Heating

Heat pumps

Daikin Altherma 3

powered by Bluevolution with R-32 refrigerant

Why choose **Daikin Altherma 3?**

Bluevolution technology combines very high efficient compressors developed by Daikin with the future of refrigerants: R32.

High performance

› Delivering temperatures up to 65°C at high efficiency, the R32 Daikin Altherma 3 is suitable for both underfloor heating and radiators and retains its pedigree trademark in frost protection down to -25°C, ensuring reliable operation even in the coldest climates.
› The optimal combination of Bluevolution technology offers the highest performance:
  » seasonal efficiency up to A+++ (energy label 2019)
  » heating efficiency up to a COP of 5,1 (at 7°C/35°C)
  » Domestic hot water efficiency up to COP of 3,3 (EN16147)
› Available in 4, 6 and 8 kW

Easy to install

› Delivered ready to work: all key hydraulic elements are already factory mounted
› The new design enables that all servicing can be done from the front and all piping can be accessed at the top of the unit
› Stylish modern outlook
› The outdoor unit is tested and charged with refrigerant, installation time is reduced

Easy commissioning :

› Integrated high resolution colour interface
› Quick wizard allowing commissioning in maximum 9 easy steps to have the full system ready to work
› Next to that the configuration can take place remotely to upload later on the unit after the day of the installation.

Easy to control

› The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressors maximises the efficiency of the new R32 Daikin Altherma 3 at each outdoor temperature, assuring consistent room temperatures at all times.
› To control on a daily basis your home temperature, settings can be done anywhere at any time via the Daikin Online Controller app. This online controller allows adjustment of home comfort levels to suit individual preferences while achieving further energy efficiencies. The R32 Daikin Altherma 3 range can also be fully integrated with other home control systems

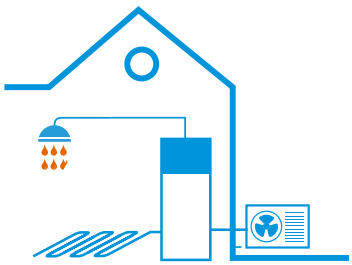
Control via app

Daikin Altherma 3
offers a wide range to adapt to your customers needs

- **Best seasonal efficiencies** providing the highest savings on running costs
- Perfect fit for **new builds**, as well as for low energy houses
- A leaving water temperature up to 65°C makes it also **a perfect choice for refurbishments**

To cover all applications, the R32 Daikin Altherma 3 is available in

3 different indoor units

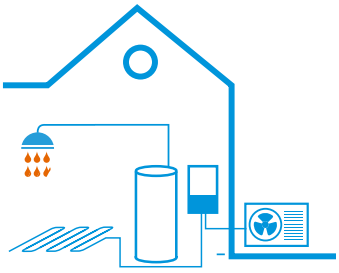


Floor standing unit with integrated domestic hot water tank

Compact and yet 100 % comfort guaranteed
› All components and connections are factory mounted
› Very small 595 x 625 mm installation footprint required
› Minimum electrical input with constantly available hot water
› Dedicated bi-zone models available: two temperature zones automatically regulated by the same indoor unit
› Modern stylish design available in white or silver-grey

Floor standing unit with integrated ECH$_2$O tank

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 (almost no side clearance is required)
› Can be combined with a space separate domestic hot water tank up to 500 litres, with or without solar support
› Stylish modern design

DESIGN AWARD 2018

reddot award 2018 winner

R-32

BLUEVOLUTION

Daikin Altherma 3 floor standing unit

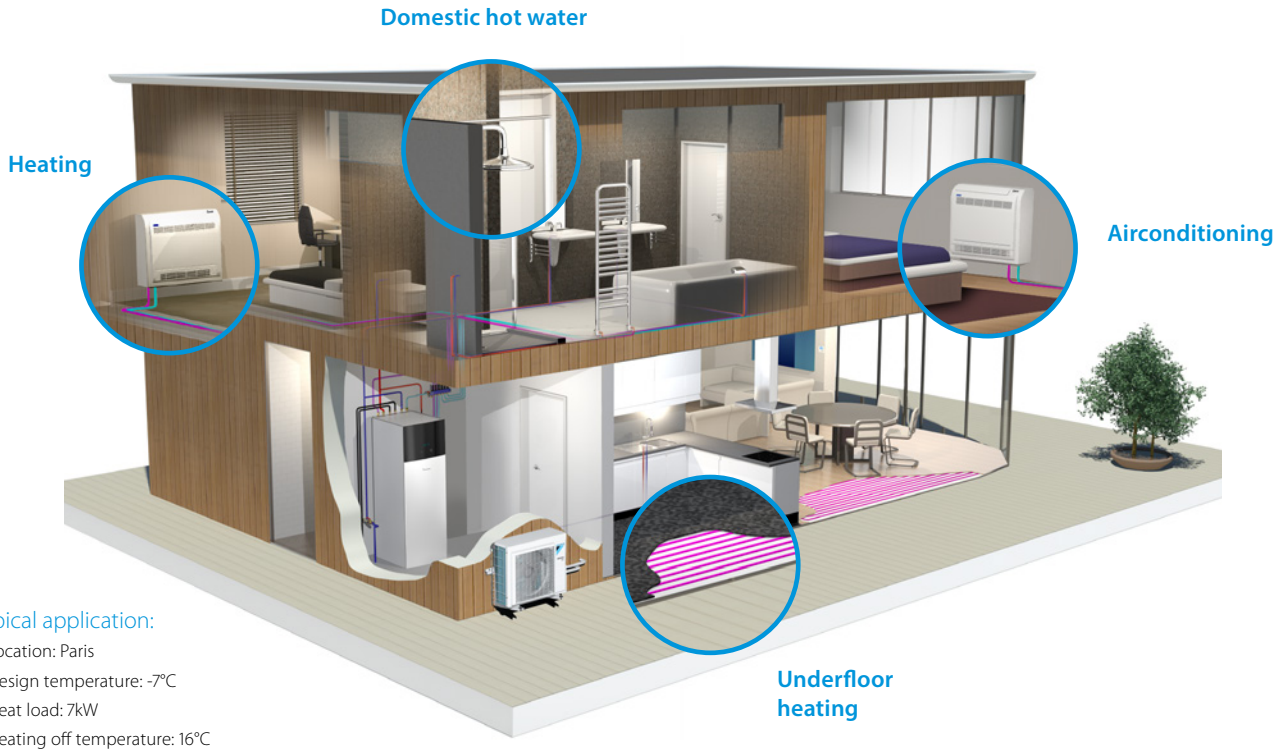
with integrated domestic hot water tank

Why choose Daikin floor standing unit with integrated domestic hot water tank?

The Daikin Altherma 3 floor standing unit is the ideal system **to deliver heating, domestic hot water and cooling** for new build and low energy houses.

All in one system to save installation space and time

- A combined stainless steel domestic hot water tank of 180 or 230 L and heatpump 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 of 595 x 600 mm
- Integrated back-up heater choice of 3, 6, 9 kW aswell as back-up heater less models are available
- Dedicated bi-zone models allowing temperature monitoring for 2 zones connect underfloor heating to radiators for optimise efficiency



Typical application:

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

All-in one design

Reduces the installation footprint and height

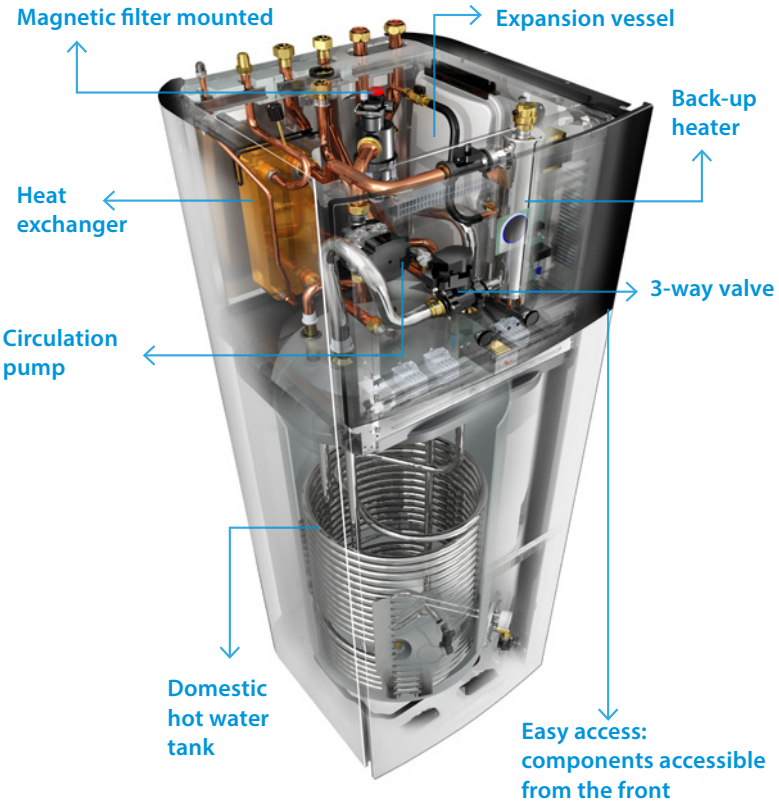
Compared to the traditional split version for a wall mounted indoor unit and a separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

With a small footprint of 595 x 600 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.

With an installation height of 1,65 m for an 180 L tank and 1,85 m for a 230 L tank, the required installation height is less than 2m.

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



Advanced user interface

The Daikin Eye

The intuitive Daikin eye shows you in real time the status of your system.

Blue is perfect! Should the eye turn red, an error has occured.

Quick to configure

Log in and you'll be able to completely configure the unit via the new MMI in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

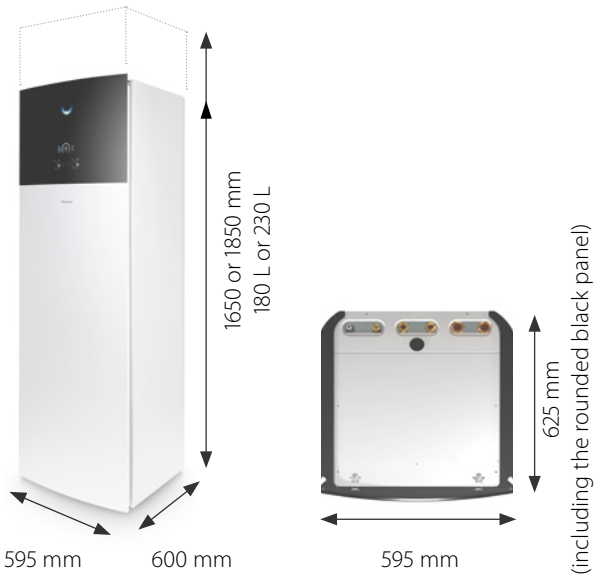
Easy operation

Work super-fast with the new MMI. It's super easy to use with just a few buttons and 2 navigational knobs.

Beautiful design

The MMI was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

Integrated indoor unit



Daikin Altherma 3 low temperature split integrated floor standing unit

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

- A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- 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 of 595 x 600 mm
- Integrated back-up heater choice of 6 or 9 kW
- Outdoor unit extracts heat from the outdoor air, even at -25°C

011-1W0218 → 222
011-1W0245, 247
011-1W0249 → 251

A+++ (3) A+ (3) 65°C R-32

Efficiency data				EHVH + ERGA	04S18D6V(G)+ 04DV	04S23D6V(G)+ 04DV	08S18D6V(G)/D9W(G) + 06DV	08S23D6V(G)/D9W(G) + 06DV	08S18D6V(G)/D9W(G) + 08DV	08S23D6V(G)/D9W(G) + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26				3.32	
			ηs (Seasonal space heating efficiency)	%	127				130	
			Seasonal space heating eff. class		A++					
	Average climate water outlet 35°C	General	SCOP		4.48		4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176				179	
			Seasonal space heating eff. class		A+++ (3)					
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	125	133	125	133	125	133
		Water heating energy efficiency class			A+ (3)					

Indoor Unit				EHVH	04S18D6V(G)	04S23D6V(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)
Casing	Colour				White + Black					
	Material				Resin / Sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit			kg	131	139	131	139	131	139
Tank	Water volume			l	180	230	180	230	180	230
	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
Operation range	Heating	Ambient	Min.~Max.	°C	5~30					
		Water side	Min.~Max.	°C	15 ~65					
	Domestic hot water	Ambient	Min.~Max.	°CDB	5~35					
		Water side	Max.	°C	70					
Sound power level	Nom.			dBA	42					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10~43		
	Domestic hot water		Min.~Max.	°CDB	-25~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

DAIKIN altherma

BLUEVOLUTION

Daikin Altherma 3 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

- A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- 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 of 595 x 600 mm
- Integrated back-up heater choice of 3, 6, 9 kW
- Outdoor unit extracts heat from the outdoor air, even at -25°C

011-1W0218 → 222
011-1W0245, 247
011-1W0249 → 251

A+++ (3) A+ (3) 65°C R-32

Efficiency data				EHVX + ERGA	04S18D3V(G)/ D6V(G) + 04DV	04S23D3V(G)/ D6V(G) + 04DV	08S18D6V(G)/ D9W(G) + 06DV	08S23D6V(G)/ D9W(G) + 06DV	08S18D6V(G)/ D9W(G) + 08DV	08S23D6V(G)/ D9W(G) + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0,850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	5.56 (1) / 4.37 (2)		5.96 (1) / 4.87 (2)		6.25 (1) / 5.35 (2)	
Power input	Cooling	Nom.		kW	0,940 (1) / 1.14 (2)		1.06 (1) / 1.33 (2)		1.16 (1) / 1.51 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.94 (1) / 3.84 (2)		5.61 (1) / 3.67 (2)		5.40 (1) / 3.54 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26				3.32	
			ηs (Seasonal space heating efficiency)	%	127				130	
			Seasonal space heating eff. class		A++					
	Average climate water outlet 35°C	General	SCOP		4.48		4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176				179	
			Seasonal space heating eff. class		A+++(3)					
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	127	134	125	133	125	133
		Water heating energy efficiency class			A+ (3)					

Indoor Unit				EHVX	04S18D3V(G)/ D6V(G)	04S23D3V(G)/ D6V(G)	08S18D6V(G)/ D9W(G)	08S23D6V(G)/ D9W(G)	08S18D6V(G)/ D9W(G)	08S23D6V(G)/ D9W(G)
Casing	Colour				White + Black					
	Material				Resin / Sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit			kg	131	139	131	139	131	139
Tank	Water volume			l	180	230	180	230	180	230
	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
Operation range	Heating	Ambient	Min.~Max.	°C	5~30					
		Water side	Min.~Max.	°C	15 ~65					
	Cooling	Ambient	Min.~Max.	°CDB	5~35					
		Water side	Min.~Max.	°C	5~22					
	Domestic hot water	Ambient	Min.~Max.	°CDB	5~35					
		Water side	Max.	°C	70					
Sound power level	Nom.			dBA	42					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10~43		
	Domestic hot water		Min.~Max.	°CDB	-25~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Daikin Altherma 3 low temperature split integrated bi-zone

Floor standing integrated with **two different temperature zones monitoring**

- A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- 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 of 595 x 600 mm
- Integrated back-up heater choice of 6 or 9 kW
- Outdoor unit extracts heat from the outdoor air, even at -25°C

EHVZ-D6V EHVZ-D6VG

ERGA-DV

011-1W0218 → 222

(3) (3)

Efficiency data				EHVZ + ERGA	04S18D6V(G) + 04DV	08S18D6V(G)/D9W(G) + 06DV	08S23D6V(G)/D9W(G) + 06DV	08S18D6V(G)/D9W(G) + 08DV	08S23D6V(G)/D9W(G) + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP			3.26		3.32	
			ηs (Seasonal space heating efficiency)	%		127		130	
			Seasonal space heating eff. class			A++			
	Average climate water outlet 35°C	General	SCOP		4.48	4.47		4.56	
			ηs (Seasonal space heating efficiency)	%		176		179	
			Seasonal space heating eff. class			A+++ (3)			
Domestic hot water heating	General	Declared load profile				L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%		125	133	125	133
		Water heating energy efficiency class				A+ (3)			

Indoor Unit				EHVZ	04S18D6V(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)
Casing	Colour					White + Black			
	Material					Resin / Sheet metal			
Dimensions	Unit	HeightxWidthxDepth		mm		1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit			kg		136	144	136	144
Tank	Water volume			l		180	230	180	230
	Maximum water temperature			°C		70			
	Maximum water pressure			bar		10			
	Corrosion protection					Pickling			
Operation range	Heating	Ambient	Min.~Max.	°C		5~30			
		Water side	Min.~Max.	°C		15 ~65			
	Domestic hot water	Ambient	Min.~Max.	°CDB		5~35			
		Water side	Max.	°C		70			
Sound power level	Nom.			dBA		42			
Sound pressure level	Nom.			dBA		28			

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm		740x884x388	
Weight	Unit			kg		58.5	
Compressor	Quantity					1	
	Type					Hermetically sealed swing compressor	
Operation range	Cooling		Min.~Max.	°CDB		10~43	
	Domestic hot water		Min.~Max.	°CDB		-25~35	
Refrigerant	Type					R-32	
	GWP					675.0	
	Charge			kg		1.50	
	Charge			TCO2Eq		1.01	
	Control					Expansion valve	
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1N~/50/230	
Current	Recommended fuses			A		25	

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

DAIKIN altherma

BLUEVOLUTION

Daikin Altherma 3 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

- A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- 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 of 595 x 600 mm
- Outdoor unit extracts heat from the outdoor air, even at -25°C

011-1W0218 → 220
011-1W0245, 247
011-1W0249, 251

A+++ (3) A+ (3) 65°C R-32

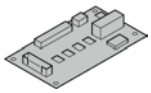
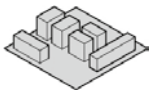
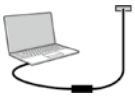
Efficiency data				EHVH + ERGA	04S23DV(G) + 04DV	08S23DV(G) + 06DV	08S23DV(G) + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)	7.50 (1) / 7.80 (2)
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)	1,24 (1) / 1,69 (2)	1,63 (1) / 2.23 (2)
COP					5.10 (1) / 3.65 (2)	4,85 (1) / 3,50 (2)	4,60 (1) / 3.50 (2)
Space heating	Average climate water outlet 55°C	General	SCOP		3.26		3.32
			ηs (Seasonal space heating efficiency)	%	127		130
			Seasonal space heating eff. class		A++		
	Average climate water outlet 35°C	General	SCOP		4.48	4.47	4.56
			ηs (Seasonal space heating efficiency)	%	176		179
			Seasonal space heating eff. class		A+++ (3)		
Domestic hot water heating	General	Declared load profile			XL		
	Average climate	ηwh (water heating efficiency)		%	134		
		Water heating energy efficiency class			A+ (3)		

Indoor Unit				EHVH	04S23DV(G)	08S23DV(G)	08S23DV(G)
Casing	Colour				White + Black		
	Material				Resin / Sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x595x625		
Weight	Unit			kg	139		
Tank	Water volume			l	230		
	Maximum water temperature			°C	70		
	Maximum water pressure			bar	10		
	Corrosion protection				Pickling		
Operation range	Heating	Ambient	Min.~Max.	°C	5~30		
		Water side	Min.~Max.	°C	10 ~70		
	Domestic hot water	Ambient	Min.~Max.	°CDB	5~35		
		Water side	Max.	°C	70		
Sound power level	Nom.			dBA	42		
Sound pressure level	Nom.			dBA	28		

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10~43		
	Domestic hot water		Min.~Max.	°CDB	-25~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)
(3) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Options

Type		Material name		Daikin Altherma 3 LT split Wall mounted	Daikin Altherma 3 LT split Floor standing
Controls	Remote user interface	EKRUDAS		●	●
	LAN Adapter + PV Solar connection	BRP069A61		●	●
	LAN only	BRP069A62		●	●
	Room thermostat (wired)	EKRTWA		●	●
	Room thermostat (wireless)	EKRTR1		●	●
	External sensor	EKRTETS		●	●
Adapter	Demand PCB	EKRP1AHTA		●	●
	Digital I/O PCB	EKRP1HBAA		●	●
Back-up heater	Back-up heater kit	EKLBUHCB6W1			• only for EHVH-DV(G)
Installation	Bi-zone kit (watts kit)	BZKA7V3		●	• (excluding EHVZ)
Sensors	Remote indoor sensor	KRCS01-1		●	●
	Remote outdoor sensor	EKRSCA-1		●	●
Others	PC USB Cable	EKPCCAB3		●	●
	Conversion kit	EKHBCONV		●	
		EKHVCONV			●
	Low sound cover for ERGA-D	EKLN-A		●	●

Daikin Altherma 3 ECH$_2$O

The Daikin Altherma low temperature split integrated ECH$_2$O is renowned for its ability to maximise renewable energy sources to provide the ultimate comfort in heating, domestic hot water and cooling.

Intelligent storage management

› The unit is 'Smart Grid' ready to take advantage of low energy tariffs and efficiently store thermal energy for space heating and domestic hot water
› Continuous heating during defrost mode and use of stored heat for space heating (500l tank only)
› Electronic management of both heat pump and ECH$_2$O thermal store maximises energy efficiency, as well as convenient heating and domestic hot water
› Achieves the highest standards for water sanitation
› Uses more renewable energy with solar connection

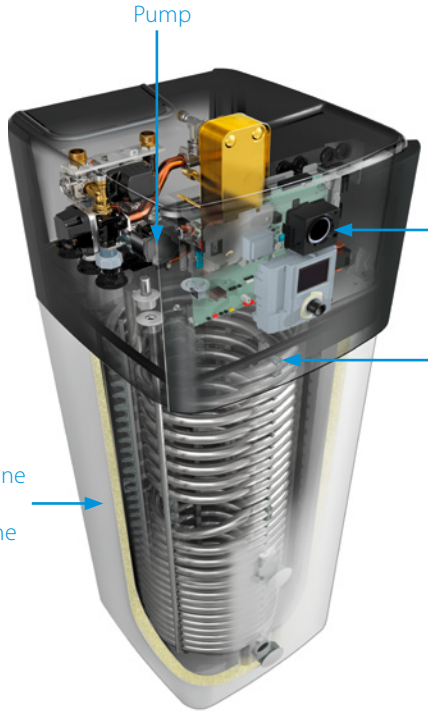
Innovative and high-quality tank

› Lightweight plastic tank
› No corrosion, anode, scale or lime deposits
› Contains impact resistant polypropylene inner and outer walls filled with high-grade insulation foam to reduce heat losses to a minimum

Combinable with other heat sources

› The bivalent option allows heat from other sources such as oil, gas or pellet-fired boilers to be stored in the solar system, further lowering energy consumption

ECH$_2$O



Advanced user interface

The Daikin-Eye

The intuitive Daikin eye shows you in real time the status of your system.
Blue is perfect! Should the eye turn red, an error has occurred.

Quick to configure

Log in and you'll be able to completely configure the unit in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

Easy operation

The user interface works really fast thanks to its icon-based menus.

Beautiful design

The interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

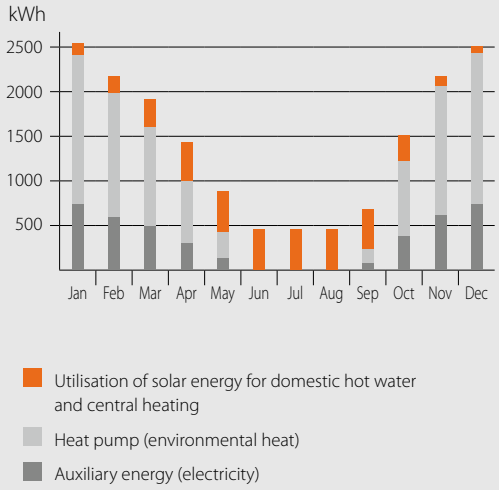
ECH$_2$O thermal store range: additional hot water comfort

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

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

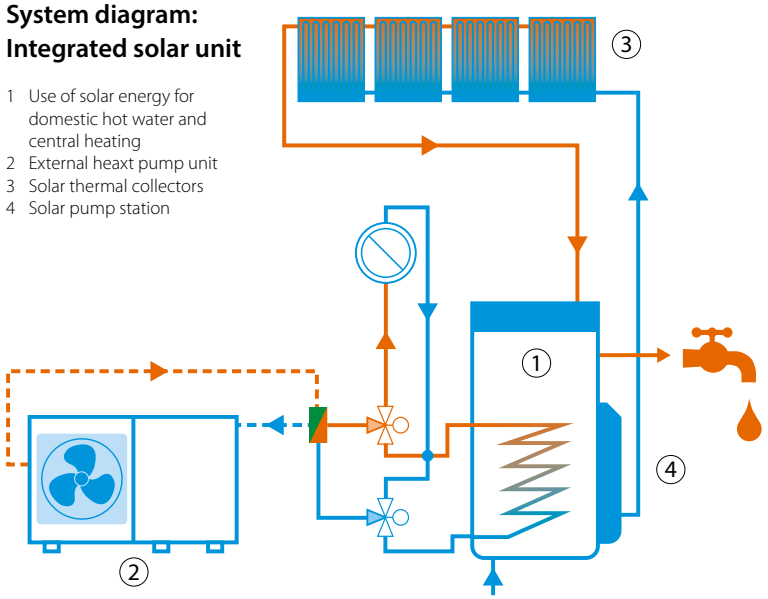
Pressurised solar system (EHSHB-D, EHSXB-D)
› System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
› System is pressurised and sealed

Monthly energy consumption of an average detached house



System diagram: Integrated solar unit

1 Use of solar energy for domestic hot water and central heating
2 External heaxt pump unit
3 Solar thermal collectors
4 Solar pump station



Daikin Altherma 3 ECH$_2$O

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
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating, hot water and cooling operation
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

A+++ (3)

A

65°C

R-32

011-1W0262
011-1W0264 → 267

Efficiency data				EHSH + ERGA	04P30D + 04DV	08P30D + 06DV	08P50D + 06DV	08P30D + 08DV	08P50D + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.85 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26			3.32	
			ηs (Seasonal space heating efficiency)	%	127			130	
			Seasonal space heating eff. class		A++				
	Average climate water outlet 35°C	General	SCOP		4.48	4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176			179	
			Seasonal space heating eff. class		A+++ (3)				
Domestic hot water heating	General	Declared load profile			L		XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	108		106	108	106
		Water heating energy efficiency class			A				

Indoor Unit				EHSH	04P30D	08P30D	08P50D	08P30D	08P50D
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material				Impact resistant polypropylene				
Dimensions	Unit	HeightxWidthxDepth		mm	1891x595x615		1896x790x790	1891x595x615	1896x790x790
Weight	Unit			kg	73		93	73	93
Tank	Water volume			l	294		477	294	477
	Maximum water temperature			°C	85				
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25				
		Water side	Min.~Max.	°C	18~65				
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35				
		Water side	Min.~Max.	°C	25~55				
Sound power level	Nom.			dBA	39.1				
Sound pressure level	Nom.			dBA	28				

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10.0~43.0		
	Domestic hot water		Min.~Max.	°CDB	-25 ~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

DAIKIN altherma

BLUEVOLUTION

Daikin Altherma 3 ECH$_2$O

Floor standing air to water heat pump for bivalent 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
- Bivalent system: combinable with a secondary heat source
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating and hot water operation

ERGA-DV EHSHB-D

A+++ A 65°C R-32

(3)

011-1W0262
011-1W0264 → 267

Efficiency data				EHSHB + ERGA	04P30D + 04DV	08P30D + 06DV	08P50D + 06DV	08P30D + 08DV	08P50D + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.85 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26			3.32	
			ηs (Seasonal space heating efficiency)	%	127			130	
			Seasonal space heating eff. class		A++				
	Average climate water outlet35°C	General	SCOP		4.48	4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176			179	
			Seasonal space heating eff. class		A+++ (3)				
Domestic hot water heating	General	Declared load profile			L		XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	108		109	108	109
		Water heating energy efficiency class			A				

Indoor Unit				EHSHB	04P30D	08P30D	08P50D	08P30D	08P50D
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material				Impact resistant polypropylene				
Dimensions	Unit	HeightxWidthxDepth		mm	1891x595x615		1896x790x790	1891x595x615	1896x790x790
Weight	Unit			kg	73		93	73	93
Tank	Water volume			l	294		477	294	477
	Maximum water temperature			°C	85				
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25				
		Water side	Min.~Max.	°C	18~65				
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35				
		Water side	Min.~Max.	°C	25~55				
Sound power level	Nom.			dBA	39.1				
Sound pressure level	Nom.			dBA	28				

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10.0~43.0		
	Domestic hot water		Min.~Max.	°CDB	-25 ~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Daikin Altherma 3 ECH$_2$O

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

- Integrated solar unit, offering top comfort in heating, hot water and cooling
- 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
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating, hot water and cooling operation
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

ERGA-DV EHSX-D

A+++ (3) A 65°C R-32

011-1W0262 → 267

Efficiency data				EHSX + ERGA	04P30D + 04DV	04P50D + 04DV	08P30D + 06DV	08P50D + 06DV	08P30D + 08DV	08P50D + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.85 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	5.56 (1) / 4.37 (2)		5.96 (1) / 4.87 (2)		6.25 (1) / 5.35 (2)	
Power input	Cooling	Nom.		kW	0.94 (1) / 1.14 (2)		1.06 (1) / 1.33 (2)		1.16 (1) / 1.51 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.94 (1) / 3.84 (2)		5.61 (1) / 3.67 (2)		5.40 (1) / 3.54 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26				3.32	
			ηs (Seasonal space heating efficiency)	%	127				130	
			Seasonal space heating eff. class		A++					
	Average climate water outlet 35°C	General	SCOP		4.48		4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176				179	
			Seasonal space heating eff. class		A+++ (3)					
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	108	106	108	106	108	106
		Water heating energy efficiency class			A					

Indoor Unit				EHSX	04P30D	04P50D	08P30D	08P50D	08P30D	08P50D
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material				Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth		mm	1891x595x615	1896x790x790	1891x595x615	1896x790x790	1891x595x615	1896x790x790
Weight	Unit			kg	73	93	73	93	73	93
Tank	Water volume			l	294	477	294	477	294	477
	Maximum water temperature			°C	85					
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					
		Water side	Min.~Max.	°C	18~65					
	Cooling	Ambient	Min.~Max.	°CDB	10~43					
		Water side	Min.~Max.	°C	5~22					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Sound power level	Nom.			dBA	39.1					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10.0~43.0		
	Domestic hot water		Min.~Max.	°CDB	-25 ~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

DAIKIN altherma

BLUEVOLUTION

Daikin Altherma 3 ECH$_2$O

Floor standing air to water heat pump for bivalent heating, cooling 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
- Bivalent system: combinable with a secondary heat source
- Heat loss is reduced to a minimum thanks to the high quality insulation
- App control possible for managing heating and hot water operation

A+++ (3)

A

65°C

R-32

011-1W0262 → 267

Efficiency data				EHSXB + ERGA	04P30D + 04DV	04P50D + 04DV	08P30D + 06DV	08P50D + 06DV	08P30D + 08DV	08P50D + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.85 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	5.56 (1) / 4.37 (2)		5.96 (1) / 4.87 (2)		6.25 (1) / 5.35 (2)	
Power input	Cooling	Nom.		kW	0.94 (1) / 1.14 (2)		1.06 (1) / 1.33 (2)		1.16 (1) / 1.51 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.94 (1) / 3.84 (2)		5.61 (1) / 3.67 (2)		5.40 (1) / 3.54 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26				3.32	
			ηs (Seasonal space heating efficiency)	%	127				130	
			Seasonal space heating eff. class		A++					
	Average climate water outlet 35°C	General	SCOP		4.48		4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176				179	
			Seasonal space heating eff. class		A+++ (3)					
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	108	109	108	109	108	109
		Water heating energy efficiency class			A					

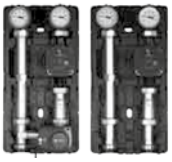
Indoor Unit				EHSXB	04P30D	04P50D	08P30D	08P50D	08P30D	08P50D
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material				Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth		mm	1891x595x615	1896x790x790	1891x595x615	1896x790x790	1891x595x615	1896x790x790
Weight	Unit			kg	76	99	76	99	76	99
Tank	Water volume			l	294	477	294	477	294	477
	Maximum water temperature			°C	85					
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25					
		Water side	Min.~Max.	°C	18~65					
	Cooling	Ambient	Min.~Max.	°CDB	10~43					
		Water side	Min.~Max.	°C	5~22					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Sound power level	Nom.			dBA	39.1					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10.0~43.0		
	Domestic hot water		Min.~Max.	°CDB	-25 ~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Options

Type		Material name	Daikin Altherma 3 ECH$_2$O
Controls	Room thermostat	RoCon U1 / EHS157034	
	Mixer module	RoCon M1 / EHS157068	
	Remote outdoor sensor	EKRSC1	
	Gateway for apps	RoCon G1 / EHS157056	
Back-up heater	Back-up heater 1 kW + Switchbox	EKBUB1C + EKBUHSWB	
	Back-up heater 3 kW + Switchbox	EKBUB3C + EKBUHSWB	
	Back-up heater 9 kW + Switchbox	EKBU9C + EKBUHSWB	
Hydraulics	Hydraulic separator	HWC / 172900	
	Heat insulation for HWC	WHWC / 172901	
Pump group	Pump group with mixer module	156075	
	Pump group without mixer module	156077	
Additional connections	Dirt separator SAS1	SAS1 / 156021	
	Dirt separator SAS2	SAS2 / 156023	
	Biv connector kit	141589	
	DB connector kit	141590	
	Terminal connection kit	141592	
	Connector external heater	141591	
Other	Low sound cover for ERGA-D	EKLN-A	

DESIGN AWARD 2018

reddot award 2018 winner

R-32

BLUEVOLUTION

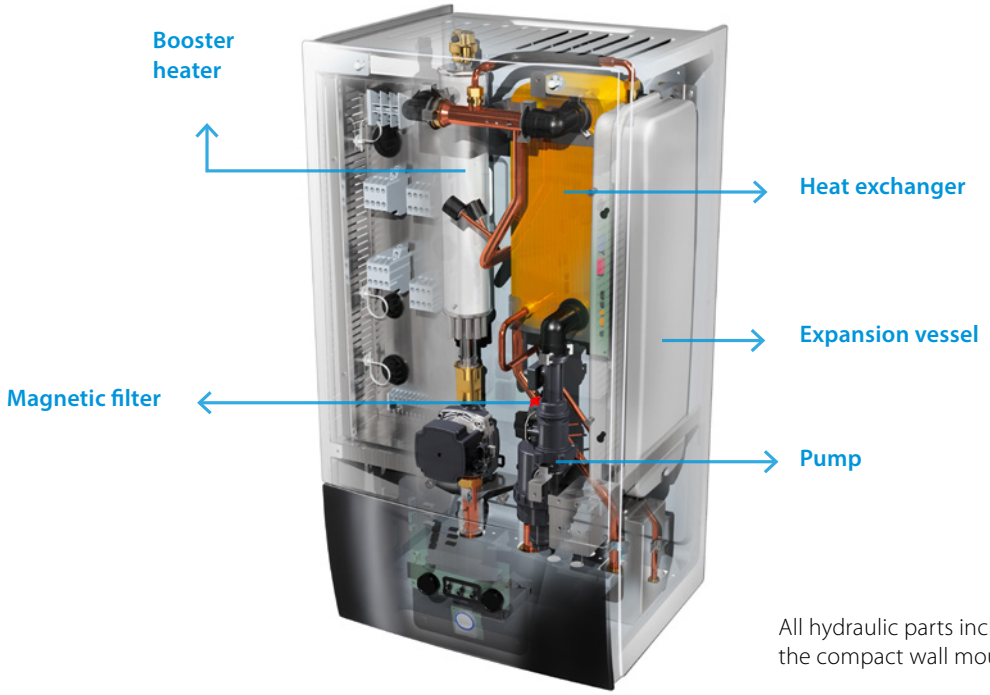
Daikin Altherma 3 wall mounted unit

Why choose Daikin wall mounted unit?

The Daikin Altherma 3 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 or ECH_2O thermal store



All hydraulic parts included in the compact wall mounted unit

Flexibility in providing domestic hot water

If the end user only requires hot water and installation height is limited, a separate tank can provide the required installation flexibility. At the side of our standard stainless steel tanks, we propose the ECH_2O thermal stores.

ECH_2O 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: with high tapping performance
› Fit for future possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
› Lightweight and robust build on the unit combined with cascade principle offers flexible installation options

Example of installation with a stainless steel domestic hot water tank.

Daikin Altherma 3 low temperature split wall mounted unit

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

- 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 tank or ECH$_2$O thermal store.
- Outdoor unit extracts heat from the outdoor air, even at -25°C

011-1W0218-219
011-1W0221
011-1W0246-247

A+++ (3)

65°C

R-32

Efficiency data				EHBH + ERGA	04D6V + 04DV	08D6V + 06DV	08D9W + 06DV	08D6V + 08DV	08D9W + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.85 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26			3.32	
			ηs (Seasonal space heating efficiency)	%	127			130	
			Seasonal space heating eff. class		A++				
	Average climate water outlet 35°C	General	SCOP		4.48	4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176			179	
			Seasonal space heating eff. class		A+++ (3)				

Indoor Unit				EHBH	04D6V	08D6V	08D9W	08D6V	08D9W
Casing	Colour				White + Black				
	Material				Resin, sheet metal				
Dimensions	Unit	HeightxWidthxDepth		mm	840x440x390				
Weight	Unit			kg	42.0		42.4	42.0	42.4
Operation range	Heating	Water side	Min.~Max.	°C	15 ~65				
	Domestic hot water	Water side	Min.~Max.	°C	25~75				
Sound power level	Nom.			dBA	42				
Sound pressure level	Nom.			dBA	28				

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10~43		
	Domestic hot water		Min.~Max.	°CDB	-25~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

DAIKIN altherma

BLUEVOLUTION

Daikin Altherma 3 low temperature split wall mounted unit

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

- 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 tank or ECH$_2$O thermal store.
- Outdoor unit extracts heat from the outdoor air, even at -25°C

ERGA-DV

EHBX-D6V

011-1W0218-219
011-1W0221
011-1W0246-247

A+++ (3)

65°C

R-32

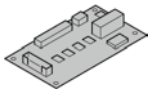
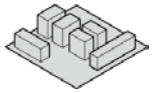
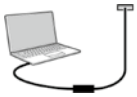
Efficiency data				EHBX + ERGA	04D6V + 04DV	08D6V + 06DV	08D9W + 06DV	08D6V + 08DV	08D9W + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	5.56 (1) / 4.37 (2)	5.96 (1) / 4.87 (2)		6.25 (1) / 5.35 (2)	
Power input	Cooling	Nom.		kW	0.940 (1) / 1.14 (2)	1.06 (1) / 1.33 (2)		1.16 (1) / 1.51 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.94 (1) / 3.84 (2)	5.61 (1) / 3.67 (2)		5.40 (1) / 3.54 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.26			3.32	
			ηs (Seasonal space heating efficiency)	%	127			130	
			Seasonal space heating eff. class		A++				
	Average climate water outlet 35°C	General	SCOP		4.48	4.47		4.56	
			ηs (Seasonal space heating efficiency)	%	176			179	
			Seasonal space heating eff. class		A+++ (3)				

Indoor Unit				EHBX	04D6V	08D6V	08D9W	08D6V	08D9W
Casing	Colour				White + Black				
	Material				Resin, sheet metal				
Dimensions	Unit	HeightxWidthxDepth		mm	840x440x390				
Weight	Unit			kg	42.0		42.4	42.0	42.4
Operation range	Heating	Water side	Min.~Max.	°C	15 ~65				
	Domestic hot water	Water side	Min.~Max.	°C	25~75				
Sound power level	Nom.			dBA	42				
Sound pressure level	Nom.			dBA	28				

Outdoor Unit				ERGA	04DV	06DV	08DV
Dimensions	Unit	HeightxWidthxDepth		mm	740x884x388		
Weight	Unit			kg	58.5		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling		Min.~Max.	°CDB	10~43		
	Domestic hot water		Min.~Max.	°CDB	-25~35		
Refrigerant	Type				R-32		
	GWP				675.0		
	Charge			kg	1.50		
	Charge			TCO2Eq	1.01		
	Control				Expansion valve		
Sound power level	Heating		Nom.	dBA	58	60	62
	Cooling		Nom.	dBA	61	62	
Sound pressure level	Heating		Nom.	dBA	44	47	49
	Cooling		Nom.	dBA	48	49	50
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1N~/50/230		
Current	Recommended fuses			A	25		

(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) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.

Options

Type		Material name		Daikin Altherma 3 LT split Wall mounted	Daikin Altherma 3 LT split Floor standing
Controls	Remote user interface	EKRUDAS		●	●
	LAN Adapter + PV Solar connection	BRP069A61		●	●
	LAN only	BRP069A62		●	●
	Room thermostat (wired)	EKRTWA		●	●
	Room thermostat (wireless)	EKRTR1		●	●
	External sensor	EKRTETS		●	●
Adapter	Demand PCB	EKRP1AHTA		●	●
	Digital I/O PCB	EKRP1HBAA		●	●
Back-up heater	Back-up heater kit	EKLBUHCB6W1			only for EHVH-DV(G)
Installation	Bi-zone kit (watts kit)	BZKA7V3		●	(excluding EHVZ)
Sensors	Remote indoor sensor	KRCS01-1		●	●
	Remote outdoor sensor	EKRSCA-1		●	●
Others	PC USB Cable	EKPCCAB3		●	●
	Conversion kit	EKHBCONV		●	
		EKHVCONV			●
	Low sound cover for ERGA-D	EKLN-A		●	●

R-410A

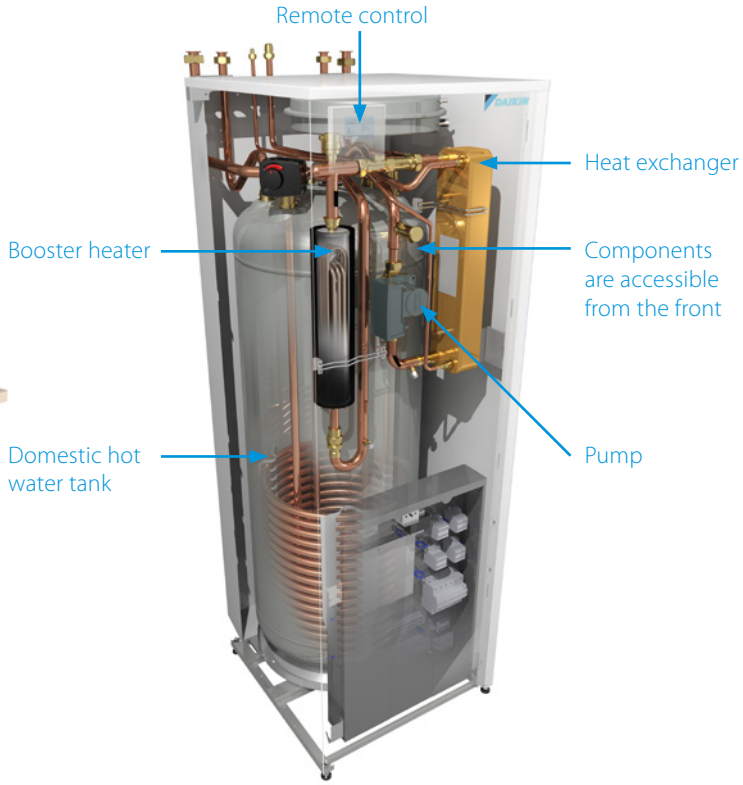
Daikin Altherma low temperature split

floor standing unit with integrated domestic hot water tank

The Daikin Altherma floor standing unit heating delivers 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

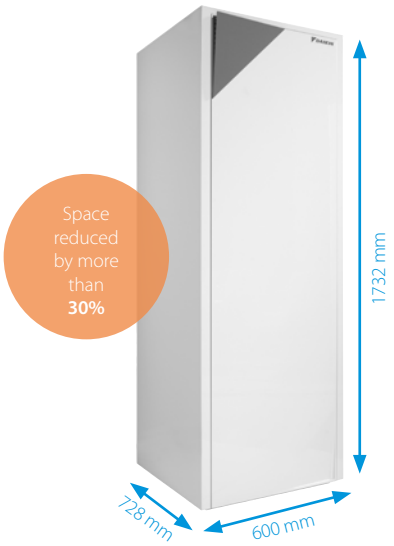
Compared to the traditional split version for a wall mounted indoor unit and separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

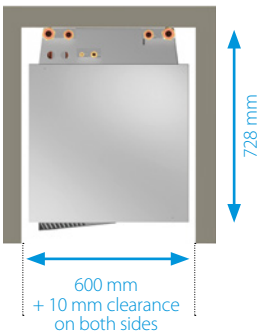
Smaller footprint: with a width of only 600 mm and a depth of 728 mm, the integrated indoor unit has a similar footprint when compared to other household appliances. For installation projects, almost no side clearance is necessary as the piping is located at the top of the unit. This results in an installation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

Integrated indoor unit





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
- 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)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVH-CB

ERLQ004-008CV3

ERLQ011-016CW1

011-1W0068 → 78

A++ A 55°C R-410A

Efficiency data				EHVH + ERLQ-C	04S18CB3V + 004CV3	08S26CB9W / 08S18CB3V + 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 / 4.03	6.00 / 5.67	7.40 / 6.89	11.2 / 11.0	14.5 / 13.6	16.0 / 15.2	11.2 / 11.0	14.5 / 13.6	16.0 / 15.2
Power input	Heating	Nom.		kW	0.870 / 1.13	1.27 / 1.59	1.66 / 2.01	2.43 / 3.10	3.37 / 4.10	3.76 / 4.66	3.42 / 4.21	3.37 / 4.10	3.76 / 4.66
COP					5.04 / 3.58	4.74 / 3.56	4.45 / 3.42	4.60 / 2.75 / 3.55 / 2.10	4.30 / 2.65 / 3.32 / 2.08	4.25 / 2.64 / 3.26 / 2.09	4.60 / 2.75 / 3.55 / 2.10	4.30 / 2.65 / 3.32 / 2.08	4.25 / 2.64 / 3.26 / 2.09
Space heating	Average climate water outlet 55°C	General	SCOP		3.20	3.22	3.20	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126	125	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	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	04S18CB3V	08S26CB9W / 08S18CB3V	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	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 ~55.0								
	Domestic hot water	Water side	Min.~Max.	°C	25~60			25~60 / 60					
Sound power level	Nom.			dBA	42.0				44.0		42.0	44.0	
Sound pressure level	Nom.			dBA	28.0				30.0		28.0	30.0	

Outdoor Unit				ERLQ-C	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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
	GWP				2,087.5								
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		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

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
- 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 -20°C
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVH-C

ERHQ011-016BW1

Efficiency data				EHVH + ERHQ-B	11S26CB9W / 11S18CB3V + 011BV3		16S26CB9W / 16S18CB3V + 014BV3		16S26CB9W / 16S18CB3V + 016BV3		11S26CB9W / 11S18CB3V + 011BW1		16S26CB9W / 16S18CB3V + 014BW17		16S18CB3V / 16S26CB9W + 016BW1	
Heating capacity	Nom.			kW	11.2 / 10.3		14.0 / 13.1		16.0 / 15.2		11.3 / 11.0		14.5 / 13.6		16.1 / 15.1	
Power input	Heating	Nom.		kW	2.55 / 3.17		3.26 / 4.04		3.92 / 4.75		2.63 / 3.24		3.42 / 4.21		3.82 / 4.69	
COP					4.39 / 3.25		4.29 / 3.24		4.08 / 3.20		4.30 / 3.39		4.24 / 3.22		4.20 / 3.22	
Space heating	Average climate water outlet 55°C	General	SCOP		2.86		2.82		2.92		2.90		2.86		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		111		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			
			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	L	XL	L	XL	L	XL	L	XL	L	L	XL
	Average climate	ηwh (water heating efficiency)		%	95.3	90.5	95.3	90.5	95.3	90.5	87.3	84.3	87.3	84.3	84.3	87.3
		Water heating energy efficiency class			A										A	

Indoor Unit				EHVH	11S26CB9W / 11S18CB3V		16S26CB9W / 16S18CB3V		16S26CB9W / 16S18CB3V		11S26CB9W / 11S18CB3V		16S26CB9W / 16S18CB3V		16S18CB3V / 16S26CB9W	
Casing	Colour				White											
	Material				Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728											
Weight	Unit			kg	126	117	128	118	128	118	126	117	128	118	118	128
Tank	Water volume			l	260	180	260	180	260	180	260	180	260	180	180	260
	Maximum water temperature			°C	65											
	Maximum water pressure			bar	10											
	Corrosion protection				Anode											
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0											
	Domestic hot water	Water side	Min.~Max.	°C	25~60 / 60											
Sound power level	Nom.			dBA	42.0		44.0				42.0		44.0			
Sound pressure level	Nom.			dBA	28.0		30.0				28.0		30.0			

Outdoor Unit				ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
	GWP				2,087.5					
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
- 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)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

011-1W0068 → 78

up to A++ A

Efficiency data				EHVX + ERLQ-C	04S18 CB3V + 004CV3	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(1) / 2.08(2)	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	3.20	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126	125	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									A						

Indoor Unit				EHVX	04S18CB3V	08S18CB3V	08S26CB9W	11S18CB3V	11S26CB9W	16S18CB3V	16S26CB9W
Casing	Colour				White						
	Material				Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728						
Weight	Unit			kg	117	119	129	119	128	120	130
Tank	Water volume			l	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 ~55.0						
	Cooling	Water side	Min.~Max.	°C	5.00~22.0						
	Domestic hot water	Water side	Min.~Max.	°C	25~60			25~60 / 60			
Sound power level	Nom.			dBA	42.0					44.0	
Sound pressure level	Nom.			dBA	28.0					30.0	

Outdoor Unit				ERLQ-C	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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
	GWP				2,087.5								
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		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

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
- 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 -20°C
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVX-CB

ERHQ011-016BW1

A++ A 55°C R-410A

Efficiency data				EHVX + ERHQ-B	11S18CB3V + 011BV3	11S26CB9W + 011BV3	16S26CB9W + 014BV3	16S18CB3V + 014BV3	16S26CB9W + 016BV3	16S18CB3V + 016BV3	11S18CB3V + 011BW1	11S26CB9W + 011BW1	16S26CB9W + 014BW17	16S18CB3V + 014BW17	16S18CB3V + 016BW1	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		2.86 / 2.80		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		111 / 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	
	Average climate	ηwh (water heating efficiency)		%	90.5	95.3	90.5	95.3	90.5	84.3	87.3		84.3		87.3	
		Water heating energy efficiency class			A											

Indoor Unit				EHVX	11S18CB3V	11S26CB9W	16S26CB9W	16S18CB3V	16S26CB9W	16S18CB3V	11S18CB3V	11S26CB9W	16S26CB9W	16S18CB3V	16S18CB3V	16S26CB9W
Casing	Colour				White											
	Material				Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728											
Weight	Unit			kg	119	128	130	120	130	120	119	128	130	120		130
Tank	Water volume			l	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 ~55.0											
	Cooling	Water side	Min.~Max.	°C	5.00~22.0											
	Domestic hot water	Water side	Min.~Max.	°C	25~60 / 60											
Sound power level	Nom.			dBA	42.0		44.0				42.0		44.0			
Sound pressure level	Nom.			dBA	28.0		30.0				28.0		30.0			

Outdoor Unit				ERHQ-B	011BV3	011BV3	014BV3	014BV3	016BV3	016BV3	011BW1	011BW1	014BW1	014BW17	016BW1	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			kg	2.7						3.0					
	Charge			TCO2Eq	5.6						6.3					
	GWP				2,087.5											
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)

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)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

up to A++

A

011-1W0068 → 78

Efficiency data				EHVZ + ERLQ-C	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(7)	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	Nominal ESP unit (*RLQ*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	
Pump Main Zone	Nominal ESP unit (*RLQ*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	
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	08S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	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-C	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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
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		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

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
- Outdoor unit extracts heat from the outdoor air, even at -20°C
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVZ-CB3V

ERHQ011-016BW1

R-410A

Efficiency data				EHVZ + ERHQ-B	16S18CB3V + 011BV3	16S18CB3V + 014BV3	16S18CB3V + 016BV3	16S18CB3V + 011BW1	16S18CB3V + 014BW17	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	2.86	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	111	115
			Seasonal space heating eff. class		A+					
Pump Additional Zone	Nominal ESP unit (*RHQ*B*)	Heating		kPa	26.2 (1.000) / 35.0 (2.000)	25.0 (5.000)		24.8 (1.000) / 28.3 (2.000)	25.0 (5.000)	
Pump Main Zone	Nominal ESP unit (*RHQ*B*)	Heating		kPa	18.2 (1.000) / 28.8 (2.000)	25.0 (5.000)		16.4 (1.000) / 20.7 (2.000)	25.0 (5.000)	
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	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	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-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
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 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
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- Flexible configuration with respect to heat emitters
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

011-1W0068 →78

up to A++ A 55°C R-410A

Efficiency data				EHVH + ERLQ-C	04S18CBV + 004CV3	08S18CBV + 006CV3	08S26CBV + 006CV3	08S26CBV + 008CV3	08S18CBV + 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		3.20		3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		125		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	97.7					97.7
		Water heating energy efficiency class			A										

Indoor Unit				EHVH	04S18CBV	08S18CBV	08S26CBV	08S26CBV	08S18CBV	11S26CBV	16S26CBV	16S26CBV	11S26CBV	16S26CBV	16S26CBV
Casing	Colour				White										
	Material				Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728										
Weight	Unit			kg	116	117	125		117	124	126		124	126	
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	10 ~55.0					10 ~55.0					
	Domestic hot water	Water side	Min.~Max.	°C	25~70										
Sound power level	Nom.			dBA	42.0						44.0		42.0	44.0	
Sound pressure level	Nom.			dBA	28.0						30.0		28.0	30.0	

Outdoor Unit				ERLQ-C	004CV3	006CV3	006CV3	008CV3	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			kg	1.5	1.6				3.4					
	Charge			TCO2Eq	3.1	3.3				7.1					
	GWP				2,087.5										
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		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

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
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- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVH-CBV

ERHQ011-016BW1

Efficiency data				EHVH + ERHQ-B	11S26CBV + 011BV3	16S26CBV + 014BV3	16S26CBV + 016BV3	11S26CBV + 011BW1	16S26CBV + 014BW17	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	2.86	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	111	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	16S26CBV	16S26CBV
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	1,732x600x728					
Weight	Unit			kg	124	126		124	126	
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 ~55.0					
	Domestic hot water	Water side	Min.~Max.	°C	25~70					
Sound power level	Nom.			dBA	42.0	44.0		42.0	44.0	
Sound pressure level	Nom.			dBA	28.0	30.0		28.0	30.0	

Outdoor Unit				ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
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

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- Best seasonal efficiencies, providing the highest savings on running costs
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- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

011-1W0068 →78

up to A++ A 55°C R-410A

Efficiency data				EHVH + ERLQ-C	04SU18CB6W +004CV3	08SU18CB6W +006CV3	08SU26CB6W +006CV3	08SU26CB6W +008CV3	08SU18CB6W +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		3.20		3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126		125		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	97.7					
		Water heating energy efficiency class			A										

Indoor Unit			EHVH	04SU18CB6W	08SU18CB6W	08SU26CB6W	08SU26CB6W	08SU18CB6W	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		121	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 ~55.0					15 ~55.0					
	Domestic hot water	Water side Min.~Max.	°C	25~65										
Sound power level	Nom.		dBA	42.0						44.0		42.0	44.0	
Sound pressure level	Nom.		dBA	28.0						30.0		28.0	30.0	

Outdoor Unit			ERLQ-C	004CV3	006CV3	006CV3	008CV3	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		kg	1.5	1.6				3.4					
	Charge		TCO2Eq	3.1	3.3				7.1					
	GWP			2,087.5										
Sound power level	Heating	Nom.	dBA	61		62			64		66	64		66
	Cooling	Nom.	dBA	63					64	66	69	64	66	69
Sound pressure	Heating	Nom.	dBA	48		49			51		52	51		52
level	Cooling	Nom.	dBA	48	49	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

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- Flexible configuration with respect to heat emitters
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHVH-CB6W

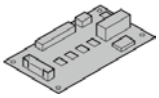
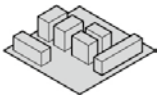
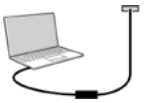
ERHQ011-016BW1

Efficiency data				EHVH + ERHQ-B	11SU26CB6W + 011BV3	16SU26CB6W + 014BV3	16SU26CB6W + 016BV3	11SU26CB6W + 011BW1	16SU26CB6W + 014BW17	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	2.86	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	111	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 ~55.0					
	Domestic hot water	Water side	Min.~Max.	°C	25~65					
Sound power level	Nom.			dBA	42.0	44.0		42.0	44.0	
Sound pressure level	Nom.			dBA	28.0	30.0		28.0	30.0	

Outdoor Unit				ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
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

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		•	•
	Low sound cover for ERLQ-CV3	EKLN-A		•	

R-410A

Daikin Altherma low temperature split integrated ECH_2O

The Daikin Altherma low temperature split integrated ECH_2O is renowned for its ability to maximise renewable energy sources to provide the ultimate comfort in heating, domestic hot water and cooling

Intelligent storage management

› The unit is 'Smart Grid' ready to take advantage of low energy tariffs and efficiently store thermal energy for space heating and domestic hot water
› Continuous heating during defrost mode and use of stored heat for space heating (500l tank only)
› Electronic management of both heat pump and ECH_2O thermal store maximises energy efficiency, as well as convenient heating and domestic hot water
› Achieves the highest standards for water sanitation
› Uses more renewable energy with solar connection

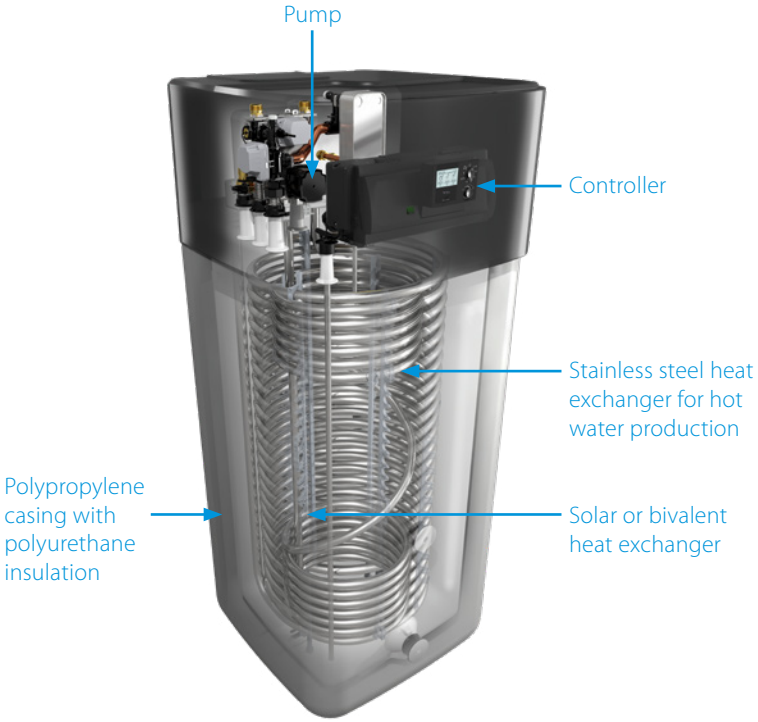
Innovative and high-quality tank

› Lightweight plastic tank
› No corrosion, anode, scale or lime deposits
› Contains impact resistant polypropylene inner and outer walls filled with high-grade insulation foam to reduce heat losses to a minimum

Combinable with other heat sources

› The bivalent option allows heat from other sources such as oil, gas or pellet-fired boilers to be stored in the solar system, further lowering energy consumption

ECH_2O



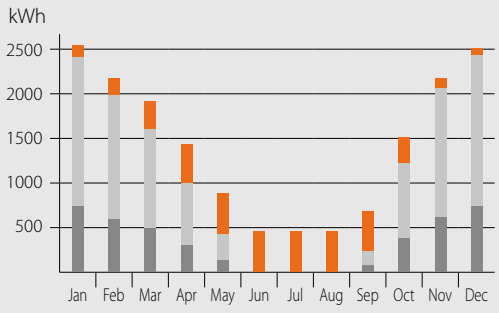
ECH$_2$O thermal store range: additional hot water comfort

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

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

Pressurised solar system (EHSHB-B, EHSXB-B)
› System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
› System is pressurised and sealed

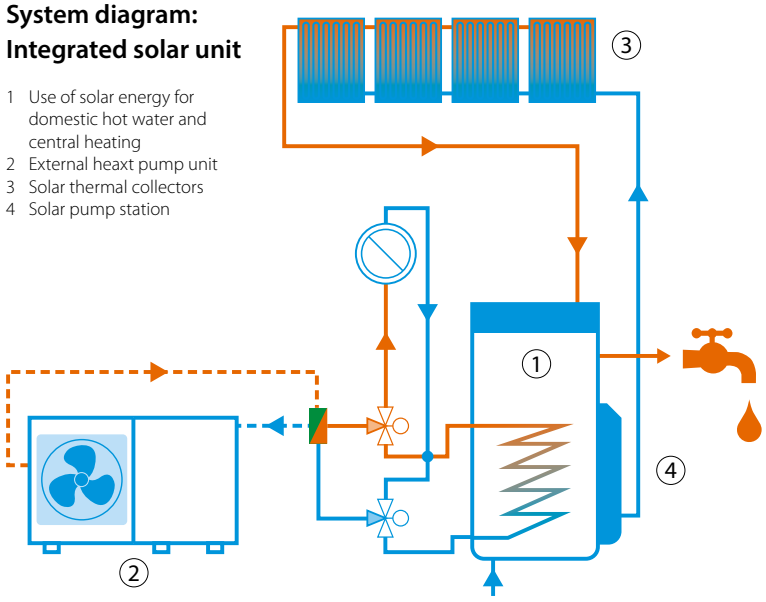
Monthly energy consumption of an average detached house



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

System diagram: Integrated solar unit

1 Use of solar energy for domestic hot water and central heating
2 External heaxt pump unit
3 Solar thermal collectors
4 Solar pump station



Daikin Altherma low temperature split integrated ECH$_2$O

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

- 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
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

EHSH-B

ERLQ004-008CV3

ERLQ011-016CW1

011-1W0087 → 95

A++ A 55°C R-410A

Efficiency data				EHSH + ERLQ-C	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)		5.53(1) / 5.51(2) / 7.78(3) / 7.27(4)		5.95(1) / 7.74(2) / 11.80(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)	8.28(1) / 9.57(2) / 14.81(3) / 13.73(4)	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) / 4.07(2) / 3.17(3) / 2.93(4)		2.57(1) / 3.13(2) / 2.43(3) / 2.35(4)	3.42(1) / 4.07(2) / 3.17(3) / 2.93(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) / 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)	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	ηs (Seasonal space heating efficiency)	%	130	125		127		125	126	125		126	125
			Seasonal space heating eff. class		A++										
Domestic hot water heating	General	Declared load profile			L		XL	L	XL						
	Average climate	ηwh (water heating efficiency)		%	103	98	102	90	96	83					
		Water heating energy efficiency class			A										

Indoor Unit				EHSH	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material				Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth		mm	1,945 / 1,890x615x595		1,945 / 1,890x790 x790	1,945 / 1,890x615 x595		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
		Water side	Min.~Max.	°C	15 ~55					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Sound power level	Nom.			dBA	40					
Sound pressure level	Nom.			dBA	28					

Outdoor Unit				ERLQ-C	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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
	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		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) 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 ECH$_2$O

Floor standing air to water heat pump for bivalent 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
- Bivalent system: combinable with a secondary heat source
- 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

011-1W0068 → 78

A++ A 55°C R-410A

Efficiency data				EHSHB + ERLQ-C	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)		5.53(1) / 5.51(2) / 7.78(3) / 7.27(4)		5.95(1) / 7.74(2) / 11.80(3) / 10.40(4)	14.81(1) / 13.73(2) / 8.28(3) / 9.57(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)	8.28(1) / 9.57(2) / 14.81(3) / 13.73(4)	8.04 / 10.05 / 15.34 / 14.86
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) / 4.07(2) / 3.17(3) / 2.93(4)		2.57(1) / 3.13(2) / 2.43(3) / 2.35(4)	3.42(1) / 4.07(2) / 3.17(3) / 2.93(4)	3.42 / 4.07 / 3.17 / 2.93
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) / 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)	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 / 3.22 / 2.44 / 3.15
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	130	125		127		125	126	125		126	125
			Seasonal space heating eff. class		A++										
Domestic hot water heating	General	Declared load profile			L		XL	L	XL						
	Average climate	ηwh (water heating efficiency)		%	103	98	108	90	99	84					
		Water heating energy efficiency class			A										

Indoor Unit				EHSHB	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B	16P50B	16P50B	16P50B	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				
		Water side	Min.~Max.	°C	15 ~55									
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35									
		Water side	Min.~Max.	°C	25~55									
Sound power level	Nom.			dBA	40									
Sound pressure level	Nom.			dBA	28									

Outdoor Unit				ERLQ-C	004CV3	006CV3	006CV3	008CV3	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			kg	1.5	1.6				3.4					
	Charge			TCO2Eq	3.1	3.3				7.1					
	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			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) 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 ECH$_2$O

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

- Integrated solar unit, offering top comfort in heating, hot water and cooling
- 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, hot water and cooling operation
- Outdoor unit extracts heat from the outdoor air, even at -25°C
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump

011-1W0096 → 104

Efficiency data				EHSX + ERLQ-C	04P30B + 004CV3	08P50B + 006CV3	08P30B + 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)		5.53(1) / 5.51(2) / 7.78(3) / 7.27(4)		5.95(1) / 7.74(2) / 11.80(3) / 10.40(4)	14.81(1) / 13.73(2) / 8.28(3) / 9.57(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)	8.28(1) / 9.57(2) / 14.81(3) / 13.73(4)	8.04 / 10.05 / 15.34 / 14.86
Cooling capacity	Nom.			kW	4.4(1) / 4.0(2)	5.2(1) / 4.6(2)				15.1(1) / 11.7(2)	16.1(1) / 12.6(2)	16.8(1) / 13.1(2)	15.1(1) / 11.7(2)	16.1(1) / 12.6(2)	16.8 / 13.1
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) / 4.07(2) / 3.17(3) / 2.93(4)		2.57(1) / 3.13(2) / 2.43(3) / 2.35(4)	3.42(1) / 4.07(2) / 3.17(3) / 2.93(4)	3.42 / 4.07 / 3.17 / 2.93
	Cooling	Nom.		kW	1.05(1) / 1.41(2)	1.43(1) / 1.85(2)				4.55(1) / 4.30(2)	5.44(1) / 5.10(2)	6.18(1) / 5.72(2)	4.55(1) / 4.30(2)	5.44(1) / 5.10(2)	6.18 / 5.72
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) / 2.45(3) / 3.29(4)	4.27(1) / 3.34(2) / 2.47(2) / 2.58(3) / 3.22(4)	4.10(1) / 3.22(2) / 2.44(3) / 3.15(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 / 3.22 / 2.44 / 3.15
EER					4.21(1) / 2.85(2)	3.65(1) / 2.51(2)				3.32(1) / 2.72(2)	2.96(1) / 2.47(2)	2.72(1) / 2.29(2)	3.32(1) / 2.72(2)	2.96(1) / 2.47(2)	2.72 / 2.29
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	132	126		128			130	127	128	130	127
			Seasonal space heating eff. class		A++										
Domestic hot water heating	General	Declared load profile			L	XL	L		XL						
	Average climate	ηwh (water heating efficiency)		%	103	102	98	90	96	83					
		Water heating energy efficiency class			A										

Indoor Unit				EHSX	04P30B	08P50B	08P30B	08P50B	08P50B	16P50B	16P50B	16P50B	16P50B	16P50B	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			1,945 / 1,890x790x790	1,890x790x790		1,945 / 1,890x790x790
Weight	Unit			kg	84	111	84		111	116		113	116		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					
		Water side	Min.~Max.	°C	15 ~55										
	Cooling	Ambient	Min.~Max.	°CDB	10~43							-~-	10~43		-~-
		Water side	Min.~Max.	°C	5~22					-~-					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35										
		Water side	Min.~Max.	°C	25~55										
Sound power level	Nom.			dBA	40										
Sound pressure level	Nom.			dBA	28										

Outdoor Unit				ERLQ-C	004CV3	006CV3	006CV3	008CV3	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			kg	1.5	1.6				3.4					
	Charge			TCO2Eq	3.1	3.3				7.1					
	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			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) 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 ECH$_2$O

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

011-1W0096 → 104

A++ A 55°C R-410A

Options

	Type	Material name
Controls	Room thermostat RoCon U1	EHS157034
	Gateway RoCon G1 for apps	EHS157056
	Connection kit for MK1	VMK1
Back-up heater	Back-up heater 1kW	EKBU1C
	Back-up heater 3kW	EKBU3C
	Back-up heater 9kW	EKBU9C
Installation	Heat insulation for hydraulic separator (HWC)	WHWC
	Separator for dirt	SAS1
	Separator - hydraulic	HWC
Sensor	External sensor	EKRTETS
	Outdoor sensor for Rocon Controller	RoCon OT1
Others	Mixer module RoCon M1	EHS157068
	Low sound cover for ERLQ-CV3	EKLN-A

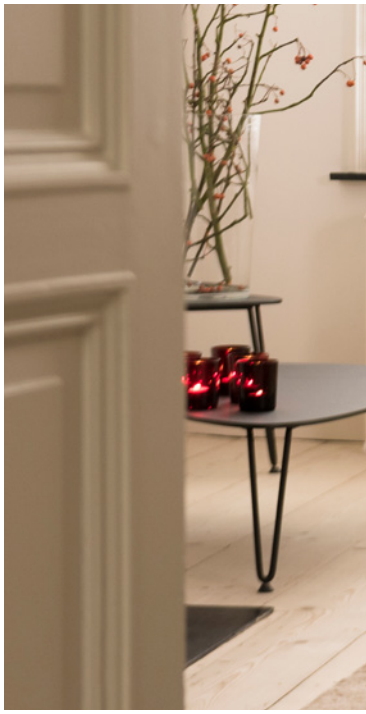
Efficiency data				EHSXB + ERLQ-C	04P30B + 004CV3	08P30B + 006CV3	08P50B + 006CV3	08P30B + 008CV3	08P50B + 008CV3	16P50B + 011CV3	16P50B + 014CV3	16P50B + 016CV3	16P50B + 011CW1	16P50B + 014CW1	16P50B + 016CW1
Heating capacity	Nom.			kW	4.26(1) / 3.47(2) / 4.53(3) / 3.98(4)	5.14(1) / 4.60(2) / 6.06(3) / 5.78(4)		5.53(1) / 5.51(2) / 7.78(3) / 7.27(4)		5.95(1) / 7.74(2) / 11.80(3) / 10.40(4)	14.81(1) / 13.73(2) / 8.28(3) / 9.57(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)	8.28(1) / 9.57(2) / 14.81(3) / 13.73(4)	8.04 / 10.05 / 15.34 / 14.86
Cooling capacity	Nom.			kW	4.4(1) / 4.0(2)	5.2(1) / 4.6(2)				15.1(1) / 11.7(2)	16.1(1) / 12.6(2)	16.8(1) / 13.1(2)	15.1(1) / 11.7(2)	16.1(1) / 12.6(2)	16.8 / 13.1
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 / 3.13 / 2.43 / 2.35	3.42(1) / 4.07(2) / 3.17(3) / 2.93(4)		2.57(1) / 3.13(2) / 2.43(3) / 2.35(4)	3.42(1) / 4.07(2) / 3.17(3) / 2.93(4)	3.42 / 4.07 / 3.17 / 2.93
	Cooling	Nom.		kW	1.05(1) / 1.41(2)	1.43(1) / 1.85(2)				4.55(1) / 4.30(2)	5.44(1) / 5.10(2)	6.18(1) / 5.72(2)	4.55(1) / 4.30(2)	5.44(1) / 5.10(2)	6.18 / 5.72
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) / 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)	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 / 3.22 / 2.44 / 3.15
EER					4.21(1) / 2.85(2)	3.65(1) / 2.51(2)				3.32(1) / 2.72(2)	2.96(1) / 2.47(2)	2.72(1) / 2.29(2)	3.32(1) / 2.72(2)	2.96(1) / 2.47(2)	2.72 / 2.29
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	132	126		128			130	127	128	130	127
			Seasonal space heating eff. class		A++										
Domestic hot water heating	General	Declared load profile			L		XL	L		XL					
	Average climate	ηwh (water heating efficiency)		%	103	98	108	90	99	84					
		Water heating energy efficiency class			A										

Indoor Unit				EHSXB	04P30B	08P30B	08P50B	08P30B	08P50B	16P50B	16P50B	16P50B	16P50B	16P50B	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					
		Water side	Min.~Max.	°C	15 ~55										
	Cooling	Ambient	Min.~Max.	°CDB	10~43										
		Water side	Min.~Max.	°C	5~22					-~-					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35										
		Water side	Min.~Max.	°C	25~55										
Sound power level	Nom.			dBA	40										
Sound pressure level	Nom.			dBA	28										

Outdoor Unit				ERLQ-C	004CV3	006CV3	006CV3	008CV3	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			kg	1.5	1.6				3.4					
	Charge			TCO2Eq	3.1	3.3				7.1					
	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		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) 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

R-410A

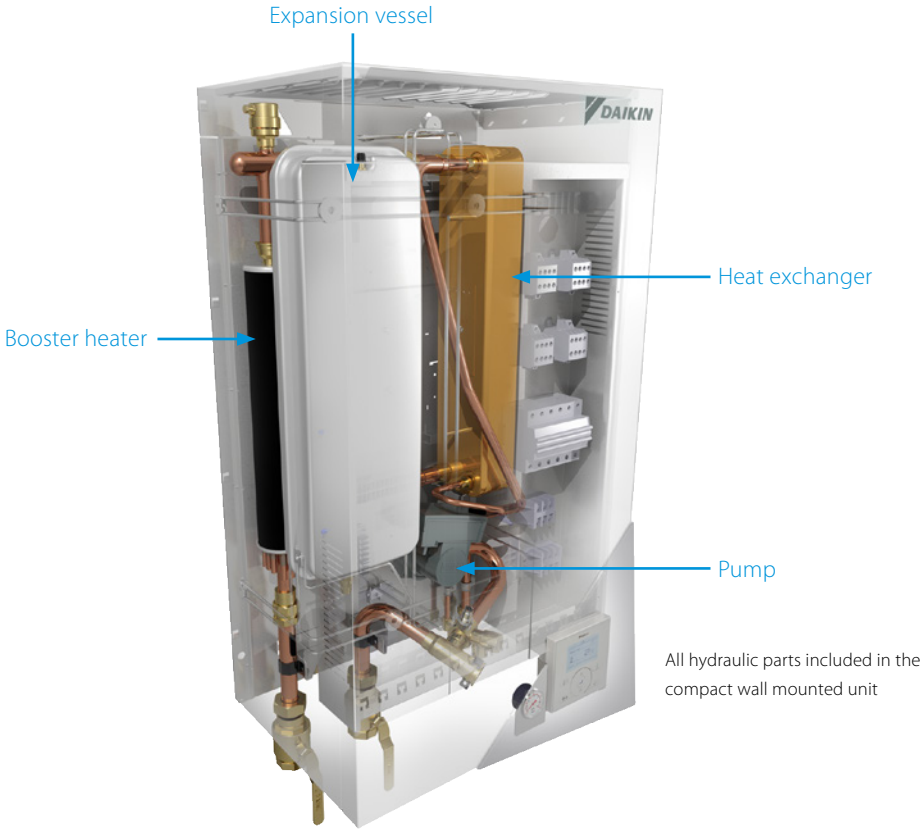


Daikin Altherma low temperature split wall mounted unit

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_2O 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.

Stainless steel tank

Wall mounted unit combined with ECH_2O thermal store

Daikin Altherma low temperature split wall mounted unit

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

- Wall mounted indoor unit
- 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)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHBH-CB

ERLQ004-008CV3

ERLQ011-016CV3

up to A++ | 55°C | R-410A

011-1W0068 → 78

Efficiency data				EHBH + ERLQ-C	04CB3V + 004CV3	08CB3V/9W + 006CV3	08CB9W/3V + 008CV3	11CB3V/B9W + 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	3.20	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126	125	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	08CB9W/3V	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	41.0	43.0	45.0	43.0	44.0	45.0	44.0	45.0	43.0	44.0	45.0	44.0	45.0
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0								
	Domestic hot water	Water side	Min.~Max.	°C	25~80								
Sound power level	Nom.			dBA	40.0			41.0	44.0		41.0	44.0	
Sound pressure level	Nom.			dBA	26.0			27.0	30.0		27.0	30.0	

Outdoor Unit				ERLQ-C	004CV3	006CV3	006CV3	008CV3	008CV3	011CV3	011CV3	014CV3	014CV3	016CV3	016CV3	011CW1	011CW1	014CW1	014CW1	016CW1	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			kg	1.5	1.6				3.4											
	Charge			TCO2Eq	3.1	3.3				7.1											
	GWP				2,087.5																
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				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 wall mounted unit

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

- Wall mounted indoor unit
- 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 -20°C
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHBH-CB

ERHQ011-016BW1

A+ 55°C R-410A

Efficiency data				EHBH + ERHQ-B	11CB3V + 011BV3	11CB9W + 011BV3	16CB3V + 014BV3	16CB9W + 014BV3	16CB3V + 016BV3	16CB9W + 016BV3	11CB3V + 011BW1	11CB9W + 011BW1	16CB3V + 014BW17	16CB9W + 014BW17	16CB3V + 016BW1	16CB9W + 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		2.86		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		111		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	11CB9W	16CB3V	16CB9W	16CB3V	16CB9W	11CB3V	11CB9W	16CB3V	16CB9W	16CB3V	16CB9W
Casing	Colour				White											
	Material				Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344											
Weight	Unit			kg	43.0	44.0		45.0	44.0	45.0	43.0	44.0		45.0	44.0	45.0
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0											
	Domestic hot water	Water side	Min.~Max.	°C	25~80											
Sound power level	Nom.			dBA	41.0		44.0				41.0		44.0			
Sound pressure level	Nom.			dBA	27.0		30.0				27.0		30.0			

Outdoor Unit				ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
	GWP				2,087.5					
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 wall mounted unit

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

- Wall mounted indoor unit
- 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)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

011-1W0068 → 78

up to A++

55°C

R-410A

Efficiency data				EHBX + ERLQ-C	04CB3V + 004CV3	08CB3V / 08CB9W + 006CV3	08CB3V / 08CB9W + 008CV3	11CB3V / 11CB9W + 011CV3	16CB3V / 16CB9W + 014CV3	16CB3V / 16CB9W + 016CV3	11CB3V / 11CB9W + 011CW1	16CB3V / 16CB9W + 014CW1	16CB3V / 16CB9W + 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	3.20	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126	125	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	42.0	44.0	45.0	44.0	45.0	43.0	45.0	44.0	46.0	44.0	46.0	43.0	45.0	43.0	45.0	43.0	45.0
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0								
	Cooling	Water side	Min.~Max.	°C	5.00 ~22.0								
	Domestic hot water	Water side	Min.~Max.	°C	25~80								
Sound power level	Nom.			dBA		40.0		41.0	44.0	44.0	41.0	41.0	41.0
Sound pressure level	Nom.			dBA		26.0		27.0	30.0	30.0	27.0	27.0	27.0

Outdoor Unit				ERLQ-C	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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
	GWP				2,087.5								
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		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 lowtemperature split wall mounted unit

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

- Wall mounted indoor unit
- 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 -20°C
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

EHBH-CB

ERHQ011-016BW1

Efficiency data				EHBX + ERHQ-B	11CB9W + 011BV3	11CB3V + 011BV3	16CB3V + 014BV3	16CB9W + 014BV3	16CB9W + 016BV3	16CB3V + 016BV3	11CB9W + 011BW1	11CB3V + 011BW1	16CB9W + 014BW17	16CB3V + 014BW17	16CB3V + 016BW1	16CB9W + 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		2.86		2.96	
			ηs (Seasonal space heating efficiency)	%	112		110		114		113		111		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				EHBX	11CB9W	11CB3V	16CB3V	16CB9W	16CB3V	11CB9W	11CB3V	16CB9W	16CB3V	16CB9W
Casing	Colour				White									
	Material				Precoated sheet metal									
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344									
Weight	Unit			kg	45.0	43.0	44.0	46.0	44.0	45.0	43.0	46.0	44.0	46.0
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0									
	Cooling	Water side	Min.~Max.	°C	5.00 ~22.0									
	Domestic hot water	Water side	Min.~Max.	°C	25~80									
Sound power level	Nom.			dBA	41.0		44.0			41.0		44.0		
Sound pressure level	Nom.			dBA	27.0		30.0			27.0		30.0		

Outdoor Unit				ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0		
	Charge			TCO2Eq	5.6			6.3		
	GWP				2,087.5					
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 wall mounted unit without back-up heater

Wall mounted **heating only** air to water heat pump without back-up heater

- Energy efficient heating only system without back-up heater
- 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
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)

011-1W0068 →78

A++ 55°C R-410A

Efficiency data				EHBH + ERLQ-C	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) / 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	3.20	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	125	126	125	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	04CBV	08CBV	08CBV	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV
Casing	Colour				White								
	Material				Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344								
Weight	Unit			kg	39.0	41.0			42.0		41.0	42.0	
Operation range	Heating	Water side	Min.~Max.	°C	10 ~55.0			10 ~55.0					
	Domestic hot water	Water side	Min.~Max.	°C	25~80								
Sound power level	Nom.			dBA	40.0			41.0	44.0		41.0	44.0	
Sound pressure level	Nom.			dBA	26.0			27.0	30.0		27.0	30.0	

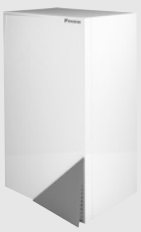
Outdoor Unit				ERLQ-C/ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307			1,345x900x320					
Weight	Unit			kg	54	56		113			114		
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor			Hermetically sealed scroll 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			kg	1.5	1.6		3.4					
	Charge			TCO2Eq	3.1	3.3		7.1					
	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		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 without back-up heater

Wall mounted **heating only** air to water heat pump without back-up heater

- Energy efficient heating only system without back-up heater
- 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
- Online controller (optional)
- Possible to connect to photovoltaïc solar panels to provide energy for your heat pump (optional)



EHBH-CBV

ERHQ011-016BW1

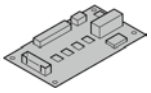
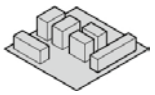
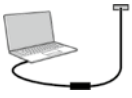
up to A+ | 55°C | R-410A

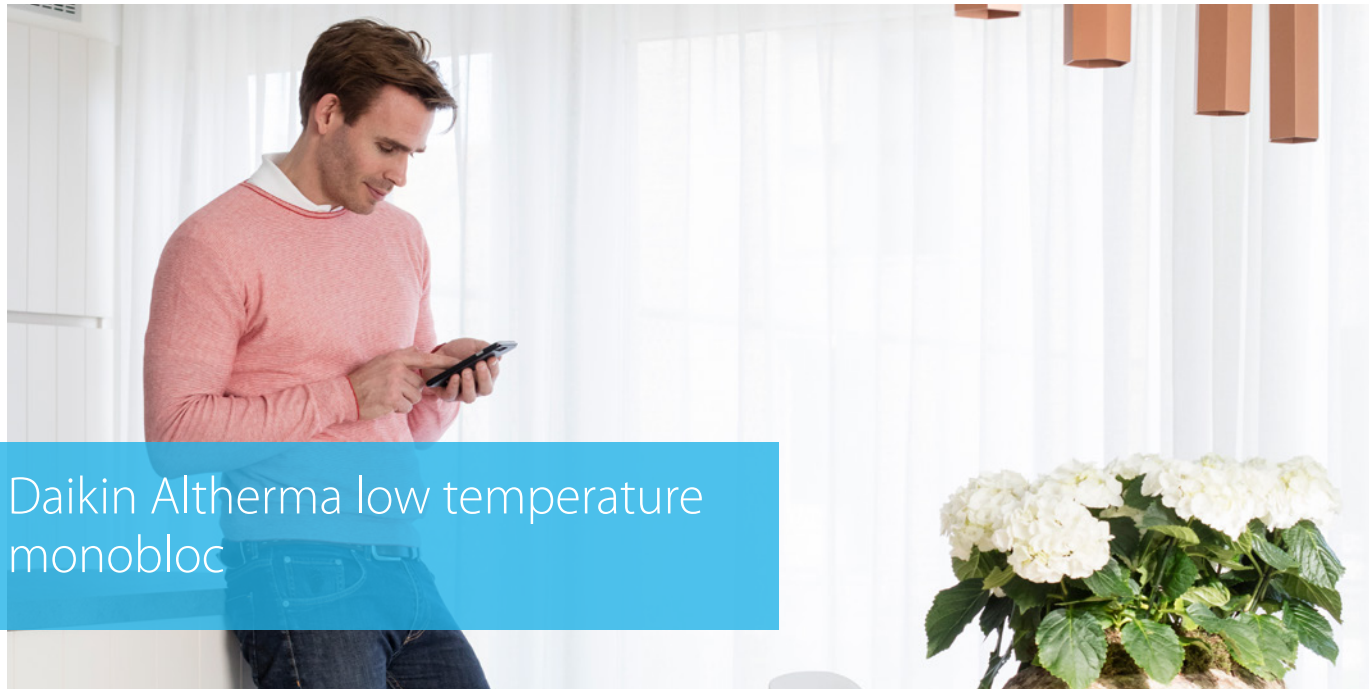
Efficiency data				EHBH + ERHQ-B	11CBV + 011BV3	16CBV + 014BV3	16CBV + 016BV3	11CBV + 011BW1	16CBV + 014BW17	16CBV + 016BW1
Heating capacity	Nom.			kW	11.2(1) / 10.3(2)	14.0(1) / 13.1(2)	16.0(1) / 15.2(2)	11.3(1) / 11.0(2)	14.5(1) / 13.6(2)	16.1(1) / 15.1(2)
Power input	Heating	Nom.		kW	2.55(1) / 3.17(2)	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	2.86	2.96
			ηs (Seasonal space heating efficiency)	%	112	110	114	113	111	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	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344					
Weight	Unit			kg	41.0	42.0		41.0	42.0	
Operation range	Heating	Water side	Min.~Max.	°C	10 ~55.0					
	Domestic hot water	Water side	Min.~Max.	°C	25~80					
Sound power level	Nom.			dBA	41.0	44.0		41.0	44.0	
Sound pressure level	Nom.			dBA	27.0	30.0		27.0	30.0	

Outdoor Unit				ERHQ/ERHQ	011BV3	014BV3	016BV3	011BW1	014BW17	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			kg	2.7			3.0	2.95	3.0
	Charge			TCO2Eq	5.6			6.3		
	Control				Expansion valve (electronic type)					
Sound power level	Heating		Nom.	dBA	64		66	64	60	66
	Cooling		Nom.	dBA	64	66	69	64	66	69
Sound pressure level	Heating		Nom.	dBA	49	51	53	51	50	52
	Cooling		Nom.	dBA	50	52	54	50	50	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

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		•	•
	Low sound cover for ERLQ-CV3	EKLN-A		•	



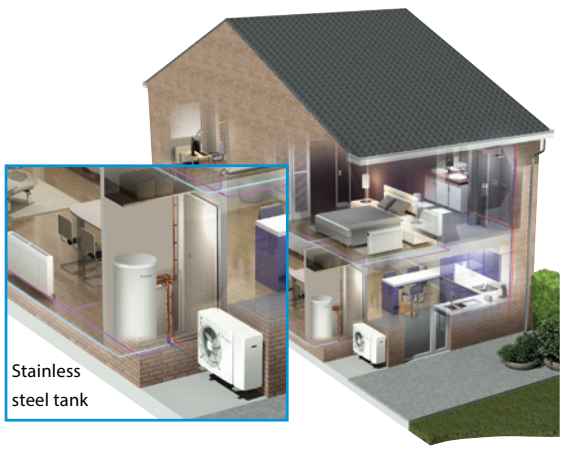
Daikin Altherma low temperature monobloc

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

A simple solution

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

- Quiet and space-saving design that's easy to commission and install
- All hydraulic components are combined into one outdoor unit
- Reliable operation is guaranteed, even with outdoor temperatures as low as -25°C
- Combine with an ECH$_2$O thermal store to provide thermal support
- Combine with a stainless steel tank for domestic hot water



High performance

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

Easy installation

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

Year-round reliability

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

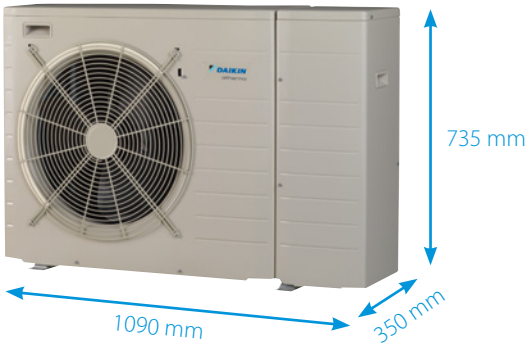
Easy connection

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

The 5-7 kW range of Daikin Altherma monobloc

A++ 55°C

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



The 11-16 kW range of Daikin Altherma monobloc

A++ 55°C

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

*-36% compared to current monobloc

Daikin Altherma low temperature monobloc

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

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

E(D/B)LQ-CV3

011-1W0079
011-1W0080

A++ 55°C R-410A

Single Unit					EBLQ/EDLQ	05CV3	07CV3	05CV3	07CV3
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%		125			
			SCOP			3.20	3.22	3.20	3.22
			Seasonal space heating eff. class			A++			
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%		172	163	172	163
			SCOP			4.39	4.14	4.39	4.14
			Seasonal space heating eff. class			A++			
Heating capacity	Nom.				kW	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)
Cooling capacity	Nom.				kW	3.88(1) / 3.99(2)	5.20(1) / 5.15(2)	-	
Power input	Cooling	Nom.			kW	0.950(1) / 1.93(2)	1.37(1) / 2.69(2)	-	
	Heating	Nom.			kW	0.880(1) / 1.13(2)	1.55(1) / 2.45(2)	0.880(1) / 1.13(2)	1.55(1) / 2.02(2)
COP						5.00(1) / 3.58(2)	4.52(1) / 3.42(2)	5.00(1) / 3.58(2)	4.52(1) / 3.42(2)
EER						4.07(1) / 2.07(2)	3.80(1) / 2.10(2)	-	
Dimensions	Unit	HeightxWidthxDepth			mm	735x1,090x350			
Weight	Unit				kg	76.0	80.0	76.0	80.0
Operation range	Heating	Water side	Min.~Max.		°C	15 ~55.0			
	Cooling	Ambient	Min.~Max.		°CDB	10.0~43.0		-~-	
		Water side	Min.~Max.		°C	5.00 ~22.0		-~-	
	Domestic hot water	Ambient	Min.~Max.		°CDB	-25.0 ~35.0			
		Water side	Min.~Max.		°C	25~80		25~80	
Refrigerant	Type					R-410A			
	GWP					2,088			
	Charge				kg	1.30	1.45	1.30	1.45
	Charge				TCO2Eq	2.714	3.027	2.714	3.027
	Control					Expansion valve (electronic type)			
Sound power level	Heating	Nom.			dBA	61	62	61	62
	Cooling	Nom.			dBA	63.0		-	
Sound pressure level	Heating	Nom.			dBA	48	49	48	49
	Cooling	Nom.			dBA	48	50	-	

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

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

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

Daikin Altherma low temperature monobloc without back-up heater

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

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

E(D-B)LQ011-016CV3

011-1W0259 → 261

A++ | 55°C | R-410A

Single Unit				EBLQ/EDLQ	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Space heating	Average climate water outlet 55°C	General		ηs (Seasonal space heating efficiency)	120	123	119	120	123	119
				SCOP	3.09	3.16	3.06	3.09	3.16	3.06
				Seasonal space heating eff. class	A+					
	Average climate water outlet 35°C	General		ηs (Seasonal space heating efficiency)	156	153	149	156	153	149
				SCOP	3.98	3.90	3.80	3.98	3.90	3.80
				Seasonal space heating eff. class	A++		A+	A++		A+
Heating capacity	Nom.			kW	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Cooling capacity (only applicable to EBLQ)	Nom.			kW	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)
Power input	Cooling	Nom.		kW	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)
	Heating	Nom.		kW	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)	4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)
EER (only applicable to EBLQ)					3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)	3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)
SEER (only applicable to EBLQ)					3.85	3.89	3.90	3.85	3.89	3.90
Dimensions	Unit	HeightxWidthxDepth		mm	1,348x1,160x380					
Weight	Unit			kg	151			154		
Operation range (3)	Heating	Ambient	Min.~Max.	°CWB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Operation range (3) (only applicable to EBLQ)	Cooling	Ambient	Min.~Max.	°CDB	10~46					
		Water side	Min.~Max.	°C	5~22					
Operation range (3)	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-410A					
	GWP				2087.5					
	Charge			kg	3.40					
	Charge			TCO2Eq	7.10					
	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	51		52	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54

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

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

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

Daikin Altherma low temperature monobloc with integrated back-up heater

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

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

E(D-B)LQ011-016C3V3

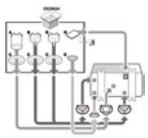
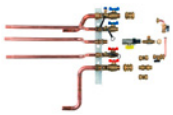
011-1W0259 → 261

A++ 55°C R-410A

Single Unit				EBLQ/EDLQ	011C3V3	014C3V3	016C3V3	011C3W1	014C3W1	016C3W1
Space heating	Average climate water outlet 55°C	General		ηs (Seasonal space heating efficiency)	120	123	119	120	123	119
				SCOP	3.09	3.16	3.06	3.09	3.16	3.06
				Seasonal space heating eff. class	A+					
	Average climate water outlet 35°C	General		ηs (Seasonal space heating efficiency)	156	153	149	156	153	149
				SCOP	3.98	3.90	3.80	3.98	3.90	3.80
				Seasonal space heating eff. class	A++		A+	A++		A+
Heating capacity	Nom.			kW	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Cooling capacity (only applicable to EBLQ)	Nom.			kW	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)	12.4 (1) / 11.6 (2)	12.8 (1) / 12.6 (2)	13.9 (1) / 13.6 (2)
Power input	Cooling	Nom.		kW	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)	3.18 (1) / 5.09 (2)	3.16 (1) / 5.14 (2)	3.56 (1) / 5.96 (2)
	Heating	Nom.		kW	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
COP					4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)	4.61 (1) / 3.55 (2)	4.30 (1) / 3.32 (2)	4.26 (1) / 3.26 (2)
EER (only applicable to EBLQ)					3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)	3.90 (1) / 2.28 (2)	4.05 (1) / 2.45 (2)	3.90 (1) / 2.28 (2)
SEER (only applicable to EBLQ)					3.85	3.89	3.90	3.85	3.89	3.90
Dimensions	Unit	HeightxWidthxDepth		mm	1,348x1,160x380					
Weight	Unit			kg	157			160		
Operation range (3)	Heating	Ambient	Min.~Max.	°CWB	-25~35					
		Water side	Min.~Max.	°C	25~55					
Operation range (3) (only applicable to EBLQ)	Cooling	Ambient	Min.~Max.	°CDB	10~46					
		Water side	Min.~Max.	°C	5~22					
Operation range (3)	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35					
		Water side	Min.~Max.	°C	25~80					
Refrigerant	Type				R-410A					
	GWP				2087.5					
	Charge			kg	3.40					
	Charge			TCO2Eq	7.10					
	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	51		52	51		52
	Cooling	Nom.		dBA	50	52	54	50	52	54

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

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

	Type	Material name	Daikin Altherma LT monobloc			Illustration
			5-7 kW	11-16 kW BUH-less	11-16 kW with 3V BUH	
Controls	LAN adapter	BRP069A62	•	•	•	
	LAN adapter + PV solar connection	BRP069A61	•	•	•	
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1	•	•	•	
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3	•	•	•	
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2	•	•	•	
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4	•	•	•	
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5	•	•	•	
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6	•	•	•	
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7	•	•	•	
	Simplified user interface	EKRUCBSB	•			
	Room thermostat (wired)	EKRTWA	•	•	•	
	Room thermostat (wireless)	EKRTR1	•	•	•	
Adapter	Digital I/O PCB	EKRP1HBAA		•		
Back-up heater	Back-up heater monobloc	EKMBUHC3V3/C9W1	•	•		
	Bottom plate heater	EKBPHTH16A		•		
Drain	Drain kit	EKDK04		•		
Sensor	Remote sensor for OU	EKRSCA1	•	•	•	
	External sensor	EKRTETS	•	•	•	
	Remote sensor for IU	KRCS01-1	•	•	•	
Wiring centre	Control box	EKCB07CAV3	•	•	•	
	Option box	EK2CB07CAV3	•	•	•	
By pass	Valve kit	EKMBHBP1	•	•	•	
Bizone	Bizone kit	BZKA7V3	•	•	•	
Others	Cable	EKPCCAB3	•			

R-410A

Daikin Altherma

high temperature

Why choose a Daikin Altherma high temperature split

The Daikin Altherma high temperature split is the perfect heating solution to upgrade an old heating and hot water system to achieve more cost savings and energy efficiency, without replacing the existing piping and radiators

Comfort

Best for renovation projects

Air-to-water high temperature heat pumps are ideal for renovations and replacing old boilers. Daikin Altherma high temperature split's compact design requires minimal installation space and integrates seamlessly with your existing piping and radiators. Minimal installation ensures you can enjoy the energy efficiency of a heat pump without having to replace your entire system.

- Easy replacement: reuse existing piping/radiators
- Reduced installation time
- Limited installation space needed as the indoor unit and domestic hot water tank can be stacked together
- 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

Whether your customer wants only domestic hot water or the advantage of solar energy, Daikin offers a wide range of options, including:

Stainless steel domestic hot water tank

The domestic hot water tank can be stacked on top of the indoor unit to save space, or installed next to each other if space is available.

- Available in 200 or 250 litres
- Efficient temperature heating: from 10°C – 50°C in only 60 minutes*

*Test completed with a 16 kW outdoor unit at ambient temperature of 7°C for a 200 litre tank

Non-stacked

Stacked

ECH$_2$O thermal store: hot water savings with solar energy

Combine the Daikin Altherma heat pump with a thermal store to reduce energy costs by taking advantage of the sun's renewable energy. Built for small and large homes, customers can choose from a pressureless or pressurised hot water system.

Energy efficiency

Powered by renewable energy

Powered by **65% renewable energy** extracted from the air and 35% electricity, our Daikin Altherma high temperature heat pump provides heating and hot water with A+ energy efficiency.

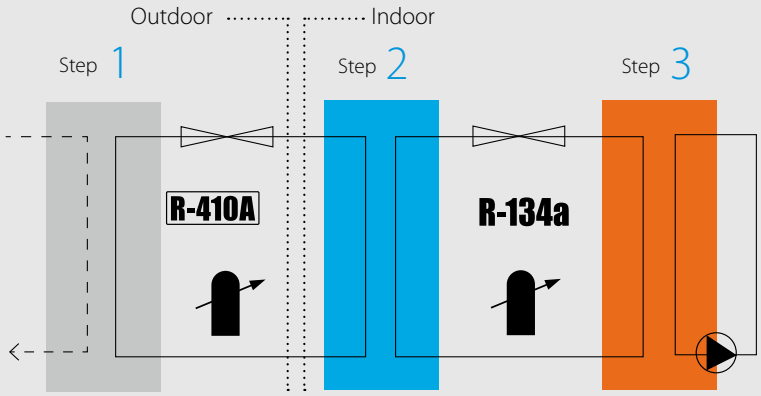
Reliability

The Daikin Altherma high temperature split optimises its technology to deliver reliable year-round comfort, even in the most extreme climates.

› 11-15 kW capacities
› Low running costs and optimum comfort at even the coldest outdoor temperatures, thanks to the unique cascade compressor approach
› Works with existing high temperature radiators up to 80°C without an additional backup heater

Cascade technology

High performance heating in 3 steps to achieve 80°C water temperature without using an additional backup heater



1 **The outdoor unit** extracts heat from the ambient outdoor air. This heat is transferred to the indoor unit via R-410A refrigerant

2 The **indoor unit** increases the temperature with R-134a refrigerant

3 The **refrigerant circuit** transfers the heat to the water in the system

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 phase floor standing indoor unit up to 16kW
- 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 CO_2 emissions
- Inverter controlled scroll compressor

011-1W0256 → 258

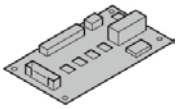
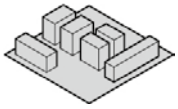
up to B 55°C R-410A

Efficiency data					EKHBRD + ERRQ/ERSQ	011ADV17 + ERRQ011AV1	011ADV17 + ERSQ011AV1	014ADV17 + ERRQ014AV1	014ADV17 + ERSQ014AV1	016ADV17 + ER(R/S)Q016AV1	011ADY17 + ERRQ011AY1	011ADY17 + ERSQ011AY1	014ADY17 + ERRQ014AY1	014ADY17 + ERSQ014AY1	016ADY17 + ER(R/S)Q016AY1
Heating capacity	Nom.			kW		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)	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	Nom.		kW		3.80 (1) / 4.40 (2) / 2.67 (3)	3.87 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.09 (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)	3.87 (1) / 4.40 (2) / 2.67 (3)	5.02 (1) / 5.65 (2) / 3.87 (3)	5.09 (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)	2.92 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.85 (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)	2.92 (1) / 2.50 (2) / 4.20 (3)	2.89 (1) / 2.48 (2) / 3.72 (3)	2.85 (1) / 2.48 (2) / 3.72 (3)	2.73 (1) / 2.41 (2) / 3.72 (3)
Space heating	Average climate water outlet 55°C	General	SCOP			2.96		2.98		3.01	2.96		2.98		3.01
			ηs (Seasonal space heating efficiency)	%		115		116		117	115		116		117
			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
			ηs (Seasonal space heating efficiency)	%		105		110		112	105		110		112
			Seasonal space heating eff. class			C		B			C		B		

Indoor Unit					EKHBRD	011ADV17	014ADV17	016ADV17	011ADY17	014ADY17	016ADY17
Casing	Colour					Metallic grey					
	Material					Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth		mm		705x600x695					
Weight	Unit			kg		144			147		
Operation range	Heating	Ambient	Min.~Max.	°C		-20.0 / 0.00 ~20					
		Water side	Min.~Max.	°C		25~80.0					
	Domestic hot water	Ambient	Min.~Max.	°CDB		-20.0 ~35.0					
		Water side	Min.~Max.	°C		25~80					
Refrigerant	Type					R-134a					
	Charge			kg		2.60					
Sound pressure level	Nom.			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 / 0.00 / 0.00	43.0 / 0.00 / 0.00	45.0 / 0.00 / 0.00	40.0 / 0.00 / 0.00	43.0 / 0.00 / 0.00	45.0 / 0.00 / 0.00

Outdoor Unit					ERRQ-011AV1	ERSQ-011AV1	ERRQ-014AV1	ERSQ-014AV1	ERRQ/ERSQ 016AV1	ERRQ-011AY1	ERSQ-011AY1	ERRQ-014AY1	ERSQ-014AY1	ERRQ/ERSQ 016AY1
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320									
Weight	Unit			kg	120									
Compressor	Quantity				1									
	Type				Hermetically sealed scroll compressor									
Operation range	Heating	Min.~Max.		°CWB	-20~20									
	Domestic hot water	Min.~Max.		°CDB	-20~35									
Refrigerant	Type				R-410A									
	GWP				2,087.5									
	Charge			kg	4.5									
	Charge			TCO2Eq	9.4									
	Control				Expansion valve (electronic type)									
Sound power level	Heating	Nom.		dBA	68		69		71	68		69		71
Sound pressure level	Heating	Nom.		dBA	52		53		55	52		53		55
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V1/1~/50/220-440					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 | Contains fluorinated greenhouse gases

	Type	Material name
Controls	Remote user interface	EKRUAHTB
	Room thermostat (wired)	EKRTWA 
	Room thermostat (wireless)	EKRTR1 
	Standard protocol interface for HT and Flex Type	RTD-W
	Centralised controller kit	EKCC-W
Adapter	Demand PCB	EKRP1AHTA 
	Digital I/O PCB	EKRP1HBAA 
Back-up heater	Back-up heater for HT 1~	EKBUHAA6V3
	Back-up heater for HT 3~	EKBUHAA6W1
	Bottom plate heater	EKBPHTH16A
Installation	UK tank kit	EKUHWHTA
	Stand alone kit	EKFMAHTB
Sensor	External sensor	EKRTETS
Valve	Refrigerant stop valves	EKRSVHTA
Others	Compatibility kit 1	EKMKHT1A
	Compatibility kit 2	EKMKHT2A

Monobloc
domestic hot water heat pump

Why choose a monobloc domestic hot water heat pump ?

The high performance monobloc domestic hot water heat pump is the newest addition to the Daikin water heater range. Enhanced hot water comfort with quiet operation, easy handling, flexibility of installation and different integration possibilities. Perfect for renovation and new build.

High performance

- Delivering high comfort hot water of temperatures up to 55 °C with the heat pump only
- Among the most quiet with 53 dBA sound power and 36 dBA at 2meters
- High tapping rate L, XL for guaranteeing maximum domestic hot water flow
- A+ seasonal energy efficiency

Easy to install and control

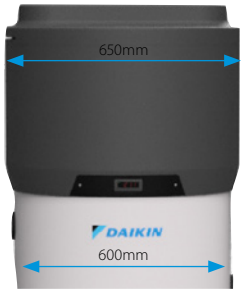
- All components are built-in and ready to work
- Compact sizes and low weight, which make it easily manoeuvrable through small doors and spaces
- Easy connection, from top of the unit, maximizes placing possibilities
- 3 easy operating modes, Eco – Auto – Boost, for your personal preferences

Renewable power

- Produces domestic hot water by extracting energy from the outside air
- For the 260liter an extra coil possibility exists for solar water heating
- The monobloc can be standard connected to a PV installation severely minimizing running costs

Year-round reliability

- Total thermal power up to 3.4 kW ensures optimal hot water comfort
- Wide operation range: down to -7 °C outside temperature with the heat pump unit, and below -7°C with electrical heating element support
- Guaranteed optimal comfort by heat pump up to 38 °C outside temperature



Height:
200L 1714 mm
260L 2004 mm

53 dB(A)
Sound level

Domestic hot water heat pump

Enhanced hot water comfort

- Quiet operation: with 36dBA at 2m, one of the most silent products in its kind
- Easy handling: thanks to its compact size, it can easily pass through the doorway
- Enhanced comfort: the 3 operating modes will give an answer to all your needs
- Solar connectivity: empower your house with renewable energy
- Wide operation range: down to -7 °C outside temperature with the heat pump, below -7 °C electrical heating element support

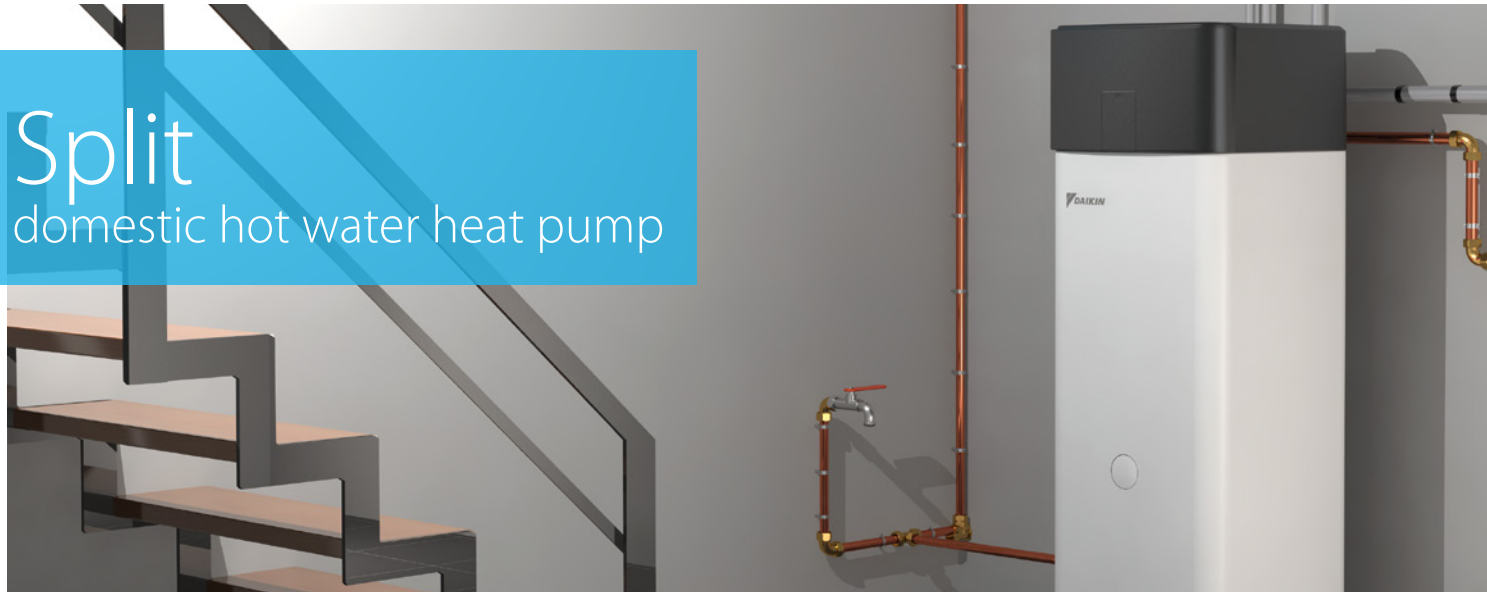
EKHH2E-AV3

011-1W0215 → 217

A+ 56°C

Indoor unit				EKHH2E	2E200AV3(3)	2E260AV3(3)	2E260PAV3(3)
Heat up time	Max.			hh:mm	08:17:00 (3) / 06:30:44 (4)	10:14:00 (3) / 07:56:46 (4)	10:14:00 (3) / 07:46:46 (4)
COP					2.94 (1) / 3.30 (2)	3.10 (1) / 3.60 (2)	
Domestic hot water	Output	Nom		kW	1.8		
Equivalent hot water	Max			l	275	342	
Dimensions	Unit	Height		mm	1,714	2,004	
		Diameter		mm	650		
Weight	Unit	Empty		kg	83	95	112
		Full		kg	282	349	358
	Packed unit			kg	100	120	140
Installation place					Indoor		
IP class					IP-X4		
Compressor	Type				Rotary non-inverter		
Refrigerant	Type				R-134a		
	GWP				1,430.0		
	Charge			TCO2Eq	1.287		
	Charge			kg	0.900		
Heat pump	Casing	Colour			White body / Black top		
		Material			Cover: EPP top finishing		
	Defrost method				Active with hot gas valve		
	Automatic defrost start			°C	-2		
	System pressure	Max.		bar	7		
	Operation range	Ambient	Min.	°CDB	-7		
			Max.	°CDB	38		
Tank	Integrated heating element power	Nom.		kW	1.5		
	Casing	Colour			White		
		Material			Embossed ABS		
	Dimensions	Unit	Height	mm	1,210	1,500	
	Operation range	Water side	Min.	°C	10		
			Max.	°C	56		
	Installation	Solar thermal connection possible			-		1
	Standing heat loss			W	60	70	71
Domestic hot water heating	General	Declared load profile			L	XL	
		Water heating energy efficiency class			A+		
		Thermostat temperature setting		°C	55		
	Average climate	AEC (Annual electricity consumption)		kWh	835	1,323	
		ŋ wh (water heating efficiency)		%	123	127	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,091	1,826	
		ŋ wh (water heating efficiency)		%	94	92	
	Warm climate	AEC (Annual electricity consumption)		kWh	756	1,296	
		ŋ wh (water heating efficiency)		%	135	129	
Sound power level	Domestic hot water heating	Indoor unit		dBA	53		
Heat pump	Power supply	Phase			1P		
		Frequency		Hz	50		
		Voltage		V	230		
		Maximum running current		A	2.4		
Tank	Power supply	Phase			1P		
		Frequency		Hz	50		
		Voltage		V	230		

(1) Temperature of incoming air supply = 7°C, temperature of boiler storage environment = 20°C, water heated from 10°C to 55°C (according to UNI EN 16147-2011).
(2) Temperature of incoming air supply = 15°C, temperature of boiler storage environment = 20°C, water heated from 10°C to 55°C (according to UNI EN 1614 7-2011).
(3) Indoor temperature : 29°CDB, 19°CWB; outdoor temperature : 46°CDB, 24°CWB
(4) Indoor temperature : 27°CDB, 19°CWB; outdoor temperature : 35°CDB, 24°CWB



Split
domestic hot water heat pump

Why choose a split domestic hot water heat pump ?

The split domestic hot water heat pump is the ideal replacement for an electric domestic hot water tank to provide semi-instantaneous hot water.

Comfort

Fresh water principle:
› Domestic hot water production on demand means fresh water at all times
› Minimum volume of stored domestic hot water prevents the risk of contamination and sedimentation

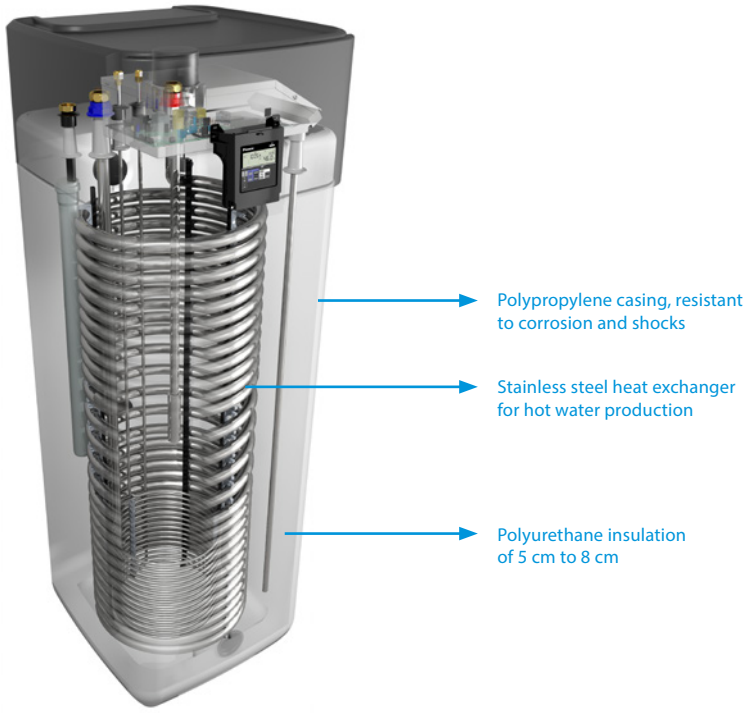
Easy installation
› No water tank pressure and limited pressure in the heat exchanger
› Low maintenance: no anode means no scale and lime deposits or corrosion
› Compact and designed with additional controls for easy installation and maintenance

Reliability

› Electrical backup (2.5 kW) ensures hot water under all circumstances; the 500l tank can also be equipped with an external hydraulic backup
› The ECH_2O thermal store is engineered to provide you with fresh, healthy and safe hot water
› By just using the heat pump, the temperature of the water can reach up to 55°C and its production is guaranteed down to -15°C

Energy efficiency

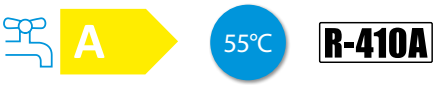
› Heat pump extracts renewable energy from the outside air to produce hot water
› Increase energy saving and efficiency by connecting the unit to solar panels



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 photovoltaïc 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	ηwh (water heating efficiency)	%	119	123
		Water heating energy efficiency class		A	
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	
Operation range	Domestic hot water	Ambient	Min.~Max.	°CDB	2~35	
		Water side	Min.~Max.	°C	5~55	
Refrigerant	Type				R-410A	

Outdoor Unit				ERWQ	02AV3	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			kg	1.05	
	Charge			TCO2Eq	2.2	
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

R-410A

Daikin Altherma

HT Flex Type

Why choose a Daikin Altherma HT Flex Type

Daikin Altherma HT Flex Type is ideal for large requirements of domestic hot water like apartment buildings or commercial spaces.

Comfort

Domestic hot water

› Equipped with air-to-water heat pump technology
› Best system to meet high demands for hot water
› Using renewable energy from the heat pump, the system can heat the hot water tank up to 75°C without using an electric heater

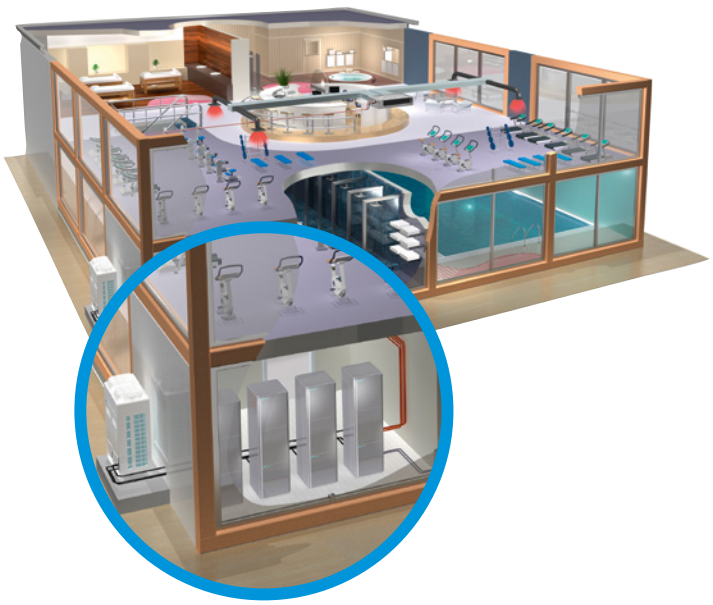
Energy efficiency

› High energy efficiency achieves high sustainability and low operation costs
› Inverter compressor continuously adjusts the compressor speed to meet actual demand. Fewer power-consuming starts and stops result in decreased energy consumption (up to 30%) and more stable temperatures

Reliability

Modular system

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



EMRQ-AB + EKHBRD-ADV17/Y17

Daikin Altherma High Temperature Flex Type

› Low energy bills and low CO2 emissions
› Easy installation and maintenance
› Customised to meet your building's needs: up to 10 indoor units can be connected to 1 outdoor unit

EMRQ-AB

EKHBRD-ADV17/Y17

A | 80°C | R-410A

Outdoor Unit					EMRQ	8AB	10AB	12AB	14AB	16AB
Heating capacity	Nom.				kW	22.4 (1)	28 (1)	33.6 (1)	39.2 (1)	44.8 (1)
Seasonal efficiency	Domestic hot water heating	General	Declared load profile			XL				
		Average climate	ηwh (water heating efficiency)		%	93			83.7	93
			Water heating energy efficiency class			A				
Casing	Colour					Daikin White				
	Material					Painted galvanized steel plate				
Dimensions	Unit	HeightxWidthxDepth			mm	1,680x1,300x765				
Weight	Unit				kg	331			339	
Operation range	Domestic hot water	Ambient	Min.~Max.		°CDB	-20~35				
Refrigerant	Type					R-410A				
	GWP					2,087.5				
	Charge				kg	10.3	10.6	10.8	11.1	
					TCO_2eq	21.5	22.1	22.5	23.2	
Piping connections	Liquid	OD			mm	9.52		12.7		
	Suction	OD			mm	19.1	22.2	28.6		
	High and low pressure gas	OD			mm	15.9	19.1	22.2		
	Piping length	OU - IU	Max.		m	100				
		System	Equivalent		m	120				
	Total piping length	System	Actual		m	300				
Sound power level	Heating	Nom.			dBA	78		80	83	84
Sound pressure level	Heating	Nom.			dBA	58		60	62	63
Power supply	Phase/Voltage				V	3~/380-415				
Current	Recommended fuses				A	20	25		40	

(1) Condition: Ta=7°CDB/6°CWB, 100% connection ratio
(2) Contains fluorinated greenhouse gases

Indoor Unit					EKHBRD	011ADV17	014ADV17	016ADV17	011ADY17	014ADY17	016ADY17
Casing	Colour					Metallic grey					
	Material					Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth			mm	705x600x695					
Weight	Unit				kg	144			147		
Operation range	Domestic hot water	Ambient	Min.~Max.		°CDB	-20.0~35.0					
		Water side	Min.~Max.		°C	25~80					
Refrigerant	Type					R-134a					
	Charge				kg	2.60					
					TCO_2eq	3.718					
	GWP					1,430					
Sound pressure level	Nom.				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	45 / 0 / 0

Options

	Type	Material name	EMRQ-AB
Drain	Central drain pan kit	KWC25C450	•
Refnet	Refnet header	KHRQ(M)22M29H8	•
	Refnet header	KHRQ(M)22M64H8	•
	Refnet joint	KHRQ(M)22M20T8	•
	Refnet joint	KHRQ(M)22M29T8	•
	Refnet joint	KHRQ(M)22M64T8	•

R-410A

Daikin Altherma

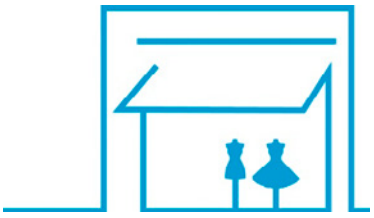
high capacity range

With the expanded Daikin Altherma high capacity range we now offer the ideal solutions for all high demanding systems. Ideal for collective housing, hotels, swimming pools which require high comfort and high reliability.

Why choose a Daikin Altherma LT high capacity ?

Strong and reliable

› Equipped with air-to-water heat pump technology to extract the outdoor air for energy
› COP possible up to 3.07/A+ at Ta DB/WB 7/6*C - LWC 45*C
› Reversible, enhanced cooling capacity
› External control possible



Collective/commercial advantage

› Cascade heating capacity up to 62,7 kW
› Cascade cooling up to 63,3 kW
› VRV technology ensures high efficiencies and reliable working
› Compact model for easy installation and fit for smaller spaces

Daikin Altherma low temperature high capacity

- Hydronic module for indoor installation eliminating the need for glycol
- Ideal for colder climates as the lack of glycol will allow for high efficiency
- Compact dimensions and limited pipework allow fir installation in very restricted spaces
- Easy transportation as separate units will fit in an elevator

SEHVX-BAW SERHQ-BAW1

BRC21A53/54 (Optional)

up to A++ 50°C R-410A

Heating & Cooling					SEHVX20BAW/ SERHQ020BAW1	SEHVX32BAW/ SERHQ032BAW1	SEHVX40BAW/ SERHQ020BAW1+SERHQ020BAW1	SEHVX64BAW/ SERHQ032BAW1+SERHQ032BAW1
Cooling capacity	Nom.			kW	21.2 (1)	31.8 (1)	42.3 (1)	63.3 (1)
Heating capacity	Nom.			kW	20.8 (2)	31.2 (2)	41.7 (2)	62.7 (2)
Power input	Cooling	Nom.		kW	7.47 (1)	12.7 (1)	15.1 (1)	25.5 (1)
	Heating	Nom.		kW	6.76 (2)	10.6 (2)	13.7 (2)	21.4 (2)
EER					2.84	2.5	2.8	2.48
COP					3.07	2.93	3.03	2.93
Space heating	Average climate water outlet 35°C	General	SCOP		3.93	3.53	3.80	3.53
			ηs (Seasonal space heating efficiency)	%	154	138	149	138
			Seasonal space heating eff. class		A++	A+		

Unit for indoor installation					SEHVX20BAW	SEHVX32BAW	SEHVX40BAW	SEHVX64BAW
Dimensions	Unit	Height		mm	1,573			
		Width		mm	766			
		Depth		mm	396			
Weight	Unit			kg	97.0	105	137	153
	Packed unit			kg	109	117	149	165
Water side Heat exchanger	Type				Brazed plate			
	Water volume			l	3	5	6	9
	Water flow rate	Cooling	Nom.	l/min	60 (3)	90 (3)	120 (3)	181 (3)
		Heating	Nom.	l/min	60 (2)	90 (2)	120 (2)	181 (2)
Sound power level	Nom.			dBA	63		66	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~43			
		Water side	Min.~Max.	°CDB	5 (4)~20			
	Heating	Ambient	Min.~Max.	°CDB	-15~35			
		Water side	Min.~Max.	°CDB	25~50			
Refrigerant	Type / GWP				R-410A / 2,087.5			
	Circuits	Quantity			1		2	
	Control				Electronic expansion valve			
Water circuit	Piping connections diameter			inch	1-1/4" (female)		2" (female)	
	Piping			inch	1-1/4"		1-1/2"	
	Water pressure drop	Cooling	Nom.	kPa	17 (7)	24 (7)	19 (7)	29 (7)
	Total water volume			l	4.2 (8)	5.8 (8)	7.9 (8)	11.0 (8)
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400			

Outdoor Unit					SERHQ020BAW1	SERHQ032BAW1
Dimensions	Unit	Height		mm	1,680	
		Width		mm	765	
		Depth		mm	930	1,240
Weight	Unit			kg	240	316
	Packed unit			kg	273	356
Compressor	Quantity				2	3
	Type				Hermetically sealed scroll compressor	
Fan	Type				Axial	
	Quantity				1	2
	Air flow rate	Cooling	Nom.	m^3/min	185	233
		Heating	Nom.	m^3/min	185	233

(1) Cooling: entering evaporator water temp. 12°C; leaving evaporator water temp. 7°C; ambient air temp. 35°C (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C) (3) Condition: Ta 35°C - LWE 7°C (DT = 5°C) (4) Water can be used above 5°C. Between 0°C and 5°C a 30% glycol solution (propylene or ethylene) has to be used. Between 0°C and -10°C a 40% glycol solution (propylene or ethylene) has to be used (see installation manual and information related to OPZL option) (5) Excluding water volume in the unit. In most applications this minimum water volume will have a satisfying result. In critical processes or in rooms with a high heat load though, extra water volume might be required. Refer to operation range for more info. (6) Excluding the water volume in the unit. This volume will guarantee sufficient defrost energy for all applications, however, this volume can be multiplied by 0,66 if the heating sepoint is ≥ 45° C (eg. Fan coils) (7) This is PD between inlet & outlet connections of unit. It includes the water side heat exchanger pressure drop. (8) Including piping + PHE; excluding expansion vessel

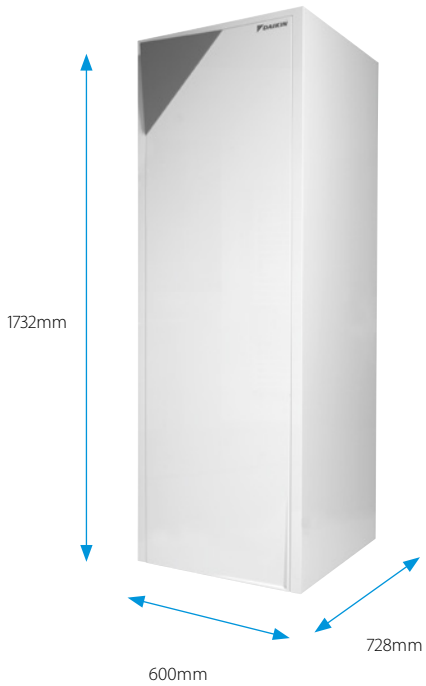
R-410A

Daikin Altherma

ground source heat pump

Why choose a Daikin Altherma ground source heat pump

The Daikin Altherma ground source heat pump uses stable geothermal energy and Daikin's inverter heat pump technology to deliver heating and hot water in all climates.



Comfort

Simple solution for installers

Quick and easy installation

› Full integration of the heat pump module and factory-fitted domestic hot water tank reduces installation time
› Pipework connections are placed on the top of the unit for accessibility
› Lightweight unit is easy to transport and install

Compact design

› No larger than an average household appliance, the unit's sleek design fits neatly in any standard room
› Requires only 10 mm of side clearance

Energy efficiency

Powered by **80% renewable energy** extracted from the ground and 20% electricity, our Daikin Altherma ground source heat pump provides heating and hot water with **A++ energy efficiency**.

Equipped with our signature inverter technology

Our Daikin inverter efficiently controls the unit's motor speed and reduces energy consumption by up to 30%. Rather than expending additional energy by starting and stopping, the inverter adjusts the speed of the motor so that it runs continuously and more efficiently in the long run.

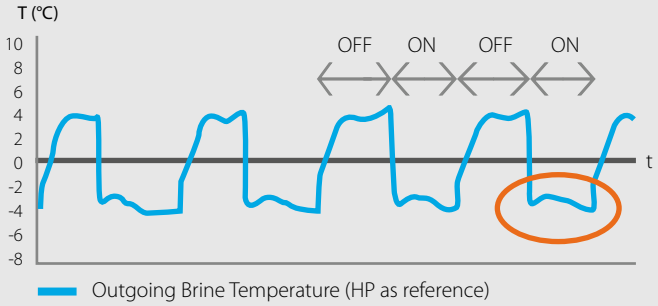
› Increases brine temperatures during partial load operation
› Reduces backup heater operation to a minimum
› Reaches high operating efficiencies during partial load operation

Case study

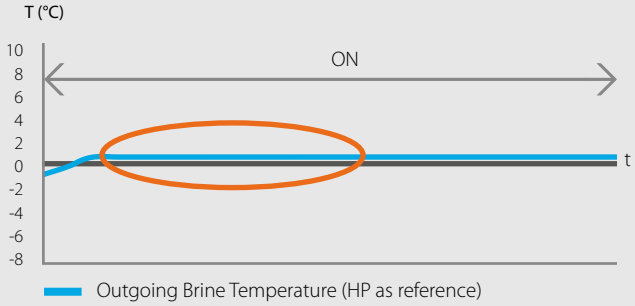
Typical application:

- Location: Sweden
- Design temperature: -17°C
- Heat load: 13kW
- Heating off temperature: 16°C

Operation ON/OFF unit
Partial load condition - ON/OFF



Operation Daikin unit
Partial load condition - Inverter controlled



Reliability

For new homes and large-scale renovations

By extracting energy from below the Earth's surface, ground source heat pumps are extremely reliable, even in the coldest climates. Ground temperatures remain fairly stable throughout the year, making it an ideal renewable energy source.

Reliable climate control

Ground source heat pumps horizontally and vertically extract renewable energy from the heat in the ground. The installation requires land area, but significantly reduces your carbon footprint and helps you save on energy costs in the long run.

Horizontal probe

Vertical probe

Case study

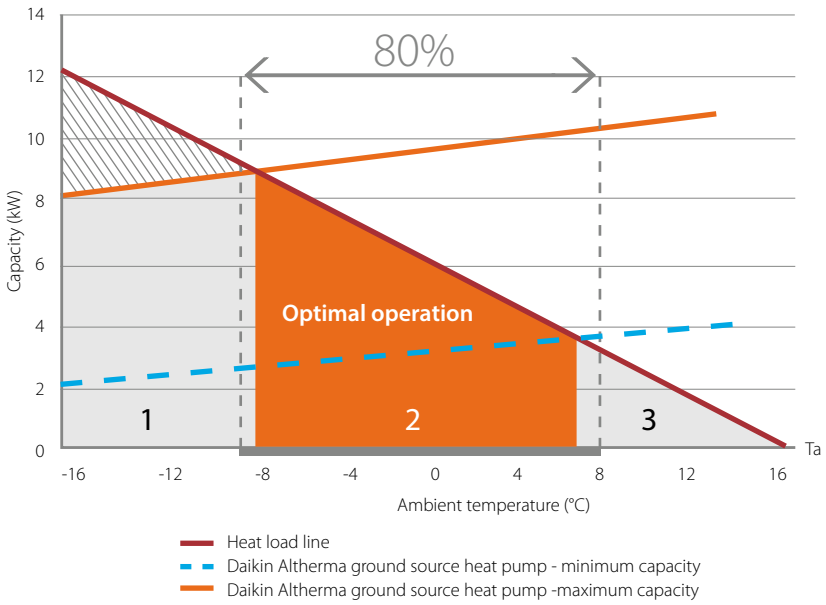
Typical Nordic climate application with standard heat load:

- Location: Sweden
- Design temperature: -17°C
- Heat load: 12 kW

1 **Full load operation with additional electric assistance** (if required)
The heat load is higher than the maximum heating capacity

2 **Partial load operation**
The heat load is lower than the maximum heating capacity and higher than the minimum heating capacity
This is the optimal operation zone

3 **On/Off operation**
The heat load is below the minimum heating capacity and the unit will go into on/off mode to deliver the required capacity



In a Nordic climate, around 80% of the required heat output must be delivered in an ambient temperature range between -9°C and 8°C (indicated by the orange zone on the graph). To deliver a high seasonal Coefficient of Performance (COP), it is crucial to have high operating efficiencies for this ambient temperature range because a majority of the required heat must be delivered within this range.

The Daikin Altherma ground source heat pump almost completely covers the relevant ambient temperature range during partial load operation, which is the optimal operational zone of the unit. This is a major benefit when compared to traditional on/off compressors.

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

011-1W0067

EGSQH-A9W

A++ A 60°C R-410A

Indoor Unit				EGSQH	10S18A9W
Space heating	Average climate water outlet 55°C	General	ηs (Seasonal space heating efficiency)	%	144
			Seasonal space heating eff. class		A++
	Average climate water outlet 35°C	General	ηs (Seasonal space heating efficiency)	%	202
			Seasonal space heating eff. class		A++
Domestic hot water heating	General	Declared load profile			L
	Average climate	ηwh (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	HeightxWidthxDepth		mm	1,732x600x728
Weight	Unit			kg	210
Tank	Water volume			l	180
	Insulation	Heat loss		kWh/24h	1.36
	Corrosion protection				Anode
Operation range	Domestic hot water	Water side	Min.~Max.	°C	25 / 25 ~55 / 60
Refrigerant	Type				R-410A
	GWP				2,087.5
	Charge			kg	1.80
	Charge			TCO2Eq	3.76
	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

Options

	Type	Material name
Controls	LAN adapter	BRP069A62
	LAN adapter + PV solar connection	BRP069A61
	Remote user interface (DE, FR, NL, IT)	EKRUCBL1
	Remote user interface (EN, ES, EL, PT)	EKRUCBL3
	Remote user interface (EN, SV, NO, FI)	EKRUCBL2
	Remote user interface (EN, TR, PL, RO)	EKRUCBL4
	Remote user interface (DE, CS, SL, SK)	EKRUCBL5
	Remote user interface (EN, HR, HU, BG)	EKRUCBL6
	Remote user interface (EN, DE, RU, DA)	EKRUCBL7
	Simplified user interface	EKRUCBSB
	Room thermostat (wired)	EKRTWA
	Room thermostat (wireless)	EKRTR1
Adapter	Demand PCB	EKRP1AHTA
	Digital I/O PCB	EKRP1HBAA
Installation	Wire harness	EKGSCONBP1
Sensor	Remote indoor sensor	KRCS01-1B
	External sensor	EKRTETS
Valve	Valve kit	EKVK1A/2A/3A
Others	PC cable	EKPCCAB1
	Ground source filling kit	KGSFILL

(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

hybrid heat pump

Why choose a Daikin Altherma hybrid heat pump

The Daikin Altherma hybrid heat pump is the ideal solution to replace your old gas boiler.

Comfort

Heating

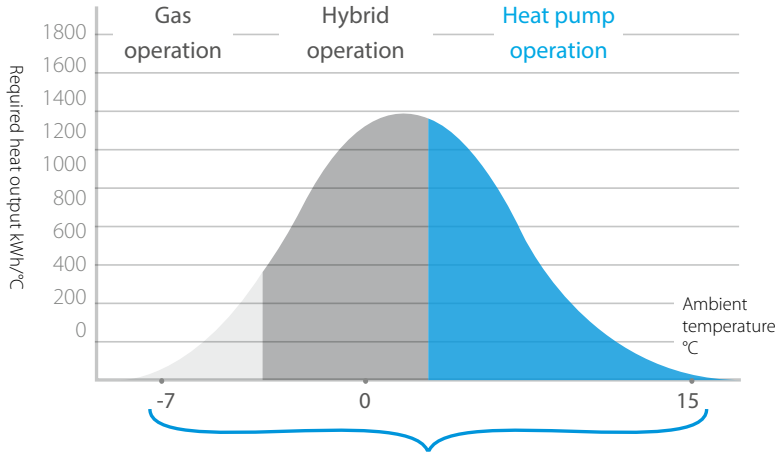
A Daikin Altherma hybrid heat pump automatically determines the most economic and energy efficient heating combination

› **Heat pump operation:** the best available technology for optimising running costs at moderate outdoor temperatures

› **Hybrid operation:** both the gas boiler and heat pump operate simultaneously to deliver the ultimate comfort for your customer

› **Gas operation:** when outdoor temperatures drastically drop, the unit will automatically switch to gas operation mode

Illustration of an average European climate

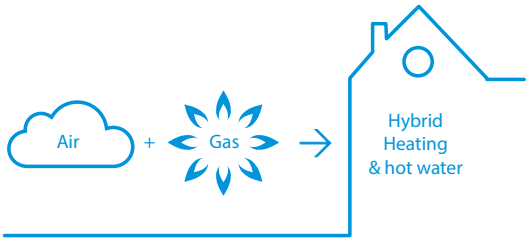


+ 35% efficiency
(space heating) compared to condensing boiler

› Heat load: 14 kW
› 70% heat pump output
› 30% gas boiler output

Heat load = the capacity of the space heating system required to maintain comfortable indoor temperatures at any time

Required heat output = heat load x n° of occuring hours per year

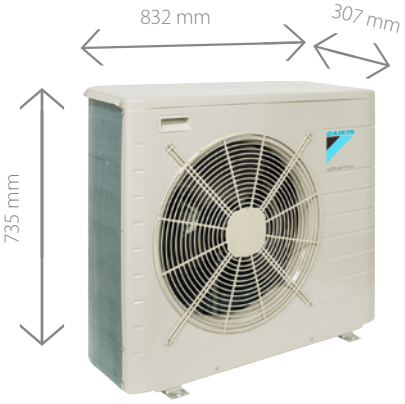


Hot water
The gas condensing boiler's dual heat exchanger increases hot water efficiency by up to 15% when compared with traditional gas boilers

Cooling
Incorporate cooling for a total solution that integrates seamlessly with underfloor heating or radiators

Quick and easy installation
As the heat pump indoor unit and gas condensing boiler are delivered as separate units, they are easier to handle, operate and install

Investment benefits
› Combines with existing radiators; reducing the cost and disruption of installations
› Coverage of heat loads up to 27 kW makes this unit ideal for renovation applications
› Possible to connect to photovoltaïc solar panels to optimise self-consumption of the electiricy produced



Heat pump outdoor unit

Heat pump indoor unit

Energy efficiency

The ideal combination
Depending on the outdoor temperature, energy prices and the internal heat load, the Daikin Altherma hybrid heat pump smartly chooses between the heat pump and/or the gas boiler, possibly in simultaneous operation, and always selects the most economic operation mode.

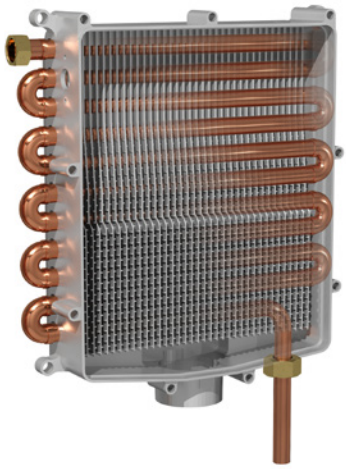
Supported by renewable energy
When working in heat pump mode, the system is powered by renewable energy extracted from the air and can achieve up to **A++ energy efficiency**.

Hot water produced with gas condensing technology
Unique dual heat exchanger increases efficiency up to 15% compared to traditional gas boilers

› Cold tap water flows directly into the heat exchanger
› Optimal and continuous condensing of the flue gases during domestic hot water preparation

Reliability

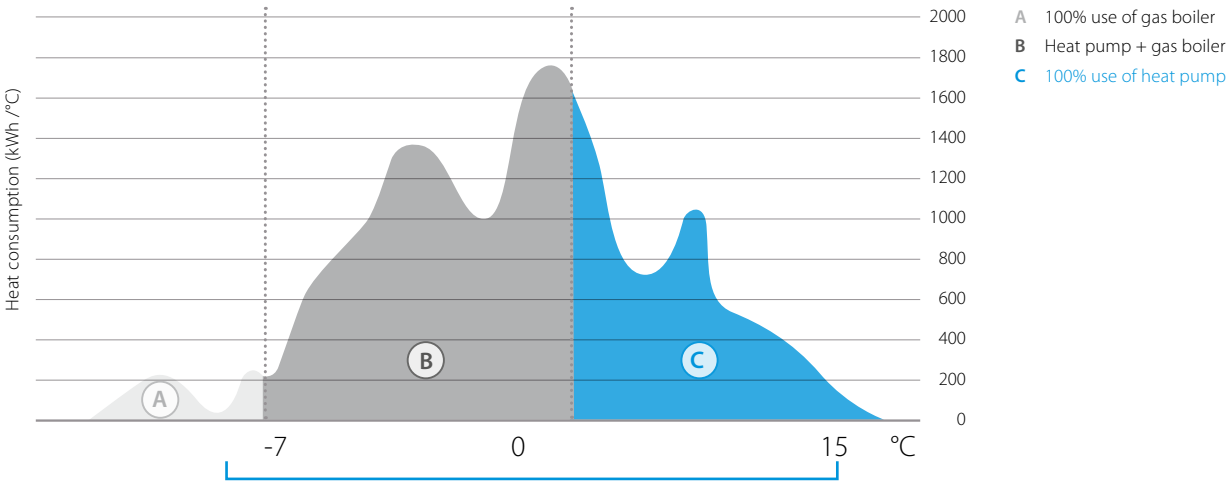
› Low investment cost with no need to replace existing piping and radiators
› Low running costs for heating and domestic hot water
› Compact dimensions
› Ideal for renovation applications
› Easy and fast installation



Case study

Replacing a gas boiler with a Daikin Altherma hybrid heat pump means saving on running costs for both space heating and domestic hot water supply.

A running costs comparison is made below based on parameters for a typical Belgian winter. As a result of the hybrid principle, the most cost-efficient operation will be used no matter the ambient outdoor temperature.



+35% efficiency (space heating) compared to existing condensing gas boiler

	Daikin altherma hybrid heat pump	New gas condensing boiler	Existing gas condensing boiler
		Space heating	
Energy supplied by HP	12,800 kWh		
HP efficiency	3.64 Scop		
Energy supplied by gas boiler	6,700 kWh	19,500 kWh	19,500 kWh
Space heating efficiency	90%	90%	75%
Running costs	1,220 €	1,520 €	1,820 €
		DHW HEATING	
Energy supplied by gas boiler*	3,000 kWh	3,000 kWh	3,000 kWh
DHW heating efficiency*	90%	80%	65 %
Running costs*	230 €	260 €	320 €
		TOTAL	
Running costs	1,450 €	1,780 €	2,140 €

* for combi-boiler, no separate domestic hot water tank

Conditions

Heat load	16 kW
Design temperature	-8°C
Space heating off temperature	16°C
Maximum water temperature	60°C
Minimum water temperature	38°C
Gas price	0.070 €/kWh
Electricity price (day)	0.237 €/kWh
Electricity price (night)	0.152 €/kWh
Total space heating requirement	19,500 kWh
Total DHW heating requirement (4 persons)	3,000 kWh

Yearly savings: for space heating and domestic hot water

-19%	versus new gas condensing boiler	330 €/year
-32%	versus existing gas condensing boiler	690 €/year

Daikin Altherma hybrid heat pump

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

- Heating only + heating and cooling models
- 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

A++ A 55°C R-410A

Efficiency data					EHYHBH05AV32 + EVLQ05CV3	EHYHBH08AV32 + EVLQ08CV3	EHYHBX08AV3 + EVLQ08CV3
Space heating	Average climate water outlet 55°C	General	SCOP		3.28 (3)	3.24	3.29
			ηs (Seasonal space heating efficiency)	%	128	127	129
			Seasonal space heating eff. class		A++		
Domestic hot water heating	General	Declared load profile			XL		
	Average climate	ηwh (water heating efficiency)		%	95.8		
		Water heating energy efficiency class			A		
Heating capacity	Nom.			kW	4.40(1) / 4.03(2)	7.40(1) / 6.89(2)	7.40(1) / 6.89(2)
Cooling capacity	Nom.			kW	-		6.86(1) / 5.36(2)
Power input	Heating	Nom.		kW	0.870(1) / 1.13(2)	1.66(1) / 2.01(2)	1.66(1) / 2.01(2)
	Cooling	Nom.		kW	-		2.01(1) / 2.34(2)
COP					5.04(1) / 3.58(2)	4.45(1) / 3.42(2)	4.45(1) / 3.42(2)
EER					-		3.42(1) / 2.29(2)

Indoor unit (Hydrobox & Boiler)					EHYHBH05AV32	EHYHBH08AV32	EHYHBX08AV3	EHYKOMB33AA2	EHYKOMB33AA3
Central heating	Heat input Qn (net calorific value)	Nom	Min/Max	kW	-			6.2 / 7.6	7.6 /22.1 / 27.0 / 27.0
	Output Pn at 80/60°C	Min/Nom		kW	-			6.7 / 8.2	8.2 /21.8 / 26.6 / 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				-			1	
Flue gas	Connection			mm	-			60	
Casing	Colour				White			White - RAL9010	
	Material				Precoated sheet metal			Precoated sheet metal	
Dimensions	Unit	HeightxWidth xDepth	Casing	mm	902x450x164			710x450x240	
Weight	Unit	Empty		kg	30.0	31.2		36	
Power supply	Phase/Frequency/Voltage			Hz/V	-			1~/50/230	
Electrical power consumption	Max.			W	-			55	
	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	-	

Outdoor unit				EVLQ05CV3	EVLQ08CV3
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			2,088	
	Charge		kg	1.5	1.6
	Charge		TCO2Eq	3.0	3.3
	GWP			2,088	
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	16	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 hybrid heat pump
+ multi

The Daikin Altherma hybrid heat pump can also be combined with an air-to-air multi system to provide optimal cooling. Easily installed and managed via an app on a smartphone or tablet, the Daikin Altherma hybrid heat pump + multi is an all-in-one system for heating, cooling and hot water purposes.

Multi features

- ☑ Equipped with Bluevolution technology
- ☑ 3, 4 and 5 ports for multi outdoor units
- ☑ Combinable with different Split & Sky Air indoor units:
  One port can be used for hot water production

Control with Daikin Online Controller app

BLUEVOLUTION

	Hybrid heat pump		Wall mounted																			Concealed ceiling								Floor stainding			Round flow cassette			Fully flat cassette				Ceiling suspended			Concealed floor standing			
	CHYHBH-AV32		C/FTXA-AW/S/T					FTXJ-MW/S				CTXM-N	FTXM-N									FDXM-F9				FBA-A9				FVXM-F			FCAG-B			FFA-A9				FHA-A9			FNA-A9			
Connectable indoor units	05	08	15	20	25	35	50	20	25	35	50	15	20	25	35	42	50	60	71	25	35	50	60	25	35	50	60	25	35	50	35	50	60	25	35	50	60	35	50	60	25	35	50	60
3MXM52N	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		●	●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	
3MXM68N	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM68N	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM80N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXM90N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Efficiency data					CHYHBH05AV32 /3MXM52N	CHYHBH05AV32 /3MXM68N	CHYHBH05AV32 /4MXM68N	CHYHBH05AV32 /4MXM80N	CHYHBH08AV32 /4MXM80N	CHYHBH05AV32 /5MXM90N	CHYHBH08AV32 /5MXM590N
Heating capacity	Nom.			kW	4.41 (1)	4.50 (1)			6.78 (1)	4.50 (1)	6.78 (1)
COP					4.49 (1)	3.91 (1)		4.04 (1)	4.17 (1)	4.04 (1)	4.17 (1)
Pump					51.80 (1)						
Seasonal efficiency	Domestic hot water heating	General	Declared load profile		XL						
		Average climate	ηwh (water heating efficiency)	%	96						
Water heating energy efficiency class					A						

(1) DB/WB 7°C/6°C - LWC 35°C (DT=5°C), boiler bypassed

Indoor Unit (Hydrobox)					CHYHBH05AV32	CHYHBH08AV32
Casing	Colour				White	
	Material				Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	902x450x164	
Weight	Unit			kg	30.0	
Operation range	Heating	Ambient	Min.~Max.	°C	-15 ~24	
		Water side	Min.~Max.	°C	25 ~50	

Indoor unit (Boiler)					EHYKOMB33AA2/AA3
Central heating	Heat input Qn (net calorific value)	Nom	Min/Max	kW	6.2 / 7.6 / 7.6 /22.1 / 27.0 / 27.0
	Output Pn at 80/60°C	Min/Nom		kW	6.7 / 8.2 / 8.2 /21.8 / 26.6 / 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				1
Flue gas	Connection			mm	60
Casing	Colour				White - RAL9010
	Material				Precoated sheet metal
Dimensions	Unit	HeightxWidthxDepth	Casing	mm	710x450x240
Weight	Unit	Empty		kg	36
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230
Electrical power consumption	Max.			W	55
	Standby			W	2

Outdoor unit					3MXM52N	3MXM68N	4MXM68N	4MXM80N	5MXM90N
Dimensions	Unit	HeightxWidthxDepth		mm	734x958x340				
Weight	Unit			kg	57	62	63	67	68
Sound power level	Cooling			dBA	59	61	61		64
	Heating			dBA	59	61	61		64
Sound pressure level	Cooling	Nom.		dBA	46	48	48	49	52
	Heating	Nom.		dBA	47	48	48	49	52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46				
	Heating	Ambient	Min.~Max.	°CWB	-15~18				
Refrigerant	Type				R-32				
	GWP				675				
	Charge			kg/TCO2Eq	1.80/1.2	2.00/1.4	2.00/1.4	2.40/1.6	
Piping connections	Liquid	OD		mm	6.35				
	Gas	OD		mm	9.5				
	Piping length	OU - IU	Max.	m	25				
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)				
	Level difference	IU - OU	Max.	m	15				
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	30				

Options

	Type	Material name	
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	
	Heat meter (EHYHBH* only)	K.HEATMET	
Drain	Drain pan for reversible H/B	EKHYDP1	
Installation	Cover plate 35	EKHY093467	
	Installation jig	EKHYMNT1	
Sensor	External sensor	EKRTETS	
Valve	Valve kit for connection to 3rd party tank with built-in thermotat	EKHY3PART2	
	Valve kit for connection to 3rd party tank with sensor pocket	EKHY3PART	
Propane set	Propane set	EKHY075787	

	Type	Material name
Flue gas connections	Adapter Flex-Fixed PP 100	EKFGP6316
	Adapter Flex-Fixed PP 130	EKFGS0252
	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 Ø 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 connnection Ø 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 PP MB-AIR 80 90°	EKFGW4085
	Elbow PP BM-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 10000mm	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
	Inspection Elbow Plus PP/ALU 80/125 90° EPDM	EKFGP4820
	Meas. Tee with Inspection Panel PP/GLV 60/100	EKFGP4667
	Plume Managment 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	EK TH2
	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	EKFGP297 7
	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 60/100 18°-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