DAIKIN

altherma

Product catalogue 2017

Heating

All-in-one comfort for residential applications

Daikin Altherma heat pumps:
at the heart of any heating solution

With 50 years of experience in heat pump technology and 10 years of experience with air-to-water heat pumps, Daikin is your reliable service partner to deliver the best comfort energy efficiency and reliability to your customers.

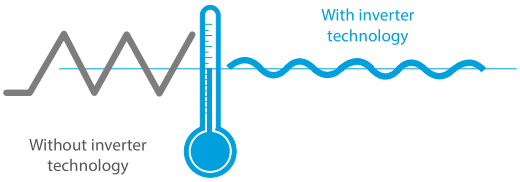
Why choose a Daikin outdoor unit?

Comfort

The Daikin Altherma outdoor unit is suitable for all climates, even withstanding severe winter conditions with an operating range down to -25°C.

Energy efficiency

Inverter compressors continuously adjust compressor speed to meet actual demand. Fewer start and stop rotations results in up to 30% decreased energy consumption and more stable temperatures.



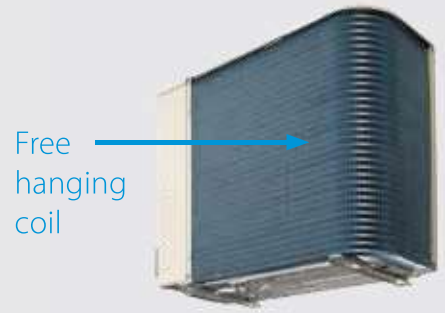
Reliability

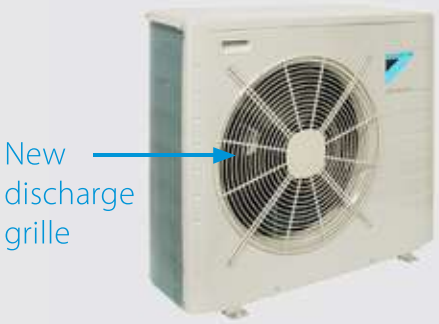
With advanced protection against frost and ice, the Daikin Altherma range can be adapted to meet the demands of various climates across Europe.

› Free hanging coil ensures no ice build up in the lower part of the outdoor unit.
› The round shape of the discharge grill prevents ice accumulation, as water is able to disperse more easily compared to a rectangular grill.

Countermeasures to eliminate ice buildup

Using advanced protection to avoid frost and ice means that the Daikin Altherma range can be adapted for various climate across Europe.





Daikin Altherma low temperature

Why choose a Daikin Altherma low temperature

Energy efficient heating, cooling and hot water solution for new builds and low-energy houses

Comfort

Heating
Heat pumps extract existing heat from the air, which makes heating your home an energy efficient process

Cooling
Powered by renewable energy sources, heat pumps cool your home without consuming large amounts of energy

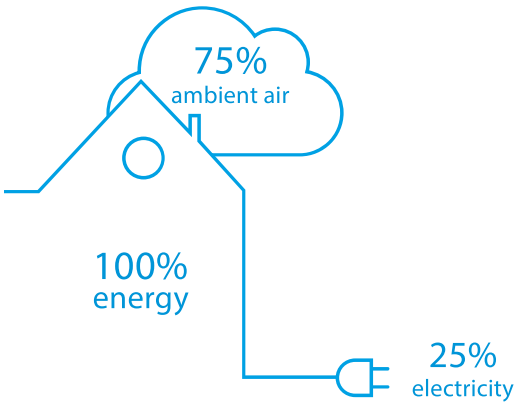
Hot water
With one heat pump system, Daikin Altherma low temperature uses renewable energy to supply enough hot water for six showers

Energy efficiency

A++

Powered by renewable energy
By extracting renewable energy from the air, our Daikin Altherma low temperature heats, cools and provides your customer with hot water in a sustainable way.

- Powered by **75%** renewable energy extracted from the air and **25%** electricity
- Achieves **A++** energy efficiency label for heating
- Optional solar support can produce up to **70%** of the energy that your heat pump and boiler needs

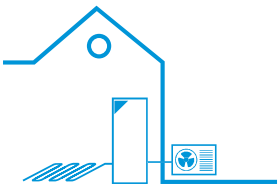


Reliability

- Flexible solutions: split floor standing, split wall mounted and monobloc unit
- Uses the ECH_20 principle to provide superior water sanitation
- Incorporates advanced technologies and frost protection features to prevent ice buildup

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

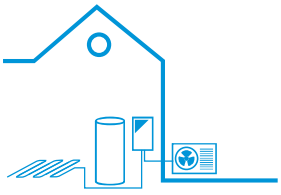
› **Best seasonal efficiencies providing the highest savings on running costs**
› **Perfect fit for new builds, as well as for low-energy houses**



Floor-standing unit with integrated domestic hot water tank

Compact and yet 100% comfort guaranteed

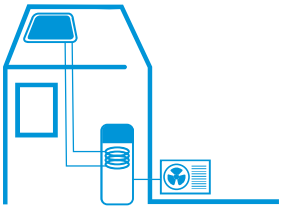
› All components and connections are factory mounted
› Very small installation footprint required
› Minimum electrical input with constantly available hot water
› Bi-zone option: two temperature zones automatically regulated by the same indoor unit



Wall mounted unit

High flexibility for installation and domestic hot water connection

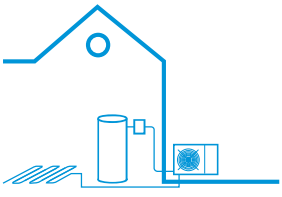
› Compact unit with small installation space (almost no side clearance is required)
› Can be combined with a separate domestic hot water tank of up to 500 litres, with or without solar support



Integrated ECH_2O

Maximising renewable energy with top comfort for hot water preparation

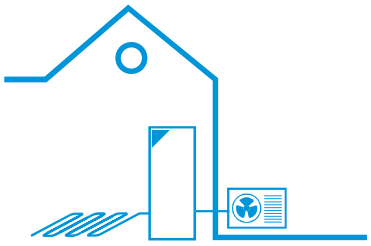
› Solar support for domestic hot water
› Lightweight plastic tank
› Bivalent option: can be combined with a secondary heat source
› App control available



Monobloc outdoor unit

Ideal when indoor space is limited

› Compact monobloc for space heating and cooling with optional domestic hot water
› Fuss-free installation: only water and electricity connections are required
› Frost protection features ensure reliable operation down to - 25°C (outside temperatures)



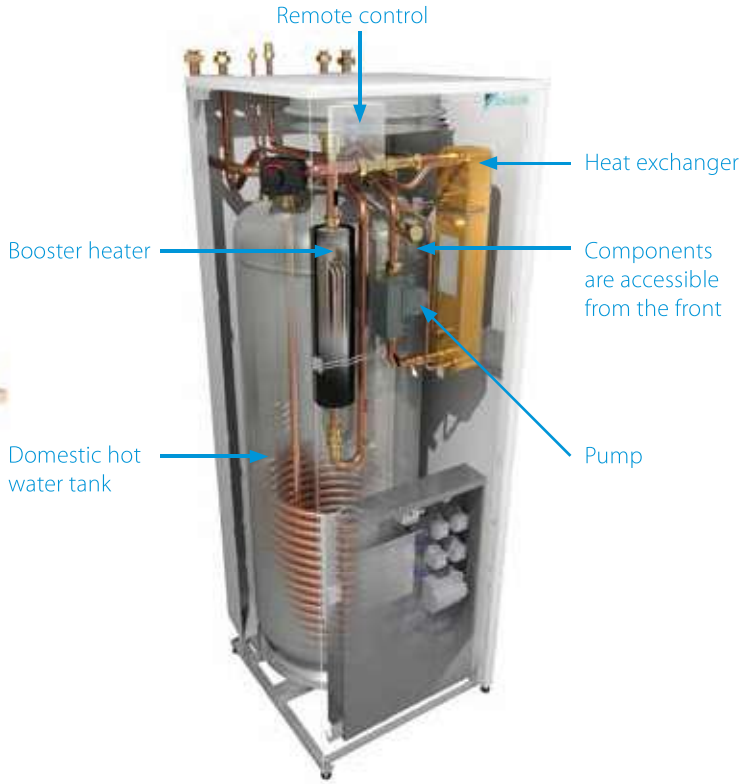
Daikin Altherma low temperature split

floor standing unit with integrated domestic hot water tank

The Daikin Altherma floor standing unit is the ideal system to deliver heating, domestic hot water and cooling for new builds and low-energy houses

All-in-one system to save installation space and time

- A combined stainless steel domestic hot water tank and heat pump ensures a faster installation compared to traditional systems
- Inclusion of all hydraulic components means no third-party components are required
- PCB board and hydraulic components are located in the front for easy access
- Small installation footprint with space reduced by more than 30%
- Integrated bi-zone kit allows temperature monitoring for two zones: connect underfloor heating to radiators to optimise efficiency.



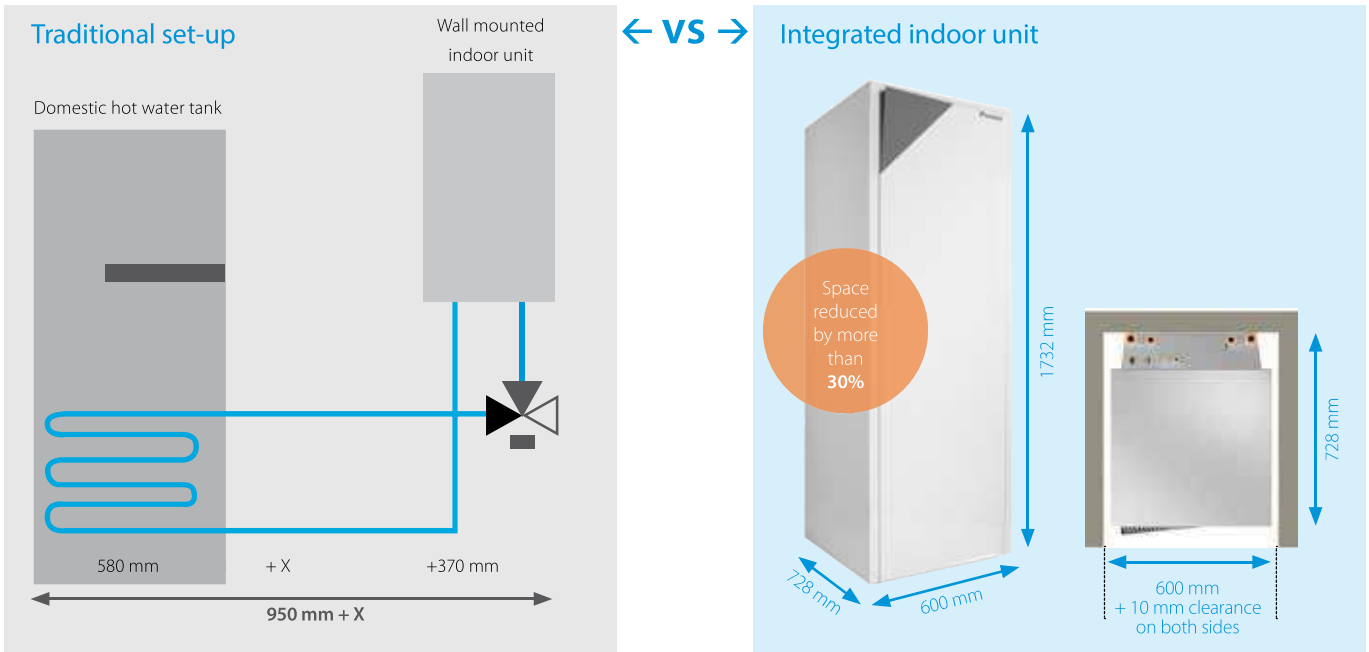
All-in-one design reduces the installation footprint and height

Compared to the traditional split version for a wall mounted indoor unit and separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

Smaller footprint: with a width of only 600 mm and a depth of 728 mm, the integrated indoor unit has a similar footprint when compared to other household appliances. For installation projects, almost no side clearance is necessary as the piping is located at the top of the unit. This results in an installation footprint of only 0.45 m^2.

Low installation height: both the 180l and 260l version come with a height of 173 cm. The required installation hight is less than 2 m.

The compactness of the integrated indoor unit is emphasised by its sleek design and modern look, easily blending in with other household appliances.



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 builds and low-energy houses
- Best seasonal efficiencies provide the high 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 photovoltaïc solar panels to optimise self-consumption of electricity produced

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) / 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
			ηs (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
			ηs (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	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (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	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	128	117	126	118	128	118	128
Tank	Water volume			l	180		260	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.	°C	15~55																
	Domestic hot water	Water side	Min.~Max.	°C	25~60			25~60 / 60													
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												
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_2eq		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	69	64	66	69
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			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

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	
			ηs (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	
			ηs (Seasonal space heating efficiency)	%	117		126		129		120		131		130	
			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	ηwh (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				EHVH	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	117	126	118	128	118	128	117	126	118	128	118	128
Tank	Water volume			l	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.	°C	15~55											
	Domestic hot water	Water side	Min.~Max.	°C	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	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			TCO_2eq	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
	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 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 builds and low-energy houses
- Best seasonal efficiencies provide the high 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 photovoltaïc solar panels to optimise self-consumption of electricity produced

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.			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)	3.74 (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) / 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)
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
			ηs (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
			ηs (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	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
	Average climate	ηwh (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	97.7	87.4	97.7	87.4	97.7
		Water heating energy efficiency class			A																

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	HeightxWidthxDepth		mm	1,732x600x728								
Weight	Unit			kg	117	119	129	119	129	119	128	120	130	120	130	119	128	120	130	120	130
Tank	Water volume			l	180		260	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.	°C	15~55			15~55													
	Cooling	Water side	Min.~Max.	°C	5~22																
	Domestic hot water	Water side	Min.~Max.	°C	25~60			25~60 / 60													
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				[redacted]								
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_2eq	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	69	64	66	69
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			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

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 (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)	
Cooling capacity	Nom.			kW	13.9 (1) / 10.0 (2)		17.3 (1) / 12.5 (2)		17.8 (1) / 13.1 (2)		15.1 (1) / 11.7 (2)		16.1 (1) / 12.6 (2)		16.8 (1) / 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 (1) / 4.31 (2)		5.43 (1) / 5.08 (2)		6.16 (1) / 5.73 (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)	
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	
			ηs (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	
			ηs (Seasonal space heating efficiency)	%	117		126		129		120		131		130	
			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	ηwh (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	1,732x600x728											
Weight	Unit			kg	119	128	120	130	120	130	119	128	120	130	120	130
Tank	Water volume			l	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.	°C	15~55											
	Cooling	Water side	Min.~Max.	°C	5~22											
	Domestic hot water	Water side	Min.~Max.	°C	25~60 / 60											
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			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			TCO_2eq	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
	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 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. underfloor 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 photovoltaïc solar panels to optimise self-consumption of electricity produced

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
			ηs (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	-					
			ηs (Seasonal space heating efficiency)	%	178	169	171	-					
			Seasonal space heating eff. class		A++			-					
Pump Additional Zone		Heating											
Pump Main Zone		Heating											
Domestic hot water heating	General	Declared load profile			L								
	Average climate	ηwh (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			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		15~55
	Domestic hot water	Water side	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		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_2eq	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	69	64	66	69
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			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 (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
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			Seasonal space heating eff. class		A+					
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	-					
			Seasonal space heating eff. class		-					
Pump Additional Zone		Heating								
Pump Main Zone		Heating								
Domestic hot water heating	General	Declared load profile			L					
	Average climate	ηwh (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			TCO_2eq	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
	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 backup 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 builds and low-energy houses
- Best seasonal efficiencies provide the high 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 photovoltaïc solar panels to optimise self-consumption of electricity produced

Efficiency data				EHVH + ERLQ	04S18CBV+004CV3	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
			ηs (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
			ηs (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	ηwh (water heating efficiency)		%	95.0	86.4	90.0	86.4	90.0	97.7			
		Water heating energy efficiency class			A								

Indoor Unit				EHVH	04S18CB3V	08S18CB3V / 08S26CB9W		08S18CB3V / 08S26CB9W		11S26CBV		16S26CBV		16S26CBV		11S26CBV		16S26CBV		16S26CBV	
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	128	117	126	118	128	118	128
Tank	Water volume			l	180		260	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.	°C	10~55																
	Domestic hot water	Water side	Min.~Max.	°C	25~70					25~70											
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												
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_2eq		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	69	64	66	69
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			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 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 (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
			ηs (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
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	
Domestic hot water heating	General	Declared load profile			XL					
	Average climate	ηwh (water heating efficiency)		%	95.3			87.3		
		Water heating energy efficiency class			A					

Indoor Unit				EHVH	11S26CBV	16S26CBV	16S26CBV	11S26CBV	16S26CBW	16S26CBW
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728					
Weight	Unit			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			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			TCO_2eq	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
	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 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 builds and low-energy houses
› Best seasonal efficiencies provide the high 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 photovoltaïc solar panels to optimise self-consumption of electricity produced.

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
			ηs (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
			ηs (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	ηwh (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	6SU26CB6W	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			l	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												
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_2eq	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	69	64	66	69
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			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
			ηs (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
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		A	A+		A	A+	
Domestic hot water heating	General	Declared load profile			XL					
	Average climate	ηwh (water heating efficiency)		%	95.3			87.3		
		Water heating energy efficiency class			A					

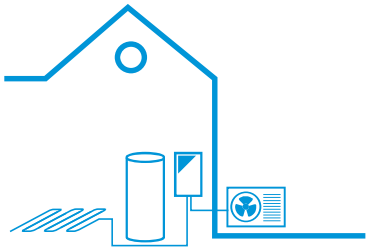
Indoor Unit				EHVH	11SU26CB6W	16SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728					
Weight	Unit			kg	128	130		128	130	
Tank	Water volume			l	260					
	Maximum water temperature			°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	
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			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			TCO_2eq	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
	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

Options

Type		Material name	Daikin Altherma LT split wall mounted / floor standing	
			4-8kW	11-16kW
Controls	LAN adapter	BRP069A62	•	•
	LAN adapter + PV solar connection	BRP069A61	•	•
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1	•	•
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3	•	•
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2	•	•
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4	•	•
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5	•	•
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6	•	•
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7	•	•
	Simplified user interface	EKRUCBSB	•	•
	Room thermostat (wired)	EKRTWA	•	•
	Room thermostat (wireless)	EKRTR1	•	•
	Centralised controller kit	EKCC-W	•	•
Adapter	Demand PCB	EKRP1AHTA	•	•
	Digital I/O PCB	EKRP1HBAA	•	•
Back-up heater	Back-up heater kit	EKLBUHCB6W1		•
	Booster heater for tank integrated design	EKBSHCA3V3		•
	Bottom plate heater	EKBPHTH16A		•
Drain	Drain kit	EKDK04	•	•
	Drain pan for indoor wall munted	EKHBDPCA2	•	•
	Drain pan for outdoor (excl heater)	EKDP008CA	•	
	Drain pan heater	EKDPH008CA	•	
Filter	Magnetic filter without additives	K.FERNOXTF1	•	•
	Magnetic filter with additive (500ml inhibitor fluid F1)	K.FERNOXTF1FL	•	•
Installation	Bi-zone kit	BZKA7V3	•	•
	Snowcover	EK016SNCA		•
	U-beams for outdoor	EKFT008CA	•	
	UK tank kit	EKVSU260A		•
Sensor	Remote indoor sensor	KRCS01-1B	•	•
	Remote sensor for outdoor	EKRSCA1	•	
	External sensor	EKRTETS	•	•
Others	PC cable	EKPCCAB1	•	•

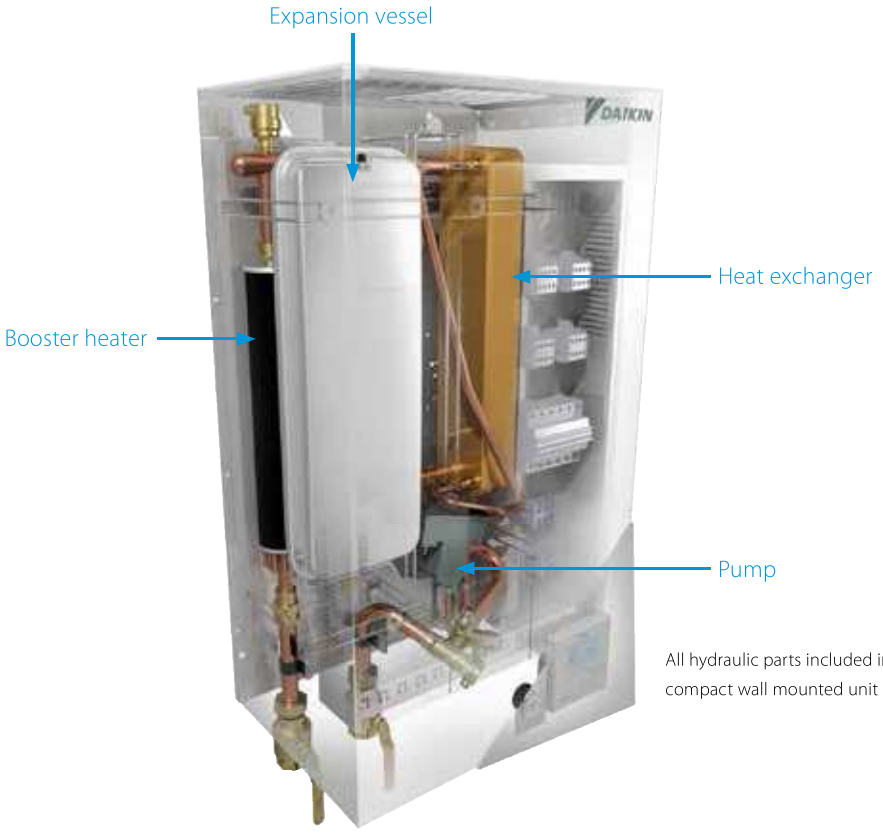


Daikin Altherma low temperature split wall mounted unit

The Daikin Altherma low temperature split wall mounted unit offers heating and cooling with high flexibility for a quick and easy installation, with an optional connection to deliver domestic hot water

High flexibility for installation and domestic hot water connection

- Inclusion of all hydraulic components means no third-party components are required
- PCB board and hydraulic components are located in the front for easy access
- Compact dimensions allows for small installation space, as almost no side clearances are required
- The unit's sleek design blends in with other household appliances
- Combine with a stainless steel, enameled or **ECH$_2$O** thermal store



All hydraulic parts included in the compact wall mounted unit

Stainless steel and enameled tanks

If the end user only requires hot water and installation height is limited, a separate tank can be connected (either stainless steel or enameled).

ECH_20 thermal store range: additional hot water comfort

Combine your wall mounted unit with a thermal store for additional hot water comfort.

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

Built for small and large homes, customers can choose between a pressureless and pressurised hot water system.

Fore more info, see p. 90

Stainless steel tank

Wall mounted unit combined with ECH_2O thermal store

Daikin Altherma
low temperature split

EHBH-CB

ERLQ004CV3

EHBH-CB + ERLQ-CV3/CW1

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) / 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
			ηs (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
			ηs (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	43	44	45	44	45
Operation range	Heating	Water side	Min.~Max.	°C	15~55								
	Domestic hot water	Water side	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			TCO_2eq	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	69	64	66	69
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			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

EHBH-CB

ERHQ-BV3

EHBH-CB + ERHQ-BV3/BW1

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.			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
			ηs (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
			ηs (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	45	44	45
Operation range	Heating	Water side	Min.~Max.	°C	15~55					
	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			TCO_2eq	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
	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

EHBX-CB

ERLQ004-008CV3

EHBX-CB + ERLQ-CV3/CW1

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)	3.74 (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) / 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)
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
			ηs (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
			ηs (Seasonal space heating efficiency)	%	178	169	171	156	153	149	156	153	149
			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	43	45	44	46	44	46
Operation range	Heating	Water side	Min.~Max.	°C	15~55					15~55											
	Cooling	Water side	Min.~Max.	°C	5~22					5~22											
	Domestic hot water	Water side	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								
	Type												
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_2eq	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	69	64	66	69
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			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

EHBX-CB

ERHQ-BV3

EHBX-CB + ERHQ-BV3/BW1

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 (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 (1) / 11.7 (2)	16.1 (1) / 12.6 (2)	16.8 (1) / 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 (1) / 4.31 (2)	5.43 (1) / 5.08 (2)	6.16 (1) / 5.73 (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)
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
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	109	115
			eff. class		A+					
	Average climate water outlet 35°C	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
			ηs (Seasonal space heating efficiency)	%	117	126	129	120	131	130
			Seasonal space heating eff. class		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		TCO_2eq	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
	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

Options

Type		Material name	Daikin Altherma LT split wall mounted / floor standing	
			4-8kW	11-16kW
Controls	LAN adapter	BRP069A62	•	•
	LAN adapter + PV solar connection	BRP069A61	•	•
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1	•	•
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3	•	•
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2	•	•
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4	•	•
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5	•	•
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6	•	•
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7	•	•
	Simplified user interface	EKRUCBSB	•	•
	Room thermostat (wired)	EKRTWA	•	•
	Room thermostat (wireless)	EKRTR1	•	•
	Centralised controller kit	EKCC-W	•	•
Adapter	Demand PCB	EKRP1AHTA	•	•
	Digital I/O PCB	EKRP1HBAA	•	•
Back-up heater	Back-up heater kit	EKLBUHCB6W1		•
	Booster heater for tank integrated design	EKBSHCA3V3		•
	Bottom plate heater	EKBPHTH16A		•
Drain	Drain kit	EKDK04	•	•
	Drain pan for indoor wall munted	EKHBDPCA2	•	•
	Drain pan for outdoor (excl heater)	EKDP008CA	•	
	Drain pan heater	EKDPH008CA	•	
Filter	Magnetic filter without additives	K.FERNOXTF1	•	•
	Magnetic filter with additive (500ml inhibitor fluid F1)	K.FERNOXTF1FL	•	•
Installation	Bi-zone kit	BZKA7V3	•	•
	Snowcover	EK016SNCA		•
	U-beams for outdoor	EKFT008CA	•	
	UK tank kit	EKVSU260A		•
Sensor	Remote indoor sensor	KRCS01-1B	•	•
	Remote sensor for outdoor	EKRSCA1	•	
	External sensor	EKRTETS	•	•
Others	PC cable	EKPCCAB1	•	•