°C in cooling mode and can be changed by the user
- › Scheduled function mode: uses a timer to schedule heating and cooling setpoints throughout the day; up to 12 setpoints can be programmed per day; the selected setpoints will be automatically activated at the scheduled time
- › Holiday function mode: intended for setting reduced and fuel-efficient setpoints when the house is unoccupied for long periods. The default setpoints are 14°C for heating and 30°C for cooling.
- › Off function: switches the system off; however, the integrated frost protection remains activated (set by default at 4°C).
- › Setpoint limitation sets the upper and lower setpoint limits within which the user can programme the desired comfort levels and can only be modified by the installer
- › Number of setpoint changes: 12/day
- › Key lock function: possible to lock the keys of the room thermostat

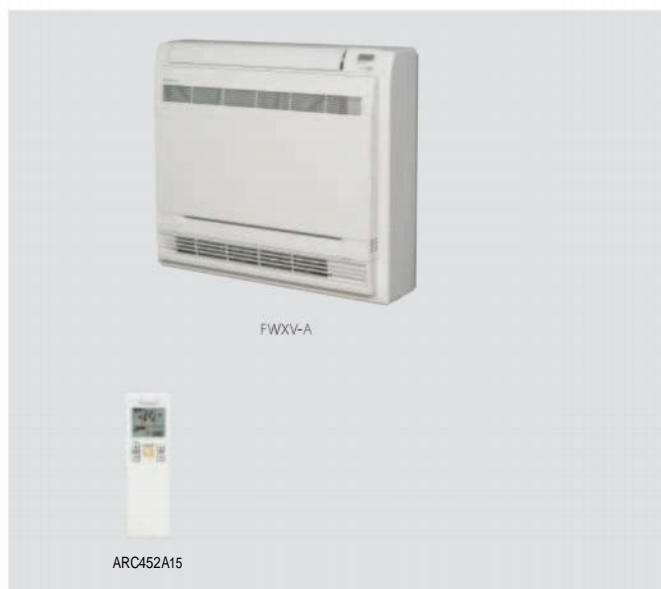


Dimensions		Unit	HeightxWidthxDepth	mm	EKRTR	EKRTWA
	Thermostat	Height/Width/Depth	mm		87/125/34	-/-/-
	Receiver	Height/Width/Depth	mm		170/50/28	-/-/-
Weight		Unit		g		
	Thermostat			g	210	-
	Receiver			g	125	-
Ambient temperature		Storage	Min./Max.	°C		
	Operation <td></td> <td></td> <td>°C</td> <td>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

Heat pump convector

Floor standing unit saving on running costs when combined with under floor heating thanks to its low leaving water temperatures

- > Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- > Energy efficient heating and cooling system based on air source heat pump technology
- > Optimum energy efficiency when connected to a Daikin Altherma low temperature system
- > The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- > Its low height enables the unit to fit perfectly beneath a window
- > Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- > Can be installed against a wall or recessed



Indoor Unit			FWXV	15A	20A
Heating capacity	Total capacity	Nom.	kW	1.5	2.0
			Btu/h	5,100	6,800
Cooling capacity	Total capacity	Nom.	kW	1.2	1.7
	Sensible capacity	Nom.	kW	0.98	1.4
Power input	Heating	Nom.	kW	0.013	0.015
	Cooling	Nom.	kW	0.013	0.015
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet		mm/inch	18/G 1/2/G 1/2	
Sound pressure level	Heating	Nom.	dBA	19	29
	Cooling	Nom.	dBA	19	29
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

(1) The range of usable water temperature is 6°C (Min.) to 60°C (Max.) (2) Maximum allowable water pressure is 1.18MPa. (3) Comply with drinking water directive 98/83/EC for chilled water, hot water and make up water (4) The amount of water circulation should be 3lVmin to 15lVmin (0.18m³/hr to 0.9m³/hr), (5) Allowable model of hydrobox interlinking is BA-series. (6) Heat insulation: both inlet and outlet pipes



Heating & domestic hot water for renovations



Why choose Daikin Altherma high temperature?

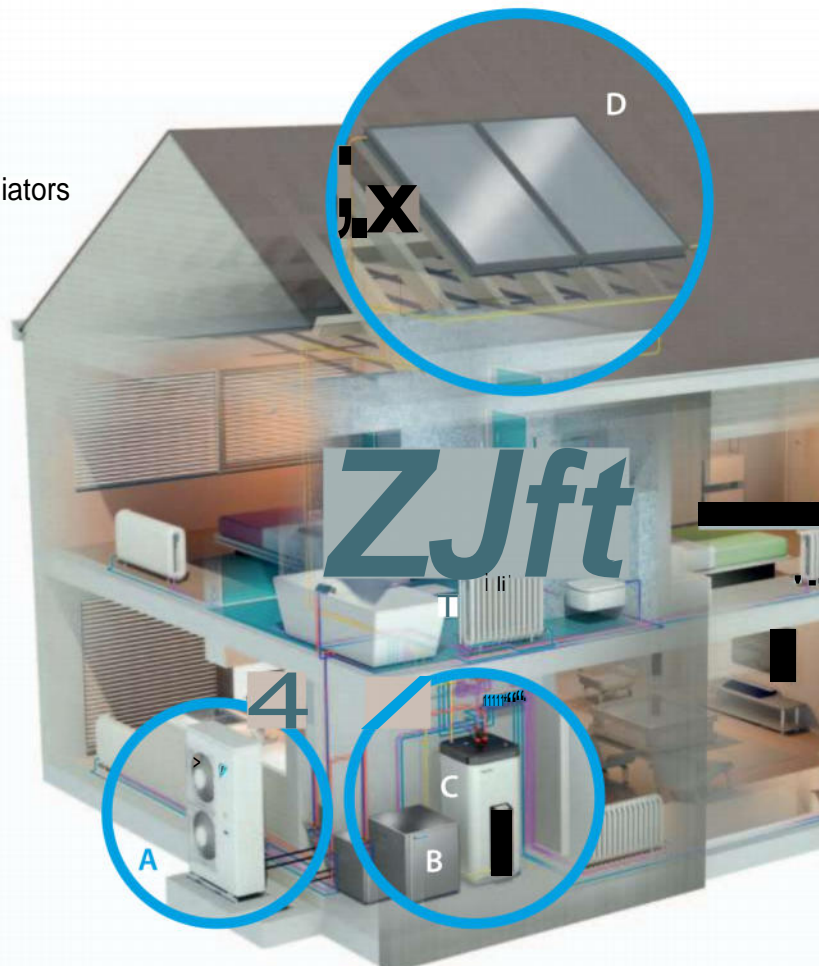
Daikin Altherma high temperature is ideal **to replace a current oil boiler**, without replacing your existing radiators.

It offers a wide range to adapt to your customer's needs.

- Heating and domestic hot water with optional solar connection
- Capacities from 11 to 16 kW
- Combinable with existing high temperature radiators
- Easy control

Energy efficient solution when replacing an oil boiler

- › Low running costs and optimum comfort at even the coldest outdoor temperatures, thanks to the unique cascade compressor approach
- › No need to change existing radiators and piping as water temperatures can be increased up to 80°C for heating and domestic hot water use
- › Only limited installation space needed as the indoor unit and domestic hot water tank can be stacked on each other



- A Outdoor unit
- B Indoor unit
- C Domestic hot water tank
- D Optional solar connection

User interface

With Daikin Altherma's user interface, the ideal temperature can be easily, quickly and conveniently regulated. It allows for more precise measurement and can regulate your comfort even more optimally and energy efficiently.

Heat emitters

The Daikin Altherma high temperature system is designed to work only with high-temperature radiators, which come in various sizes and formats to suit the interior design as well as the heating requirement. Our radiators can be individually controlled or they can be regulated by the central heating control programme.

Solar connection

The Daikin Altherma high temperature heating system can optionally use solar energy for hot water production.

If the solar energy is not required immediately, the purpose-built hot water tank (EKHWP) can store large quantities of heated water for up to a day for later use as domestic hot water or for heating.

Supporting tools

Extranet

- › Experience our new business portal at my.daikin.eu
- › Find information easily
- › Access via mobile or desktop
- › Customise the options so you see only info relevant for you

Internet

- › Find our solutions for different applications on www.daikineurope.com/for-your-home/needs/heating/air-water-heatpumps-ht/

Literature

- › See all the literature available on www.daikineurope.com/support-and-manuals/catalogues

Software

- › Select your heating system on <https://webtools.daikin.eu>



Daikin Altherma high temperature split

Floor standing heating only air to water heat pump combinable with existing radiators

- > Energy efficient heating only system based on air to water heat pump technology
- > Single and three phase floor standing indoor unit up to 16kW
- > High temperature application: up to 80°C without electric heater
- > Easy replacement of existing boiler, without changing heating pipes
- > Combinable with high temperature radiators
- > Low energy bills and low CO₂ emissions
- > Inverter controlled scroll compressor
- > Outdoor unit extracts heat from the outdoor air, even at -20°C



Efficiency data		EKHBRD + ERRQ/ERSQ		011ADV1 + 011AV1	014ADV1 + 014AV1	016ADV1 + 016AV1	011ADY1 + 011AY1	014ADY1 + 014AY1	016ADY1 + 016AY1
Space heating	Average climate water outlet 55°C	General	SCOP	2.65	2.66	2.61	2.65	2.66	2.61
			η _s (Seasonal space heating efficiency)	103	104	102	103	104	102
			Seasonal space heating eff. class	A+					
	Average climate water outlet 35°C	General	SCOP	2.70	2.81	2.88	2.70	2.81	2.88
η _{qs} (Seasonal space heating efficiency)			105	110	112	105	110	112	
		Seasonal space heating eff. class		C	B		C	B	
Domestic hot water heating	General	Declared load profile		-					
	Average climate	η _{wh} (water heating efficiency)		-					
			Water heating energy efficiency class		-				
Heating capacity	Nom.	kW		113 (1) / 11.0 (2) / 11.2 (3)	145 (1) / 14.0 (2) / 14.4 (3)	16.0 (1) / 16.0 (2) / 16.0 (3)	11.3 (1) / 11.0 (2) / 11.2 (3)	14.5 (1) / 14.0 (2) / 14.4 (3)	16.0 (1) / 16.0 (2) / 16.0 (3)
Power input	Heating	kW		3.80 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.86 (1) / 6.65 (2) / 4.31 (3)	3.80 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.86 (1) / 6.65 (2) / 4.31 (3)
COP				2.97 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.73 (1) / 2.41 (2) / 3.72 (3)	2.97 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.73 (1) / 2.41 (2) / 3.72 (3)

Indoor Unit		EKHBRD		011ADV1	014ADV1	016ADV1	011ADY1	014ADY1	016ADY1	
Casing	Colour			Metallic grey						
	Material			Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm						
Weight	Unit			144			147			
Operation range	Heating	Ambient	Min.-Max.	°C						
		Waterside	Min.-Max.	°C						
	Domestic hot water	Ambient	Min.-Max.	°CDB						
		Waterside	Min.-Max.	°C						
Refrigerant	Type			R-134a						
	Charge			kg						
			TCO ₂ eq		3.718					
			GWP		1430					
Sound pressure level	Nom.	dBA		43.0 (2) / 46.0 (3)	45.0 (2) / 46.0 (3)	46.0 (2) / 46.0 (3)	43.0 (2) / 46.0 (3)	45.0 (2) / 46.0 (3)	46.0 (2) / 46.0 (3)	
	Night quiet mode	Level 1		40	43	45	40	43	45	

Outdoor Unit		ERRQ/ERSQ		011AV1	014AV1	016AV1	011AY1	014AY1	016AY1
Dimensions	Unit	HeightxWidthxDepth		mm					
Weight	Unit			kg					
Compressor	Quantity			1					
	Type			Hermetically sealed scroll compressor					
Operation range	Heating	Min.-Max.		°CWB					
	Domestic hot water	Min.-Max.		°CDB					
Refrigerant	Type			R-410A					
	GWP			2,087.5					
	Charge			kg					
			TCO ₂ eq		4.5				
		Control		Expansion valve (electronic type)					
Sound power level	Heating	Nom.		68	69	71	68	69	71
Sound pressure level	Heating	Nom.		52	53	55	52	53	55
Power supply	Name/Phase/Frequency/Voltage			V1/1~/50/220-240			Y1/3~/50/380-415		
Current	Recommended fuses		A	25		16			

(1) EW 55°C; LW 65°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB (2) EW 70°C; LW 80°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB (3) EW 30°C; LW 35°C; Dt 5°C; ambient conditions: 7°CDB/6°CWB

(2) Sound levels are measured at: EW 55°C; LW 65°C; Dt 10°C; ambient conditions 7°CWB/6°CWB


(3) Sound levels are measured at: EW 70°C; LW 80°C; Dt 10°C; ambient conditions 7°CDB/6°CWB

Thermal store

Plastic domestic hot water tank with solar support

- > Tank designed for connection with drainback thermal solar system
- > 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 (5001 tank only)




Accessory		EKHWP	300B	500B	
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)		
	Material		Impact resistant polypropylene		
Dimensions	Unit	Width	595	790	
		Depth	615	790	
Weight	Unit	Empty	58	82	
	Tank	Water volume	294	477	
	Material		Polypropylen		
		Maximum water temperature		85	
	Insulation	Heat loss	kWh/24h	1.5	1.7
	Energy efficiency class			B	
	Standing heat loss		W	64	72
	Storage volume		l	294	477
Heat exchanger	Domestic hot water	Quantity		1	
		Tube material		Stainless steel (DIN 1.4404)	
		Face area	m ²	5.600	5.800
		Internal coil volume	l	27.1	29.0
		Operating pressure	bar		6
		Average specific thermal output	W/K	2,790	2,825
	Charging	Quantity			1
		Tube material			Stainless steel (DIN 1.4404)
		Face area	m ²	3	4
		Internal coil volume	l	13	19
		Operating pressure	bar		3
		Average specific thermal output	W/K	1,300	1,800
Auxiliary solar heating	Tube material		-	Stainless steel (DIN 1.4404)	
	Face area	m ²	-	1	
	Internal coil volume	l	-	2	
	Operating pressure	bar	-	3	
	Average specific thermal output	W/K	-	280	

Thermal store

Pressureless domestic hot water tank with solar support

- > Tank designed for connection with pressurised thermal solar system
- > 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 (5001 tank only)

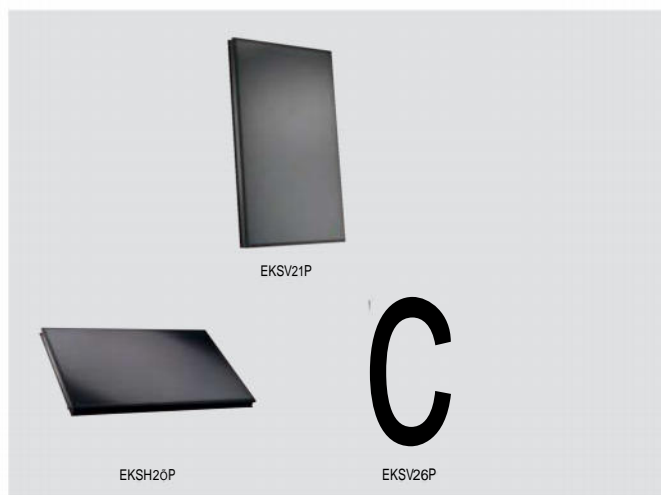


Accessory		EKHWP	300PB	500PB	
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)		
	Material		Impact resistant polypropylene		
Dimensions	Unit	Width	595	790	
		Depth	615	790	
Weight	Unit	Empty	58	89	
	Tank	Water volume	294	477	
	Material		Polypropylen		
		Maximum water temperature		85	
	Insulation	Heat loss	kWh/24h	1.5	1.7
	Energy efficiency class			B	
	Standing heat loss		W	64	72
	Storage volume		l	294	477
Heat exchanger	Domestic hot water	Quantity		1	
		Tube material		Stainless steel (DIN 1.4404)	
		Face area	m ²	5.600	5.800
		Internal coil volume	l	27.1	29.0
		Operating pressure	bar		6
		Average specific thermal output	W/K	2,790	2,825
	Charging	Quantity			1
		Tube material			Stainless steel (DIN 1.4404)
		Face area	m ²	3	4
		Internal coil volume	l	13	19
		Operating pressure	bar		3
		Average specific thermal output	W/K	1,300	1,800
Auxiliary solar heating	Tube material		-	Stainless steel (DIN 1.4404)	
	Face area	m ²	-	1	
	Internal coil volume	l	-	2	
	Operating pressure	bar	-	3	
	Average specific thermal output	W/K	-	280	

Solar collector

Thermal solar collector for hot water production

- › Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- › Horizontal and vertical solar collector for domestic hot water production
- › High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- › Easy to install on roof tiles



Accessory				EKS/EKSH	21P	26P
Mounting					Vertical	
Dimensions				Unit	Horizontal	
HeightxWidthxDepth				mm	1,006x85x2,000	
Weight				kg	42	
Volume				l	1.7	
Surface				Outer	2.01	
				Aperture	2.60	
				Absorber	2.360	
Coating					Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)	
Absorber					Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate	
Glazing					Single pane safety glass, transmission +/- 92%	
Allowed roof angle				Min.-Max.	15-80	
Operating pressure				Max.	6	
Stand still temperature				Max.	192	
Thermal performance				collector efficiency (η _{col})	61	
				Zero loss collector efficiency q ₀	0.781	
				Heat loss coefficient a ₁	4.240	
				Temperature dependence of the heat loss coefficient a ₂	0.006	
				Thermal capacity	4.9	
Auxiliary				Solpump	-	
				Solstandby	-	
				Annual auxiliary electricity consumption Q _{aux}	-	

EKSRDS2A/EKSRPS4A

Pump station

- › Save energy and reduce CO₂ emissions with a solar system for domestic hot water production
- › Pump station connectable to unpressurised solar system
- › Pump station and control provide the transfer of solar heat to the domestic hot water tank



Accessory				EKSRPS4A/EKSRDS2A	4A	2A
Mounting					On side of tank	On wall
Dimensions				Unit	815x142x230	
HeightxWidthxDepth				mm	410x314x154	
Weight				kg	6	
Operation range				Ambient temperature	Min.-Max.	
				°C	5-40	
Operating pressure				Max.	6	
Stand still temperature				Max.	120	
Thermal performance				collector efficiency (η _{col})	-	
				Zero loss collector efficiency q ₀	-	
Control				Type	Digital temperature difference controller with plain text display	
				Power consumption	W	
					2	
Power supply				Phase/Frequency/Voltage	Hz/V	
					1-/50/230	
Sensor				Solar panel temperature sensor	Pt1000	
				Storage tank sensor	PTC	
				Return flow sensor	PTC	
				Feed temperature and flow sensor	Voltage signal (3.5V DC)	
Power supply intake					Indoor unit	
Auxiliary				Solpump	W	
					30	
				Solstandby	W	
					2.00	
				Annual auxiliary electricity consumption Q _{aux}	kWh	
					78	
					89	

Domestic hot water tank

Stackable stainless steel domestic hot water tank

- > Stainless steel domestic hot water tank
- > The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- > Available in 200 and 260 liters
- > Heat loss is reduced to a minimum thanks to the high quality insulation
- > At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- > Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes



Accessory		EKHTS			200AC	260AC	
Casing	Colour	Metallic grey					
	Material	Galvanised steel (precoated sheet metal)					
Dimensions	Unit	Height	Integrated on indoor unit	mm	2,010	2,285	
		Width					600
	Depth	695					
Weight	Unit	Empty		kg	70	78	
Tank	Water volume			l	200	260	
	Material	Stainless steel (EN 1.4521)					
	Maximum water temperature			°C	75		
	Insulation	Heat loss			kWh/24h	12.0	15.0
		Energy efficiency class	B				
	Standing heat loss				W	50	63
Storage volume				l	200	260	
Heat exchanger	Quantity	1					
	Tube material	Duplex steel (EN 1.4162)					
	Face area			m ²	1.560		
	Internal coil volume			l	7.5		

Daikin Altherma Flex Type

for large residential and commercial applications

Why choose Daikin Altherma Flex Type

Daikin Altherma Flex Type is a flexible solution for space heating, domestic hot water and cooling for e.g. apartments, spas, hotels and restaurants

- Low operating costs thanks to high efficiency
- Large hot water volume
- Cooling in the most efficient way thanks to heat recovery technology
- Limited installation space thanks to small footprint of indoor unit and outdoor unit

Heat emitters

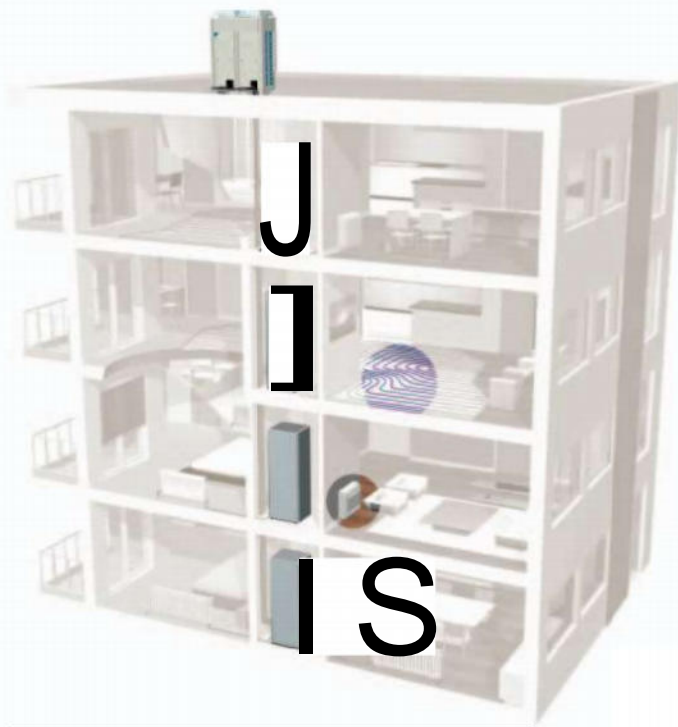
All types of heat emitters can be connected thanks to its wide water temperature range (up to 80°C) and its ability to work with multiple set points, allowing a combination of different heat emitters operating at different water temperatures.

Modular system

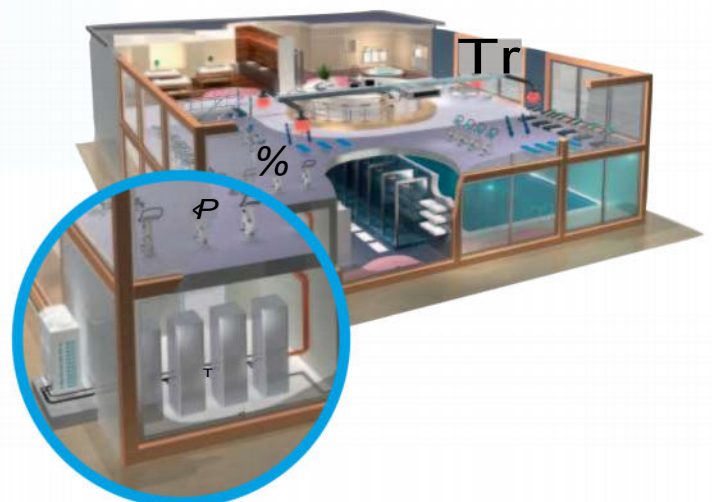
One or more outdoor units can be connected to several indoor units (maximum 10 indoor units per outdoor unit).

Advanced control and monitoring

To further increase the efficiency, an RTD-W per indoor unit and a sequencing controller for the full heating system can be installed to monitor the exact heating demand.



- 1 Heating
- 2 Cooling
- 3 Hot water



Supporting tools

Extranet

- > Experience our new business portal at my.daikin.eu
- > Find information easily

Literature

- > See all the literature available on www.daikineurope.com/support-and-manuals/catalogues

Daikin Altherma Flex Type

Floor standing reversible air to water heat pump for large residential and commercial applications

- > Floor standing indoor unit up to 9kW
- > Low energy bills and low CO₂ emissions
- > Energy efficient heating only and reversible system based on air to water heat pump technology
- > High temperature application: up to 80°C without electric heater
- > Flexible configuration with respect to heat emitters
- > Inverter controlled scroll compressor



Indoor Unit		EKHVMRD/EKHVMYD		50AB	80AB	S0AB	80AB
Casing	Colour	Metallic grey					
	Material	Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm	705x600x695			
Weight	Unit		kg	92			120
Operation range	Heating	Ambient	Min.-Max. °C	-15-20			
		Waterside	Min.-Max. °C	25-80			
	Cooling	Ambient	Min.-Max. °CDB	—		10-43	
		Waterside	Min.-Max. °C	—		5-20	
	Domestic hot water	Ambient	Min.-Max. °CDB	-15-35			
		Waterside	Min.-Max. °C	45-75			
Refrigerant	Type	R-134a					
	Charge		kg	2.0			
			TCO ₂ eq	2,68			
	GWP	1430					
Sound pressure level	Norn.		dBA	40 / 43 / 0 / 0	42 / 43 / 0 / 0	40 / 43 / 0 / 0	42 / 43 / 0 / 0
	Night quiet mode	Level 1	dBA	38 / 0 / 0			

Daikin Altherma high temperature split

Floor standing heating only air to water heat pump combinable with existing radiators

- > Energy efficient heating only system based on air to water heat pump technology
- > Single and three phase floor standing indoor unit up to 16kW
- > High temperature application: up to 80°C without electric heater
- > Easy replacement of existing boiler, without changing heating pipes
- > Combinable with high temperature radiators
- > Low energy bills and low CO₂ emissions
- > Inverter controlled scroll compressor



Indoor Unit		EKHBRD	011ADV1	014ADV1	016ADV1	011ADY1	014ADY1	016ADY1
Casing	Colour		Metallic grey					
	Material		Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm					
Weight	Unit		kg					
Operation range	Heating	Ambient	Min.-Max.		°C			
		Waterside	Min.-Max.		°C			
	Domestic hot water	Ambient	Min.-Max.		°CDB			
		Waterside	Min.-Max.		°C			
Refrigerant	Type		R-134a					
	Charge		kg					
			TCO ₂ eq					
	GWP		1,430					
Sound pressure level	Norn.	dBA	43.0/46.0/0.00/0.00	45.0/46.0/0.00/0.00	46.0/46.0/0.00/0.00	43.0/46.0/0.00/0.00	45.0/46.0/0.00/0.00	46.0/46.0/0.00/0.00
	Night quiet mode	Level 1	dBA	40/0/0	43/0/0	45/0/0	40/0/0	43/0/0

Daikin Altherma Flex Type

- › Low energy bills and low CO₂ emissions
- › Easy installation and maintenance
- › Integrated heat recovery system
- › The ultimate heating solution for residential and commercial applications based on air to water heat pump technology
- › Customised to meet your building's needs: up to 10 indoor units can be connected to 1 outdoor unit



Outdoor Unit		EMRQ		8A	10A	12A	14A	16A
Heating capacity	Nom.	kW		22.4 (6)	28 (6)	33.6 (6)	39.2 (6)	44.8 (6)
Cooling capacity	Nom.	kW		20 (7)	25 (7)	30 (7)	35 (7)	40 (7)
Seasonal efficiency £ #	Domestic hot water heating	General Average climate	Declared load profile qwh (water heating efficiency) Water heating energy efficiency class	XL				
				93		83.7		93
	Average climate water outlet 55°C	General	η _s (Seasonal space heating efficiency) SCOP Seasonal space heating eff. Class	A				
				108	104	103	106	103
			2.78	2.68	2.64	2.74	2.64	
			A+					
Casing	Colour	Daikin White						
	Material	Painted galvanized steel plate						
Dimensions	Unit	HeightxWidthxDepth	mm					
Weight	Unit			1,680x1,300x765			339	
Operation range	Heating	Min.			-15			
		Max.			20			
	Domestic hot water	Ambient	Min.=Max.	-15-35				
	Cooling	Min.			10			
Max.				43				
Refrigerant	Type	R-410A						
	GWP	2,087.5						
	Charge	kg		10.3	10.6	10.8	11.1	
		TCO ₂ eq		21.5	22.1	22.5	23.2	
Piping connections	Liquid	OD			9.52			12.7
		Suction			19.1			28.6
	High and low pressure gas	OD			15.9			22.2
		Piping length	OU - IU	Max.	100			
		System	Equivalent	120				
	Total piping length	System	Actual	300				
Sound power level	Heating	Nom.			78	80	83	84
Sound pressure level	Heating	Nom.			58	60	62	63
Power supply	Phase/Voltage	V						
Current	Recommended fuses	A		20	25	40		

(1) 100% connection ratio of EMRQ8A / 4x EKHVMD50AB / 4x EKHTS260AC (2) 100% connection ratio of EMRQ10A / 2x EKHBRD014AD / 2x EKHTS260AC (3) 100% connection ratio of EMRQ12A / 2x EKHBRD016AD / 2x EKHTS260AC (4) 100% connection ratio of EMRQ14A / 7x EKHVMD50AB / 7x EKHTS260AC (5) 100% connection ratio of EMRQ16A / 4x EKHBRD016AD / 4x EKHTS260AC (6) Condition: Ta=7°CDB/6°CWB, 100% connection ratio (7) Condition: Ta=35°CDB, 100% connection ratio (8) Contains fluorinated greenhouse gases

Thermal store

Plastic domestic hot water tank with solar support

- > Tank designed for connection with drainback thermal solar system
- > 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 (5001 tank only)



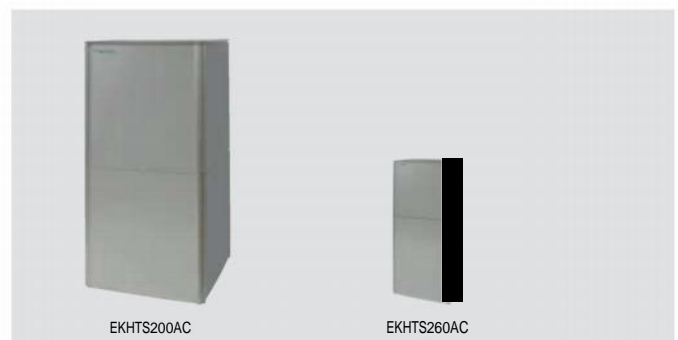
Accessory		EKHWP		300B	500B	
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material	Impact resistant polypropylene				
Dimensions	Unit	Width	mm	595	790	
		Depth	mm	615	790	
Weight	Unit	Empty	kg	58	82	
	Tank	Water volume	l	294	477	
Heatexchanger	Domestic hot water	Material	Polypropylen			
		Maximum water temperature	°C	85		
	Insulation	Heat loss	kWh/24h	1.5	1.7	
		Energy efficiency class		B		
	Standing heat loss		W	64	72	
		Storage volume	l	294	477	
	Charging	Domestic hot water	Quantity	1		
			Tube material	Stainless steel (DIN 1.4404)		
		Face area	m ²	5,600	5,800	
			Internal coil volume	l	27.1	29.0
Operating pressure		bar	6			
		Average specific thermal output	W/K	2,790	2,825	
Charging		Domestic hot water	Quantity	1		
			Tube material	Stainless steel (DIN 1.4404)		
Face area		m ²	3	4		
		Internal coil volume	l	13	19	
Operating pressure	bar	3				
	Average specific thermal output	W/K	1,300	1,800		
Auxiliary solar heating	Tube material	Stainless steel (DIN 1.4404)				
		Face area	m ²	1		
	Internal coil volume	l	2			
	Operating pressure	bar	3			
	Average specific thermal output	W/K	280			

EKHTS-AC

Domestic hot water tank

Stackable stainless steel domestic hot water tank

- > Stainless steel domestic hot water tank
- > The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- > Available in 200 and 260 liters
- > Heat loss is reduced to a minimum thanks to the high quality insulation
- > At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- > Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes



Accessory		EKHTS		200AC	260AC	
Casing	Colour	Metallic grey				
	Material	Galvanised steel (precoated sheet metal)				
Dimensions	Unit	Height	Integrated on indoor unit	2,010	2,285	
		Width	mm	600		
	Depth	mm	695			
Weight	Unit	Empty	kg	70	78	
	Tank	Water volume	l	200	260	
Heat exchanger	Domestic hot water	Material	Stainless steel (EN 1.4521)			
		Maximum water temperature	°C	75		
	Insulation	Heat loss	kWh/24h	12.0	15.0	
		Energy efficiency class		B		
	Standing heat loss		W	50	63	
		Storage volume	l	200	260	
	Charging	Domestic hot water	Quantity	1		
			Tube material	Duplex steel (EN 1.4162)		
		Face area	m ²	1,560		
			Internal coil volume	l	7.5	

Heat pump convector

Floor standing unit saving on running costs when combined with under floor heating thanks to its low leaving water temperatures

- > Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- > Energy efficient heating and cooling system based on air source heat pump technology
- > Optimum energy efficiency when connected to a Daikin Altherma low temperature system
- > The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- > Its low height enables the unit to fit perfectly beneath a window
- > Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- > Can be installed against a wall or recessed



Indoor Unit			FWXV	15A	20A
Heating capacity	Total capacity	Nom.	kW	1.5	2.0
			Btu/h	5,100	6,800
Cooling capacity	Total capacity	Nom.	kW	1.2	1.7
			Sensible capacity	Nom.	kW
Power input	Heating	Nom.	kW	0.013	0.015
			Cooling	Nom.	kW
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet		mm/inch	18/G 1/2/G 1/2	
Sound pressure level	Heating	Nom.	dBA	19	29
			Cooling	Nom.	dBA
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

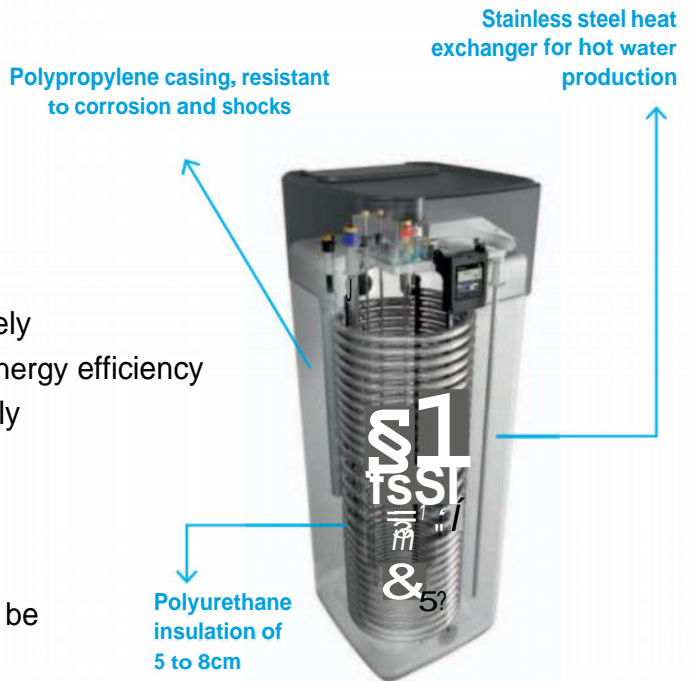
(1) The range of usable water temperature is 6°C (Min.) to 60°C (Max.) (2) Maximum allowable water pressure is 1.18MPa. (3) Comply with drinking water directive 98/83/EC for chilled water, hot water and make up water (4) The amount of water circulation should be 3lVmin to 15lVmin (0.18m³/hr to 0.9m³/hr), (5) Allowable model of hydrobox interlinking is BA-series. (6) Heat insulation: both inlet and outlet pipes

Domestic hot water heat pump

Hot water in an efficient way

Why choose the domestic hot water heat pump?

- Domestic hot water is heated almost immediately
- Combine it with solar heating for even better energy efficiency
- Easy installation: no water tank pressure and only limited pressure in the heat exchanger
- Low maintenance: no anode means no scale and lime deposits or corrosion
- Electrical back-up (2.5 kW) ensures hot water under all circumstances. The 500L tank can also be equipped with an external hydraulic back-up.



How does it work?

The outdoor unit extracts (pumps) heat from the air. Through a heat exchanger this heat is transferred directly to the storage tank – for hot water almost immediately.



High performance inverter heat pump

Just using the heat pump, hot water can be provided up to 55°C and hot water production is guaranteed down to -15°C.

Solar connection

For even more energy efficiency the heat pump can be combined with solar collectors. Two technologies are possible:

Pressureless (drain-back)

The solar collectors are only filled with water when the sun provides enough heat. In this case, both pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water. After filling, one switches off and the other maintains water circulation. If there is not enough sunshine or if the solar storage tank doesn't need more heat, the circulation pump switches off and the entire solar system drains into the storage tank.

Pressurised

This system uses heat transfer fluid containing antifreeze to avoid freezing in winter. The whole system is pressurised and sealed.

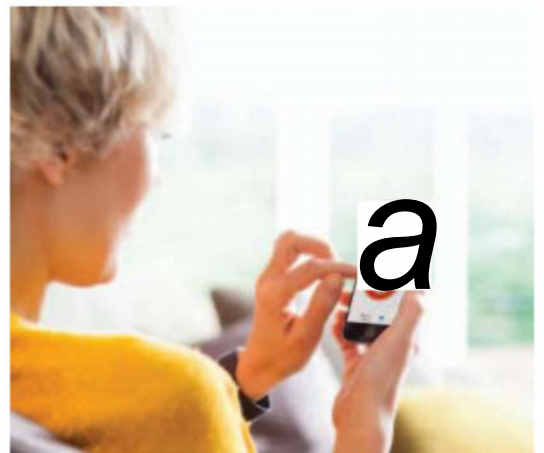


Always in control, no matter where you are

- › App control with Daikin's online controller
 - › to adjust a room's temperature, the flow rate or operation mode from your smart phone, anytime and anywhere
 - › to keep an eye on your energy consumption



Control via app



Utilise renewable energy to create a self-sustaining heating system

- › thermal solar support: use thermal solar collectors to (pre-)heat your domestic hot water
- › photovoltaic support: use electricity from your photovoltaic solar collectors to provide energy for your heat pump

Domestic hot water heat pump

Hot water in an efficient way

- > Domestic hot water is heated almost immediately
- > Combine it with solar heating for even better energy efficiency
- > Easy installation: no water tank pressure and only limited pressure in the heat exchanger
- > Low maintenance: no anode means no scale and lime deposits or corrosion
- > Electrical back-up (2.5 kW) ensures hot water under all circumstances. The 500L tank can also be equipped with an external hydraulic back-up.
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data		EKHHP + ERWQ		300A2V3 + 02AV3		500A2V3 + 02AV3	
Domestic hot water heating	General	Declared load profile		L		XL	
	Average climate	qwh (water heating efficiency)	%	119		123	
		Water heating energy efficiency class		A			
Power input	Domestic hot water	Min.	kW	0.004			
		Max.	kW	0.03			
COP				4.30 (1)			

Indoor Unit		EKHHP		300A2V3		500A2V3	
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)					
Dimensions	Unit	HeightxWidthxDepth	mm	1,750x615x615		1,750x790x790	
Weight	Unit		kg	70		80	
Tank	Water volume		l	294		477	
	Maximum water temperature		°C			85	
	Maximum water pressure		bar			0	
Operation range	Domestic hot water	Ambient	Min.-Max.	°CDB		2-35	
		Waterside	Min.-Max.	°C		5-55	
Refrigerant	Type					R-410A	
	Charge	TCO ₂ eq				-	
	GWP					-	
Sound power level	Nom.					0	
Sound pressure level	Nom.					0	

Outdoor Unit		ERWQ		02AV3	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	
Weight	Unit		kg	35	
Compressor	Quantity			1	
	Type			Hermetically sealed swing compressor	
Operation range	Domestic hot water	Min.-Max.	°CDB	-15-35	
Refrigerant	Type			R-410A	
	GWP			2,087.5	
	Charge	TCO ₂ eq		2.2	
				kg	
Sound pressure level	Heating	Nom.	dBA	47	
	Cooling	Nom.	dBA	47	
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1~/50/230	

(1) at 7°C ambient temperature (2) Contains fluorinated greenhouse gases



Why choose the Daikin gas condensing boiler?

NEW



Connectivity/Cloud Service

Always in control, no matter where you are

Easy installation and service

All parts are accessible from the front and low maintenance thanks to gas-adaptive combustion system Lambda Gx with fully electronic gas-air combination

Solar thermal connection

Combi boiler: Solar pre-heating
Heating only boiler: solar controller input

Low weight

<30 kg



Most compact

400 x 255 x 580 mm

Flexible in use

Thanks to IPX5D standard and its compact dimensions, possible to install in nearly all room conditions, like cupboards, balcony etc.

Modulation 1:8

Capacity adapts to required heat from 3 to 24 kW

Daikin eye

Easy to see if unit is in operation, stand by mode or if an error occurs

Daikin gas condensing technology



Gas Valve

> Less maintenance needed. It requires little servicing, only a function check once a year is recommended

Fan

> Wider modulation range
> Low noise revolution

Heat exchanger

> 100% Daikin design
> High Capacity/Weight index (~7kg)

Condensate Trap

> Daikin design

Domestic hot water plate heat exchanger

> Increased number of plates to provide faster hot water production at high efficiency.

Pump & Return hydroblock Includes filter and flow restrictor

> Air vent + plate heat exchanger connection + Drain tap + Internal bypass

Supporting tools

Extranet

- > Experience our business portal at my.daikin.eu
- > Find information easily
- > Access via mobile or desktop
- > Customise the options so you see only info relevant for you



Gas condensing boiler

Supremely compact gas condensing boiler, controllable via app

- > Very compact unit and flexible in use: possible to install in nearly all room conditions
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Easy installation and service: all parts are accessible from the front
- > Low maintenance as only a function check is recommended once a year
- > Solar thermal connection possible



NEW

Indoor Unit		D2CND/D2TND		024A0AIT/1A/4A	028A1/4A	035A1/4A	012A4A	018A4A	024A4A	028A4A	035A4A
Gas	Connection	Diameter	inch	3/4" Male Thread			3/4" Male Thread				
Gas	Gas Consumption (G20)		m ³ /h	2.48	3.01	3.77	1.23	1.85	2.48	3.01	3.77
	Gas Consumption (G25)		m ³ /h	2.89	3.42	4.28	1.44	2.15	2.89	3.42	4.28
	Gas Consumption (G31)		m ³ /h	0.96	1.15	1.44	0.48	0.71	0.96	1.15	1.44
Central heating	Nom. input rating (lower value)		kW	2.9 - 23.5	3.8 - 27.1	4.7 - 34	2.9 - 11.7	2.9 - 17.5	2.9 - 23.5	3.8 - 27.1	4.7 - 34
	Nom. input rating (upper value)		kW	3.2 - 26.1	4.2 - 30	5.2 - 37.7	3.2 - 13.0	3.2 - 19.4	3.2 - 26.1	4.2 - 30	5.2 - 37.7
	Output at 80/60°C Min - Nom		kW	2.8 - 22.8	3.6 - 26	4.46 - 32.6	2.8 - 11.4	2.8 - 17.0	2.8 - 22.8	3.6 - 26	4.46 - 32.6
	Output at 50/30°C Min - Nom		kW	3.1 - 24.0	4 - 28	5 - 35	3.1 - 12	3.1 - 18.0	3.1 - 24.0	4 - 28	5 - 35
	Min. Output at 30/40		kW	3.2	4.1	5.0	3.2	3.2	3.2	4.1	5.0
	Efficiency		%	108.7%	108.0%	108%	108.7%	108.7%	108.7%	108%	108%
	Max. CH water pressure		bar	3			3				
	Max. CH water temperature		°C	80			80				
Domestic hot water	Nom. input rating (lower value)		kW	2.9 - 23.5	3.8 - 27.1	4.7 - 34	2.9 - 11.7	2.9 - 17.5	2.9 - 23.5	3.8 - 27.1	4.7 - 34
	Nom. input rating (upper value)		kW	3.2 - 26.1	4.2 - 30	5.2 - 37.7	3.2 - 13.0	3.2 - 19.4	3.2 - 26.1	4.2 - 30	5.2 - 37.7
	Nom. output		kW	2.8 - 22.8	3.6 - 26	4.46 - 32.6	2.8 - 11.4	2.8 - 17.0	2.8 - 22.8	3.6 - 26	4.46 - 32.6
	Domestic hot water threshold		l/min	2	2.0	2.0	N/A	N/A	N/A	N/A	N/A
	DHW Flow Rate at deltaT 30 K		l/min	10	12	14	N/A	N/A	N/A	N/A	N/A
	DHW temperature (factory setting)		°C	60			60				
Flue gas connection / combustion air connection	Concentric connection		mm	60/100			60/100				
Casing	Colour			Titanium white (RAL 9003) / Light grey (RAL effect 860-1)			Titanium white (RAL 9003) / Light grey (RAL effect 860-1)				
	Material			electrostatic powder coated sheet metal			electrostatic powder coated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm	590x400x256				590x400x256			
Weight	Unit		kg	27.5	36		27.5			36	
Power supply	Name/Phase/Frequency/Voltage		Hz/V	1~/230/50				1~/230/50			
Electrical power consumption	Max.		W	87			87				
	Standby		W	3.5			3.5				

*Note: blue cells contain preliminary data

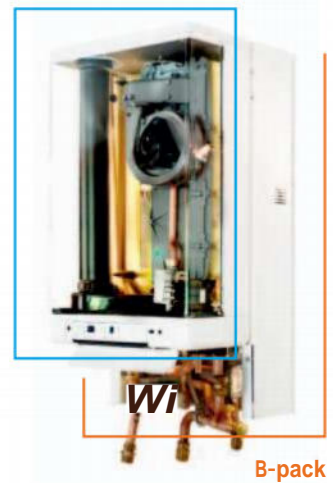
Gas condensing boiler

Reliability and peace of mind

Why choose the Daikin gas condensing boiler?

- Low costs for both heating and hot water thanks to new dual heat exchanger resulting in high efficiencies
- Easy installation in minimum space

Gas condensing boiler

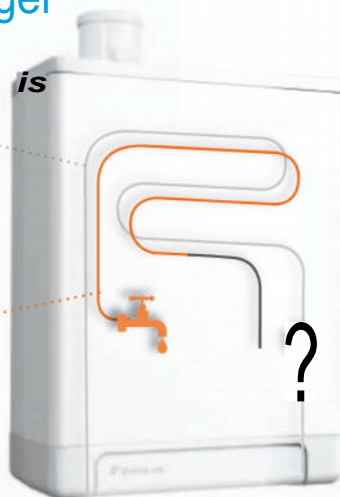


Low costs for both heating and hot water thanks to new dual heat exchanger

1. With the first heat exchanger, maximum efficiency is reached when heating your home through condensation of the flue gases.

[Unique Daikin feature]

2. Also when producing hot water the efficiency is maximised thanks to condensation with the unique second heat exchanger.



Unique in the market: double condensation, not only for heating but also for domestic hot water resulting in low running costs

Easy installation in minimum space

Installation time can be reduced to the minimum by using our optional pre-assembled B-pack which contains all the components for the functional installation in one module and fits behind the boiler. And as there are fewer parts, the Daikin condensing gas boiler is more reliable and easier to service.

Control at a distance

Program your gas condensing boiler and follow up your energy consumption from a smartphone, tablet or computer with the RTRNETA3AA controller.



Supporting tools

Extranet

- > Experience our new business portal at my.daikin.eu
- > Find information easily
- > Access via mobile or desktop
- > Customise the options so you see only info relevant for you

Internet

- > Find our solutions for different applications on www.daikineurope.com/for-your-home/needs/heating/condensing-boilers/

Literature

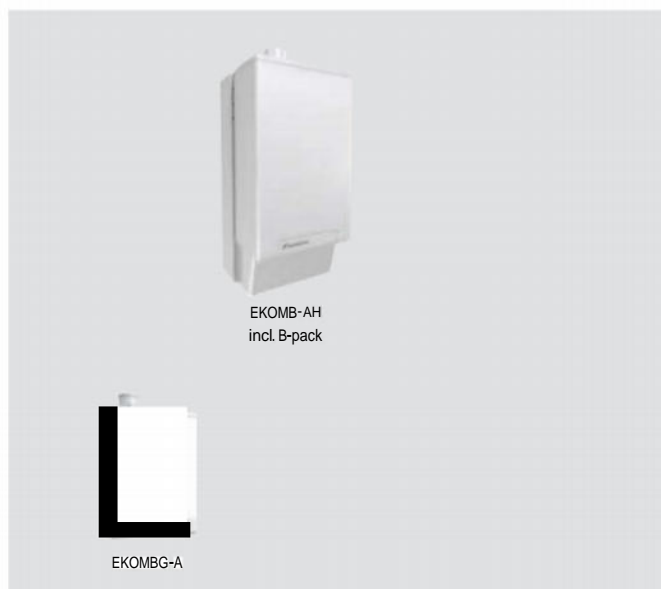
- > See all the literature available on www.daikineurope.com/support-and-manuals/catalogues



Gas condensing boiler

High efficiency gas condensing boiler for heating and hot water

- > Low running costs for both heating and hot water thanks to new dual heat exchanger
- > Maximum heating comfort and domestic hot water when it is most needed
- > Quick, easy and compact installation thanks to our optional pre-assembled B-pack, containing all auxiliary components



Indoor Unit		EKOMB/EKOMBG		22AH	28AH	33AH	22A	28A	33A	
Central heating	Heat input Q _n (net calorific value)	Nom	Min-Max	kW	5.6-18.7	7.1-23.7	7.2-27.3	5.5-23.3	7.2-29.1	7.5-32.7
	Heat input Q _n (gross calorific value)	Nom	Min-Max	kW	6.2-20.8	7.9-26.3	8.0-30.3	6.1-25.9	8.0-32.3	8.3-36.3
	Output P _n at 80/60°C	Min-Nom		kW	-17.8	-22.8	7.1-26.3	5.4-22.7	7.1-28.4	7.4-32.1
	Output P _{nc} at 50/30°C	Min-Nom		kW	---		7.8-27.1	5.9-23.8	7.7-31.1	8.2-35.0
	Output at 40/30°C	Min		kW	-		7.7	5.9	7.7	8.2
	Water pressure (PMS)	Max		bar	3	-	-	3		
	Water temperature	Max		°C	-			90		
	Efficiency	Net calorific value		%	107					109
Operation range		Min/Max		°C						
				-/-						
Domestic hot water	Heat input (net calorific value) Q _{nw}	Nom	Min-Max	kW	5.6-22.1	7.1-28.0	---	5.5-23.3	7.2-29.1	7.5-32.7
	Heat input (gross calorific value) Q _{nw}	Nom	Min-Max	kW	6.2-24.6	7.9-31.1	---	6.1-25.9	8.0-32.3	8.3-36.3
	Output	Min-Nom		kW	---			5.9-22.7	7.7-28.4	8.2-32.1
	Domestic hot water threshold			l/min	1.5		-	1.5		
	Water flow	Rate	Nom	l/min	10.0 (1) / 6.0 (2)	12.5 (1) / 7.5 (2)	-	10.0 (1) / 6.0 (2)	12.5 (1) / 7.5 (2)	15.0 (1) / 9.0 (2)
	Temperature	Factory setting		°C	60					
	Operation range		Min/Max		°C					
					40/65					
Gas	Connection	Diameter		mm	15		-	15		
	Consumption (G20)	Min-Max		m ³ /h	0.58-2.29	0.74-2.46	---	0.57-2.42	0.75-3.02	0.78-3.39
	Consumption (G25)	Min-Max		m ³ /h	---			0.66-2.80	0.86-3.50	0.80-3.93
	Consumption (G31)	Min-Max		m ³ /h	0.22-0.87	---	---	0.22-0.92	0.28-1.15	0.30-1.29
Supply air	Connection			mm	100		-	100		
	Concentric				-			Yes		
Fluegas	Connection			mm	60	-		60		
Space heating	General	ps (Seasonal space heating efficiency)		%	93					94
		Seasonal space heating eff. class			A					
Domestic hot water heating	General	Declared load profile			L	XL		L	XL	
		p _w h (water heating efficiency)		%	84	87		84	87	-
		Water heating energy efficiency class			A					
Casing	Colour				White - RAL9010		-	White - RAL9010		
	Material				Precoated sheet metal		-	Precoated sheet metal		
Dimensions	Unit	FleightxWidthxDepth		mm	590x450x240	650x450x240	-	590x450x240	650x450x240	710x450x240
Weight	Unit	Empty		kg	30	33	-	30	33	36
Power supply	Phase/Frequency/Voltage			Flz/V	1~/50/230					
Electrical power consumption	Max.			W	80					
	Standby			W	2					

(1) Setpoint 40°C (2) Setpoint 60°C

Options - Heating

Type	Material name	LT		split LT		split LT		HT		HT		FWXV-A	EKOMB*	D2CND/ D2TND	
		4-8kW	11-16kW	5-7kW	11-16kW	outdoor	indoor								
Controls	LAN adapter	BRP069A62	•	•	•	•								•	
	LAN adapter + PV solar connection	BRP069A61	•	•	•	•								•	
	Netatmo thermostat (FR, BE)	RTRNET1AA												•	
	Netatmo thermostat (IT, DE, AT)	RTRNET2AA												•	
	Netatmo thermostat (UK)	RTRNET3AA												•	
	Netatmo thermostat (ES)	RTRNET4AA												•	
	Remote user interface	EKRUHTB							•						•
	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	•	•	•										
	Rf-wlan converter	EKRFLAN1A												•	
	Room thermostat	DOTROOMTHEAA													•
	Room thermostat RoCon U1	EHS157034							•						
	Room thermostat (wired)	EKRTRWA	•	•	•					•	•	•			
	Room thermostat (wireless)	EKRTR1	•	•	•							•	•		
	Standard protocol interface for LT (wall mounted only)	RTD-LT/CA			•										
	Standard protocol interface for HT and Flex Type	RTD-W											•		
Centralised controller kit	EKCC-W														
Heat meter (EHYHBH* only)	K.HEATMET			•											
Communication gateway	DRGATEWAYAA			•										•	
Gateway RoCon G1 for apps	EHS157056							•							
Dongle set	EKDS1A												•		
Individual billing - connection kit	EKMIBL1														
Connection kit for MK1	VMK1											•			
Adapter	Demand PCB	EKR1AHTA	•											•	
	Digital I/O PCB	EKR1HBAA	•											•	
Back-up heater	Back-up heater monobloc	EKMBUHBA6V3													
	Back-up heater for HT 1-	EKBUHAA6V3													
	Back-up heater for HT 3-	EKBUHAA6W1													
	Back-up heater 9kW	EKBU9C													
	Back-up heater kit	EKLBHUHC6W1				•									
	Booster heater for tank integrated design	EKBSHCA3V3													
	Bottom plate heater	EKBPHTH16A													
Drain	Drain kit	EKDK04													
	Drain pan for indoor wall mounted	EKHBDPCA2			•										
	Drain pan for outdoor (excl heater)	EKDPO08CA			•										
	Drain pan for reversible H/B	EKHYPD1			•										
	Drain pan heater	EKDPH008CA			•										
Filter	Central drain pan kit	KWC25C450													
	Magnetic filter without additives	K.FERNOXTF1				•									
	Magnetic filter with additive (500ml inhibitor fluid F1)	K.FERNOXTF1FL				•									
Installation	B-zone kit	BZKA7V3													
	Cover plate	DRCOVERPLATAA													
	Cover plate 35	EKHY093467													
	Cover plate 35	EKCP1A													
	Heat insulation for hydraulic separator (HWC)	WHWC													
	Installation jig	EKHYMNT1			•										
	Metal housing for inwall installation kit	DRINWALLKITAA													
	Separator for dirt	SAS1							•						
	Separator - hydraulic	HWC							•						
	Separator for mud and lodestone	156021													
	Separator for mud and lodestone	IT.DEFANG-TP													
	Separator for mud and lodestone	IT-DEFANG-OT													
	Snowcover	EK016SNCA													
	Solar water heater connection set	EKSH1A													
	U-beams for outdoor	EKFT008CA			•										
	UK tank kit	EKVSI260A													
	UK tank kit	EKUHWHTA													
	Wire harness	EKGSCONBP1	•												
	Stand alone kit	EKFMAHTB													
	Antifreezing set from -5°C to -15°C	DRANTIFREEZAA													
	Outdoor unit guard	K.CG750S													
	Outdoor unit guard small (H750xW1050xD460) (UK only)	K.CGS													
	Outdoor unit guard medium (H1150xW150xD650) (UK only)	K.CGM													
	Outdoor unit guard large (H1450xW150xD650) (UK only)	K.CGL													
	Additional front/back plate for outdoor unit guard K.CG750S	K.CG750FPS													
	Additional front/back plate for outdoor unit guard K.CGM (UK only)	K.CGFP													
	Additional front/back plate for outdoor unit guard K.CGL (UK only)	K.CGFP													
	Base plate for outdoor unit guard K.CG750S	K.CG750BPML													
	Base plate for high mounted guard	K.CGBPML													
	Condensate drip tray 1100mm	K.DT2													
Condensate drip tray 800mm (UK only)	K.DT1														
Fixings for steel drip tray to flexi feet	K.DTFB														
Flexi foot narrow	K.FF600ASN														
Flexi foot standard	K.FF600S														
Flexible hose 500mm	K.HOSE500														
Flexible hose 750mm	K.HOSE750														
Flexible hose 750mm with elbow	K.HOSE750EL														
Part guard to cover exposed side coil	K.CGSIDE														
Through wall installation sleeve kit	K.SLEEVE														
Wall brackets - stainless steel (250 kg, 660 mm long)	K.CWBXLSS														
Wall brackets - stainless steel (90 kg, 500 mm long) (UK only)	K.CWB90SS														
Wall brackets - stainless steel (140 kg, 540 mm long) (UK only)	K.CWB140S														
Wall brackets (250 kg, 660mm long)	K.CWBXL														
Wall brackets (90 kg, 500mm long) (UK only)	K.CWB90-2														
Wall brackets (140 kg, 540mm long) (UK only)	K.CWB140-2														

	Type	Material name	LT		split LT		HT		HT		HT		D2CND/ D2TND
			4-8kW	11-16kW	5-7kW	11-16kW	outdoor	indoor	FWXV-A	EKOMB*			
Refnet	Refnet header	KHRQ(M)23M29H8											
	Refnet header	KHRQ(M)23M64H8											
	Refnet joint	KHRQ(M)23M20T8											
	Refnet joint	KHRQ(M)23M29T8											
Sensor	Remote indoor sensor	KRCS01-1B	•	•									
	Remote sensor for outdoor	EKRSCA1		•									
	External sensor	EKRSTETS	•	•	•	•	•	•		•			
	Outdoor sensor for Rocon Controller	RoCon OT1					•						
	Outdoor sensor	EKOSK1A										•	
	Outdoor sensor	DROUTSENSORAA											•
Valve	Refrigerant stop valves	EKRSHVHTA							•				
	Valve kit	EKVK1A/2A/3A	•										
	Valve kit (DE)	EKVK6A										•	
	Valve kit (IT, ES, CZ, GR, PL, PT)	EKVK4A										•	
	Valve kit 3-way	EK3WV1A										•	
	Valve kit for connection to 3rd party tank with built-in thermostat	EKHY3PART2		•									
	Valve kit for connection to 3rd party tank with sensor pocket	EKHY3PART		•									
	Valve kit C1 - 90° valves	DRVALEKIC1AA											•
	Valve kit C2 - 90° valves	DRVALVEKIC2AA											•
	Valve kit T1 - 90° valves	DRVALVEKIT1AA											•
	Valve kit T2 - 90° valves	DRVALVEKIT2AA											•
	Valve kit FWXV-A	EKVKHPC									•		
	Other	Compatibility kit 1	EKMKHT1A							•			
Compatibility kit 2		EKMKHT2A							•				
Cable		EKCOMCAB1											
PC cable		EKPCCAB1	•										
Ground source filling kit		KGSFILL	•		•	•							
Mixer module RoCon M1		EHS157068											•
B-pack	Unmixed pump group	DPUMPGROUPAA											•
	B-pack for combi 22 kW (DE)	EKFJS4A											•
	B-pack for combi 22 kW (FR, BE)	EKFJS2A											•
	B-pack for combi 22 kW (IT, ES, CZ, GR, PL, PT)	EKFJS1A											•
	B-pack for combi 22 kW (UK)	EKFJS3A											•
	B-pack for combi 28 kW (DE)	EKFJM4A											•
	B-pack for combi 28 kW (FR, BE)	EKFJM2A											•
	B-pack for combi 28 kW (IT, ES, CZ, GR, PL, PT)	EKFJM1A											•
	B-pack for combi 28 kW (UK)	EKFJM3A											•
	B-pack for combi 33 kW (DE)	EKFJL4A											•
	B-pack for combi 33 kW (FR, BE)	EKFJL2A											•
	B-pack for combi 33 kW (IT, ES, CZ, GR, PL, PT)	EKFJL1A											•
	B-pack for combi 33 kW (UK)	EKFJL3A											•
	Propane set	EKHY075787		•									•
Propane set (EKOMB22*, EKOMBG28*)	EKPS075867											•	
Propane set (EKOMBG22*)	EKPS075877											•	

Type	Material name	LT		split LT	HT	LT		HT		Type	FWXV-A	EKOMB*	D2CND/ D2TND
		4-8kW	11-16kW			5-7kW	11-16kW	outdoor	indoor				
Adapter Flex-Fixed PP 100	EKFGP6316	•										•	•
Adapter Flex-Fixed PP 130	EKFGS0252	•										•	•
Adaptor set concentri 60/100	EKAS1A											•	•
Chimney Connection 60/100	EKFGP4678	•										•	•
Chimney Connection 60/100	EKFGP4678	•										•	•
Chimney Connection 80/125	EKFGP4828	•										•	•
Chimney Connection 60/10 Air Intake Dn. 80 C83	EKFGV1101	•										•	•
Chimney Top PP 100 incl. Flue Pipe	EKFGP5497	•										•	•
Chimney Top PP 130 incl. Flue Pipe	EKFGP5197	•										•	•
Concentric connection O 80/125	EKHY090717	•										•	•
Connector Flex-Flex PP 100	EKFGP6325	•										•	•
Connector Flex-Flex PP 130	EKFGP6366	•										•	•
Connector Flex-Flex PP 80	EKFGP6324	•										•	•
Connection set 60/10-60 Flue/Air intake Dn. 80 C53	EKFGV1102	•										•	•
Eccentric connection O 80	EKHY090707	•										•	•
Eccentric connection O 80	EKHY090707	•										•	•
Elbow PP/ALU 80/125 90°	EKFGP4810	•										•	•
Elbow PP/GLV 60/100 30°	EKFGP4664	•										•	•
Elbow PP/GLV 60/100 45°	EKFGP4661	•										•	•
Elbow PP/GLV 60/100 90°	EKFGP4660	•										•	•
Elbow PP/GLV 80/125 30°	EKFGP4814	•										•	•
Elbow PPMB-Air 80 90°	EKFGW4085	•										•	•
Elbow PPBM-Air 80 45°	EKFGW4086	•										•	•
Extension Flex PP 100 L=10 M	EKFGP6346	•										•	•
Extension Flex PP 100 L=15 M	EKFGP6349	•										•	•
Extension Flex PP 100 L=25 M	EKFGP6347	•										•	•
Extension Flex PP 130 L=30 M	EKFGS0250	•										•	•
Extension Flex PP 80 L=10 M	EKFGP6340	•										•	•
Extension Flex PP 80 L=15 M	EKFGP6344	•										•	•
Extension Flex PP 80 L=25 M	EKFGP6341	•										•	•
Extension Flex PP 80 L=50 M	EKFGP6342	•										•	•
Extension PP 60x500	EKFGP5461	•										•	•
Extension PP/GLV 60/100 x 1000mm	EKFGP4652	•										•	•
Extension PP/GLV 60/100 x 500mm	EKFGP4651	•										•	•
Extension PP/GLV 80/125 x 1000mm	EKFGP4802	•										•	•
Extension PP/GLV 80/125 x 500mm	EKFGP4801	•										•	•
Extension P BM-Air 80x500	EKFGW4001	•										•	•
Extension P BM-Air 80x1000	EKFGW4002	•										•	•
Extension P BM-Air 80x2000	EKFGW4004	•										•	•
Filling loop set	EKFL1AA	•										•	•
Flex 100-60 + Support Elbow	EKFGP6354	•										•	•
Flex 130-60 + Support Elbow	EKFGS0257	•										•	•
Flex Kit PP Dn.60-80	EKFGP1856	•										•	•
Flex Kit PP Dn.8	EKFGP2520	•										•	•
Flue Deflector 60 (UK Only)	EKFGP1295	•										•	•
Flue gas non-return flap	EKFGF1A	•										•	•
Gas conversion kit from G20 to G25	EKPS076227	•										•	•
Gas conversion kit from G20 to G25 (EKOMB22*, EKOMBG28*)	EKPS076217	•										•	•
Gas conversion kit from G20 to G25 (EKOMBG22*)	EKPS076207	•										•	•
Gas conversion kit from G20 to G26 (EKOMB22*, EKOMB(G)33*)	EKPS076227	•										•	•
Inspection Elbow Plus PP/ALU 80/125 90° EPDM	EKFGP4820	•										•	•
Meas. Tee with Inspection Panel PP/GLV 60/100	EKFGP4667	•										•	•
Plume Management Kit 60 (UK Only)	EKFGP1294	•										•	•
PMK Elbow 60 45° (2 pcs) (UK Only)	EKFGP1285	•										•	•
PMK Elbow 60 90 (UK Only)	EKFGP1284	•										•	•
PMK Extension 60 L=1000 incl. breaket (UK Only)	EKFGP1286	•										•	•
Roof Terminal PP/GLV 60/100 AR460	EKFGP6837	•										•	•
Roof Terminal PP/GLV 80/125 AR300 Ral-9011	EKFGP6864	•										•	•
Spacer PP 80-100	EKFGP6333	•										•	•
Support Breaket Top Inox Dn.100	EKFGP6337	•										•	•
Support Breaket Top Inox Dn.130	EKFGP6353	•										•	•
Tee Flex 100 Boiler Connectionset 1	EKFGP6368	•										•	•
Tee Flex 130 Boiler Connectionset 1	EKFGP6215	•										•	•
Thermistor recirculator	EKTH2	•										•	•
Wall Bracket Dn.100	EKFGP4481	•										•	•
Wall Bracket Dn.100	EKFGP4631	•										•	•
Wall Terminal Kit low profile PP/GLV 60/100	EKFGP1293	•										•	•
Wall Terminal Kit low profile PP/GLV 60/100	EKFGP2977	•										•	•
Wall Terminal Kit PP/GLV 60/100	EKFGP2978	•										•	•
Wall Terminal Kit PP/GLV 60/100	EKFGP1292	•										•	•
Wall Terminal Kit PP/GLV 80/125	EKFGW6359	•										•	•
Wall Terminal kit low profile PP/GLV 60/100 (UK only)	EKFGP1299	•										•	•
Weather Slate Flat Alu 60/100	EKFGP6940	•										•	•
Weather Slate Flat Alu 60/100 0°-15°	EKFGP1296	•										•	•
Weather Slate Flat Alu 80/125	EKFGW5333	•										•	•
Weather Slate Flat Alu 80/125 0°-15°	EKFGP1297	•										•	•
Weather Slate Steep Pb/GLV 60/10018°-22°	EKFGS0518	•										•	•
Weather Slate Steep Pb/GLV 60/100 23°-27°	EKFGS0519	•										•	•
Weather Slate Steep Pb/GLV 60/100 43°-47°	EKFGS0523	•										•	•
Weather Slate Steep Pb/GLV 60/100 48°-52°	EKFGS0524	•										•	•
Weather Slate Steep Pb/GLV 60/100 53°-57°	EKFGS0525	•										•	•
Weather Slate Steep Pb/GLV 80/125 18°-22°	EKFGT6300	•										•	•
Weather Slate Steep Pb/GLV 80/125 23°-27°	EKFGT6301	•										•	•
Weather Slate Steep Pb/GLV 80/125 43°-47°	EKFGT6305	•										•	•
Weather Slate Steep Pb/GLV 80/125 48°-52°	EKFGT6306	•										•	•
Weather Slate Steep Pb/GLV 80/125 53°-57°	EKFGT6307	•										•	•
Weather Slate Steep PF 60/100 25°-45°	EKFGP7910	•										•	•
Weather Slate Steep PF 80/125 25°-45° Ral-9011	EKFGP7909	•										•	•
Flue gas decoupler 80/125	DRDECO80125AA												•
Flue gas decoupler 80/80	DRDECO8080AA												•
Flue gas measurement adapter 60/100 (90° elbow)	DRMEEA60100AA												•
Flue gas measurement adapter 60/100 (straight)	DRMESA60100AA												•