



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες θερμότητας



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3
ΤΚ | 55133 | Καλαμαριά | Θεσσαλονίκη
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Daikin Altherma 3 R F

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 230 L 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 625 mm
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Daikin Residential Controller app
- › Voice control available



011-IW0218 → 222
011-IW0245, 247
011-IW0249 → 251



Efficiency data				EHVH + ERGA		04S18E 6V+ 04EV		04S23E 6V+ 04EV		08S18E6V/ E9W + 06EV		08S23E6V/ E9W + 06EV		08S18E6V/ E9W + 08EV		08S23E6V/ E9W + 08EV		
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+++										
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+									
Indoor Unit				EHVH		04S18E6V		04S23E6V		08S18E6V/E9W		08S23E6V/E9W		08S18E6V/E9W		08S23E6V/E9W		
Casing		Colour								White + Black								
		Material								Resin / Sheet metal								
Dimensions		Unit		Height x Width x Depth		mm		1,650 x 595 x 625		1,850 x 595 x 625		1,650 x 595 x 625		1,650 x 595 x 625		1,850 x 595 x 625		
Weight		Unit				kg		119		128		119		128		119		
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		04EV		06EV		08EV								
Dimensions		Unit		Height x Width x Depth		mm				740 x 884 x 388								
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				TCO.Eq						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/IN~/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). This product contains fluorinated greenhouse gases.

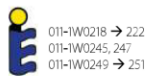
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Daikin Altherma 3 R F

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 230 L 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 625 mm
- › Integrated back-up heater choice of 3, 6, 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Daikin Residential Controller app
- › Voice control available



Efficiency data				EHVX + ERGA		04S18E3V/ E6V(G) + 04EV		04S23E3V/ E6V(G) + 04EV		08S18E6V(G)/ E9W + 06EV		08S23E6V(G)/ E9W + 06EV		08S18E6V(G)/ E9W + 08EV		08S23E6V(G)/ E9W + 08EV	
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		4.86 (1) / 4.52 (2)		5.96 (1) / 5.09 (2)				6.25 (1) / 5.44 (2)			
Power input		Cooling		Nom.		kW		0.810 (1) / 1.36 (2)		1.06 (1) / 1.55 (2)				1.16 (1) / 1.73 (2)			
COP								5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)				4.60 (1) / 3.50 (2)			
EER								5.98 (1) / 3.32 (2)		5.61 (1) / 3.28 (2)				5.40 (1) / 3.14 (2)			
Space heating	Average climate water outlet: 55 °C	General	SCOP				3.29		3.28				3.35				
			η _{sp} (Seasonal space heating efficiency)		%		129		128				131				
			Seasonal space heating eff. class						A++								
	Average climate water outlet: 35 °C	General	SCOP				4.54		4.52				4.61				
			η _{sp} (Seasonal space heating efficiency)		%		179		178				181				
			Seasonal space heating eff. class						A+++								
Domestic hot water heating	General	Declared load profile				L		XL		L		XL		L		XL	
	Average climate	η _{wh} (water heating efficiency)		%		127	125	134	133	125	133	125	133				
		Water heating energy efficiency class				A+											
Indoor Unit				EHVX		04S18E3V/E6V(G)		04S23E3V/E6V(G)		08S18E6V(G)/E9W		08S23E6V(G)/E9W		08S18E6V(G)/E9W		08S23E6V(G)/E9W	
Casing		Colour								White + Black							
		Material								Resin / Sheet metal							
Dimensions		Unit		Height x Width x Depth		mm		1,650 x 595 x 625		1,850 x 595 x 625		1,650 x 595 x 625		1,850 x 595 x 625		1,850 x 595 x 625	
Weight		Unit				kg		119		128		119		128		119	
		Water volume				l		180		230		180		230		180	
Tank		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		04EV		06EV		08EV							
Dimensions		Unit		Height x Width x Depth		mm				740 x 884 x 388							
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				TCO-Eq				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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma 3 R F

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

- › A combined stainless steel domestic hot water tank of 180 or 230 L 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 625 mm
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Daikin Residential Controller app
- › Voice control available



011-TW0218 → 222



up to

A+++



A+



65 °C

R-32

Efficiency data				EHVZ + ERGA		04S18 E6V + 04EV		08S18 E6V/E9W + 06EV		08S23 E6V/E9W + 06EV		08S18 E6V/E9W + 08EV		08S23 E6V/E9W + 08EV	
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				
			η _s (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		
η _s (Seasonal space heating efficiency)			%		176				179						
Seasonal space heating eff. class								A+++							
 Domestic hot water heating	General	Declared load profile				L		XL		L		XL			
	Average climate	η _{wh} (water heating efficiency)		%		125		133		125		133			
Water heating energy efficiency class								A+							
Indoor Unit				EHVZ		04S18E6V		08S18E6V/E9W		08S23E6V/E9W		08S18E6V/E9W		08S23E6V/E9W	
Casing		Colour								White + Black					
		Material								Resin / Sheet metal					
Dimensions		Unit	Height x Width x Depth		mm		1,650 x 595 x 625		1,850 x 595 x 625		1,650 x 595 x 625		1,850 x 595 x 625		
Weight		Unit			kg		125		133		125		133		
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						
Sound power level		Domestic hot water	Ambient	Min.~Max.	°CDB				5~35						
			Water side	Max.	°C				70						
Sound pressure level		Nom.				dBA		42							
		Nom.				dBA		28							
Outdoor Unit				ERGA		04EV		06EV				08EV			
Dimensions		Unit		Height x Width x Depth		mm				740 x 884 x 388					
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				TCO _{Eq}				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).
This product contains fluorinated greenhouse gases.

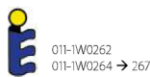
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Daikin Altherma 3 R ECH₂O

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 photovoltaic solar panels to provide energy for your heat pump



Efficiency data				EHS-D3 + ERGA	04P30D3 + 04EV	08P30D3 + 06EV	08P50D3 + 06EV	08P30D3 + 08EV	08P50D3 + 08EV
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	0.84 (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		
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class		A++				
			SCOP		4.48	4.47	4.56		
			ηs (Seasonal space heating efficiency)	%	176		179		
			Seasonal space heating eff. class		A+++				
 Domestic hot water heating	General	Declared load profile			L	XL	L	XL	
	Average climate	ηwh (water heating efficiency)	%		115	106	115	106	
		Water heating energy efficiency class			A+	A	A+	A	
Indoor Unit				EHS-D3	04P30D3	08P30D3	08P50D3	08P30D3	08P50D3
Casing	Colour			Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material			Impact resistant polypropylene					
Dimensions	Unit	Height x Width x Depth		mm	1,891 x 595 x 615		1,896 x 790 x 790	1,891 x 595 x 615	1,896 x 790 x 790
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.				39				
Outdoor Unit				ERGA	04EV	06EV		08EV	
Dimensions	Unit	Height x Width x Depth		mm	740 x 884 x 388				
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			TCO _{Eq}	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 I_a 35 °C - LWE 18 °C (DT = 5 °C); heating I_a DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C) (2) Cooling I_a 35 °C - LWE 7 °C (DT = 5 °C); heating I_a DB/WB 7 °C/6 °C - LWC 45 °C (DT = 5 °C). This product contains fluorinated greenhouse gases.

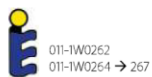
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Daikin Altherma 3 R ECH₂O

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



011-1W0262
011-1W0264 → 267

Efficiency data			EHSHB + ERGA		04P30D3 + 04EV		08P30D3 + 06EV		08P50D3 + 06EV		08P30D3 + 08EV		08P50D3 + 08EV		
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		0.84 (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+++										
 Domestic hot water heating	General		Declared load profile		L		XL		L		XL				
	Average climate		ηwh (water heating efficiency)		115		110		115		110				
	Water heating energy efficiency class				A+		A		A+		A				
Indoor Unit			EHSHB		04P30D3		08P30D3		08P50D3		08P30D3		08P50D3		
Casing		Colour		Traffic white (RAL9016) / Dark grey (RAL7011)											
		Material		Impact resistant polypropylene											
Dimensions		Unit		Height x Width x Depth		mm		1,891 x 595 x 615		1,896 x 790 x 790		1,891 x 595 x 615		1,896 x 790 x 790	
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					
Outdoor Unit			ERGA		04EV		06EV		08EV						
Dimensions		Unit		Height x Width x Depth		mm		740 x 884 x 388							
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				TCO _{Eq}		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						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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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Daikin Altherma 3 R ECH₂O

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 photovoltaic solar panels to provide energy for your heat pump



011-1W0262 → 267

Efficiency data				EHSX + ERGA	04P30D3 + 04EV	04P50D3 + 04EV	08P30D3 + 06EV	08P50D3 + 06EV	08P30D3 + 08EV	08P50D3 + 08EV
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	0.84 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	4.86 (1) / 4.52 (2)		5.96 (1) / 5.09 (2)		6.25 (1) / 5.44 (2)	
Power input	Cooling	Nom.		kW	0.81 (1) / 1.36 (2)		1.06 (1) / 1.55 (2)		1.16 (1) / 1.73 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.98 (1) / 3.32 (2)		5.61 (1) / 3.28 (2)		5.40 (1) / 3.14 (2)	
 Space heating	Average climate water outlet 55 °C	General	SCOP		3.29		3.28		3.35	
			η _s (Seasonal space heating efficiency)	%	129		128		131	
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class				A++			
			SCOP		4.54		4.52		4.61	
			η _s (Seasonal space heating efficiency)	%	179		178		181	
			Seasonal space heating eff. class				A+++			
 Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	η _{wh} (water heating efficiency)			115	106	115	106	115	106
		Water heating energy efficiency class			A+	A	A+	A	A+	A
Indoor Unit				EHSX	04P30D3	04P50D3	08P30D3	08P50D3	08P30D3	08P50D3
Casing	Colour					Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material					Impact resistant polypropylene				
Dimensions	Unit	Height x Width x Depth			mm	1,891 x 595 x 615	1,896 x 790 x 790	1,891 x 595 x 615	1,896 x 790 x 790	1,891 x 595 x 615
Weight	Unit				kg	73	93	73	93	73
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.			dB(A)	39					
Outdoor Unit				ERGA	04EV	06EV	08EV			
Dimensions	Unit	Height x Width x Depth			mm	740 x 884 x 388				
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				TCO _{Eq}	1.01				
	Control					Expansion valve				
Sound power level	Heating	Nom.	dB(A)	58		60		62		
	Cooling	Nom.	dB(A)	61			62			
Sound pressure level	Heating	Nom.	dB(A)	44		47		49		
	Cooling	Nom.	dB(A)	48		49		50		
Power supply	Name/Phase/Frequency/Voltage				Hz/V	V3/IN~/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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma 3 R ECH₂O

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



Efficiency data				EHSXB + ERGA		04P30D3 + 04EV		04P50D3 + 04EV		08P30D3 + 06EV		08P50D3 + 06EV		08P30D3 + 08EV		08P50D3 + 08EV			
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		0.84 (1) / 1.26 (2)				1.24 (1) / 1.69 (2)				1.63 (1) / 2.23 (2)					
Cooling capacity	Nom.			kW		4.86 (1) / 4.52 (2)				5.96 (1) / 5.09 (2)				6.25 (1) / 5.44 (2)					
Power input	Cooling	Nom.		kW		0.81 (1) / 1.36 (2)				1.06 (1) / 1.55 (2)				1.16 (1) / 1.73 (2)					
COP						5.10 (1) / 3.65 (2)				4.85 (1) / 3.50 (2)				4.60 (1) / 3.50 (2)					
EER						5.98 (1) / 3.32 (2)				5.61 (1) / 3.28 (2)				5.40 (1) / 3.14 (2)					
Space heating	Average climate water outlet 55 °C	General	SCOP			3.29				3.28				3.35					
			η _s (Seasonal space heating efficiency)	%	129				128				131						
			Seasonal space heating eff. class						A++										
	Average climate water outlet 35 °C	General	SCOP			4.54				4.52				4.61					
			η _s (Seasonal space heating efficiency)	%	179				178				181						
			Seasonal space heating eff. class						A+++										
Domestic hot water heating	General	Declared load profile			L		XL		L		XL		L		XL				
	Average climate	r _{wh} (water heating efficiency)			115		110		115		110		115		110				
		Water heating energy efficiency class			A+		A		A+		A		A+		A				
Indoor Unit				EHSXB		04P30D3		04P50D3		08P30D3		08P50D3		08P30D3		08P50D3			
Casing	Colour			Traffic white (RAL9016) / Dark grey (RAL7011)															
	Material			Impact resistant polypropylene															
Dimensions	Unit	Height x Width x Depth			mm	1,891 x 595 x 615		1,896 x 790 x 790		1,891 x 595 x 615		1,896 x 790 x 790		1,891 x 595 x 615		1,896 x 790 x 790			
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.			dB(A)	39														
Outdoor Unit				ERGA		04EV				06EV				08EV					
Dimensions	Unit	Height x Width x Depth			mm	740 x 584 x 388													
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 Control			TCO-Eq	1.01														
Sound power level	Heating	Nom.		dB(A)	58				60				62						
	Cooling	Nom.		dB(A)	61						62								
Sound pressure level	Heating	Nom.		dB(A)	44				47				49						
	Cooling	Nom.		dB(A)	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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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Daikin Altherma 3 R W

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 ECH₂O thermal store
- > Outdoor unit extracts heat from the outdoor air, even at -25 °C
- > Compatible with the Daikin Residential Controller app
- > Voice control available



Efficiency data		EHBH + ERGA		04E6V + 04EV		08E6V + 06EV		08E9W + 06EV		08E6V + 08EV		08E9W + 08EV			
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								
			η _s (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						
			η _s (Seasonal space heating efficiency)		176		179								
			Seasonal space heating eff. class		A+++										
Indoor Unit				EHBH		04E6V		08E6V		08E9W		08E6V		08E9W	
Casing	Colour							White + Black							
	Material							Resin, sheet metal							
Dimensions	Unit	Height x Width x Depth		mm				840 x 440 x 390							
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		42							
Sound pressure level	Nom.			dBA		28		28							
Outdoor Unit				ERGA		04EV		06EV		08EV					
Dimensions	Unit	Height x Width x Depth		mm				740 x 884 x 388							
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			TCO.Eq		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/N~/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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma 3 R W

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 ECH₂O thermal store
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Daikin Residential Controller app
- › Voice control available



011-IW0218-219
011-IW0221
011-IW0246-247



Efficiency data				EHBX + ERGA		04E6V + 04EV		08E6V + 06EV		08E9W + 06EV		08E6V + 08EV		08E9W + 08EV	
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		4.86 (1) / 4.52 (2)		5.96 (1) / 5.09 (2)				6.25 (1) / 5.44 (2)			
Power input	Cooling	Nom.		kW		0.810 (1) / 1.36 (2)		1.06 (1) / 1.55 (2)				1.16 (1) / 1.73 (2)			
COP						5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)				4.60 (1) / 3.50 (2)			
EER						5.98 (1) / 3.32 (2)		5.61 (1) / 3.28 (2)				5.40 (1) / 3.14 (2)			
Space heating	Average climate water outlet: 55 °C	General	SCOP		3.29		3.28				3.35				
			η _s (Seasonal space heating efficiency)		%		129		128		131				
			Seasonal space heating eff. class						A++						
	Average climate water outlet: 35 °C	General	SCOP		4.54		4.52				4.61				
			η _s (Seasonal space heating efficiency)		%		179		178		181				
			Seasonal space heating eff. class						A+++						
Indoor Unit		EHBX		04E6V		08E6V		08E9W		08E6V		08E9W			
Casing	Colour							White + Black							
	Material							Resin, sheet metal							
Dimensions	Unit	Height x Width x Depth		mm				840 x 440 x 390							
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		04EV		06EV		08EV							
Dimensions	Unit	Height x Width x Depth		mm		740 x 884 x 388									
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			TCO.Eq		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). This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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