



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 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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data				EHVH + ERLQ-C		11S18CB3V / 11S26CB9W + 011CV3		16S18CB3V / 16S26CB9W + 014CV3		16S18CB3V / 16S26CB9W + 016CV3		11S18CB3V / 11S26CB9W + 011CW1		16S18CB3V / 16S26CB9W + 014CW1		16S18CB3V / 16S26CB9W + 016CW1					
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)			
Power input		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								4.60 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)		4.30 (1) / 2.65 (3) / 3.32 (2) / 2.08, (4)		4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)		4.60 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)		4.30 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)		4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)			
	Space heating	Average climate water outlet 55 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3.09		3.16		3.06		3.09		3.16		3.06					
						120		123		119		120		123		119					
	Average climate water outlet 35 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3.98		3.90		3.80		3.98		3.90		3.80						
					156		153		149		156		153		149						
	Domestic hot water heating	General	Average climate	Declared load profile ηwh (water heating efficiency) Water heating energy efficiency class	%	L		XL		L		XL		L		XL					
						87.4		97.7		87.4		97.7		87.4		97.7		87.4		97.7	
										A											
Indoor Unit				EHVH		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W		11S18CB3V / 11S26CB9W		16S18CB3V / 16S26CB9W		16S18CB3V / 16S26CB9W					
Casing		Colour	White																		
		Material	Precoated sheet metal																		
Dimensions		Unit	Height x Width x Depth	mm																	
Weight		Unit		kg																	
Tank		Water volume		l																	
		Maximum water temperature		°C																	
		Maximum water pressure		bar																	
		Corrosion protection		Anode																	
Operation range		Heating	Water side Min.~Max.	°C																	
		Domestic	Water side Min.~Max.	°C																	
		hot water		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		011CV3		014CV3		016CV3		011CW1		014CW1		016CW1					
Dimensions		Unit	Height x Width x Depth	mm																	
Weight		Unit		kg																	
Compressor		Quantity		1																	
		Type		Hermetically sealed scroll compressor																	
Operation range		Cooling	Min.~Max.	°CDB																	
		Domestic hot water	Min.~Max.	°CDB																	
Refrigerant		Type																			
		GWP																			
		Charge		kg																	
		Charge		TCO _{Eq}																	
		GWP																			
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		50		51		52		50		51		52					
		Cooling	Nom.	dBA		50		52		54		50		52		54					
Power supply		Name/Phase/Frequency/Voltage			Hz/V		V3/1~50/230						W1/3N~/50/400								
Current		Recommended fuses			A		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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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



Efficiency data				EHVH + ERHQ-B		11S26CB9W / 11S18CB3V + 011BV3		16S26CB9W / 16S18CB3V + 014BV3		16S26CB9W / 16S18CB3V + 016BV3		11S26CB9W / 11S18CB3V + 011BW1		16S26CB9W / 16S18CB3V + 014BW17		16S26CB9W / 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				
			η_s (Seasonal space heating efficiency)	%	112		110		114		113		111		115				
		General	SCOP		2.99		3.23		3.29		3.08		3.34						
			η_s (Seasonal space heating efficiency)	%	117		126		129		120		131		130				
	Average climate water outlet 35 °C		Seasonal space heating eff. class		A		A+		A		A+								
 Domestic hot water heating	General Average climate	Declared load profile			XL	L	XL	L	XL	L	XL	L	XL	L	L	XL			
		η_{wh} (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															
Indoor Unit				EHVH		11S26CB9W / 11S18CB3V		16S26CB9W / 16S18CB3V		16S26CB9W / 16S18CB3V		11S26CB9W / 11S18CB3V		16S26CB9W / 16S18CB3V		16S26CB9W / 16S18CB3V			
Casing	Colour			White															
	Material			Precoated sheet metal															
Dimensions	Unit	Height x Width x Depth		mm	1,732 x 600 x 728														
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		44.0		44.0				
Sound pressure level	Nom.			dBA	28.0		30.0		28.0		30.0		30.0		30.0				
Outdoor Unit				ERHQ-B		011BV3		014BV3		016BV3		011BW1		014BW17		016BW1			
Dimensions	Unit	Height x Width x Depth		mm	1,170 x 900 x 320														
Weight	Unit			kg	102														
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	TCO/Eq			5.6						6.3								
Sound power level	Heating	Nom.	dBA	64				66				64				66			
	Cooling	Nom.	dBA	64				66				64				66			
Sound pressure level	Heating	Nom.	dBA	49				51				53				51			
	Cooling	Nom.	dBA	50				52				54				52			
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230														
Current	Recommended fuses			A	32														

(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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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

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



Efficiency data				EHVX + ERLQ-C		11S18CB3V / 11S26CB9W + 011CV3		16S18CB3V / 16S26CB9W + 014CV3		16S18CB3V / 16S26CB9W + 016CV3		11S18CB3V / 11S26CB9W + 011CW1		16S18CB3V / 16S26CB9W + 014CW1		16S18CB3V / 16S26CB9W + 016CW1	
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)	11.2(1) / 11.0(2)	14.5(1) / 13.6(2)	16.0(1) / 15.2(2)			
Cooling capacity	Nom.			kW		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)	12.1(1) / 11.7(2)	12.7(1) / 12.6(2)	13.8(1) / 13.1(2)			
Power input	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)	2.43(1) / 3.10(2)	3.37(1) / 4.10(2)	3.76(1) / 4.66(2)			
	Cooling	Nom.		kW		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)	3.05(1) / 4.31(2)	3.21(1) / 5.08(2)	3.74(1) / 5.73(2)			
COP						4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)	4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)	4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)	4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)	4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)	4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)			
EER						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)	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	η _s (Seasonal space heating efficiency)	%	3.09	3.16	3.06	3.09	3.16	3.06						
			Seasonal space heating eff. class														
	Average climate water outlet 35 °C	General	SCOP	η _s (Seasonal space heating efficiency)	%	3.98	3.90	3.80	3.98	3.90	3.80						
			Seasonal space heating eff. class														
Domestic hot water heating	General	Declared load profile				L	XL	L	XL	L	XL	L	XL				
	Average climate	η _{wh} (water heating efficiency) Water heating energy efficiency class				87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7	87.4	97.7		
A																	
Indoor Unit				EHVX		11S18CB3V		11S26CB9W		16S18CB3V		16S26CB9W					
Casing	Colour					White											
	Material					Precoated sheet metal											
Dimensions	Unit	Height x Width x Depth		mm		1,732 x 600 x 728											
Weight	Unit			kg		119		128		120		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											
	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							
Sound pressure level	Nom.			dBA		28.0				30.0							
Outdoor Unit				ERLQ-C		011CV3	014CV3	016CV3	011CW1	014CW1	016CW1						
Dimensions	Unit	Height x Width x Depth		mm		1,345 x 900 x 320											
Weight	Unit			kg		113											
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		3.4											
	Charge			TCO ₂ /Eq		7.1											
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					
Power supply	Name/Phase/Frequency/Voltage				Hz/V	V3/1~/50/230											
Current	Recommended fuses				A	40											
						W1/3N~/50/400											
						20											

(1) Cooling Ta 35 °C - LWE 18 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C) (2) Cooling Ta 35 °C - LWE 7 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 45 °C (DT = 5 °C). (3) Heating Ta DB -7 °C (RH85%) - LWC 35 °C (4) Heating Ta DB -7 °C (RH85%) - LWC 45 °C (5) Contains fluorinated greenhouse gases.

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Heating capacity	Nom.			kW		11.2 (1) / 10.3(2)	14.0 (1) / 13.1(2)	14.0 (1) / 13.1(2)	16.0 (1) / 15.2(2)	16.0 (1) / 13.1(2)	15.1 (1) / 11.7(2)	11.3 (1) / 11.0(2)	14.5 (1) / 13.6(2)	16.1 (1) / 12.6(2)	16.1 (1) / 13.1(2)								
Cooling capacity	Nom.			kW		13.9 (1) / 10.0(2)	17.3 (1) / 12.5(2)	17.3 (1) / 12.5(2)	17.8 (1) / 13.1(2)	17.8 (1) / 13.1(2)	15.1 (1) / 11.7(2)	11.3 (1) / 11.0(2)	14.5 (1) / 13.6(2)	16.1 (1) / 12.6(2)	16.1 (1) / 13.1(2)								
Power input	Heating	Nom.		kW		2.55 (1) / 3.17(2)	3.26 (1) / 4.04(2)	3.26 (1) / 4.04(2)	3.92 (1) / 4.75(2)	3.92 (1) / 4.75(2)	2.63 (1) / 3.24(2)	2.63 (1) / 3.24(2)	3.42 (1) / 4.21(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)	5.86 (1) / 5.69(2)	6.87 (1) / 5.95(2)	6.87 (1) / 5.95(2)	4.53 (1) / 4.31(2)	4.53 (1) / 4.31(2)	5.43 (1) / 5.08(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)	4.29 (1) / 3.24(2)	4.08 (1) / 3.20(2)	4.08 (1) / 3.20(2)	4.30 (1) / 3.39(2)	4.30 (1) / 3.39(2)	4.24 (1) / 3.22(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)	2.95 (1) / 2.32(2)	2.59 (1) / 2.20(2)	2.59 (1) / 2.20(2)	3.32 (1) / 2.72(2)	3.32 (1) / 2.72(2)	2.96 (1) / 2.47(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	2.82	2.92	2.90	2.90	2.90	2.86 / 2.80	2.86 / 2.80	2.96								
			η _s (Seasonal space heating efficiency)	%		112	110	114	113	111 / 109	115												
	Average climate water outlet 35 °C	General	SCOP			2.99	3.23	3.23	3.29	3.29	3.08	3.08	3.34	3.34	3.33								
			η _s (Seasonal space heating efficiency)	%		117	126	126	129	120	120	131	131	130	130								
						A		A+		A		A+											
 Domestic hot water heating	General	Declared load profile				L	XL	L	XL	L	XL	L	XL	L	XL	L	XL						
	Average climate	η _{wh} (water heating efficiency)			%	90.5	95.3	90.5	95.3	90.5	84.3	87.3	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	Height x Width x Depth		mm		1,732 x 600 x 728																	
Weight	Unit					119	128	130	120	130	120	119	128	130	120	130							
Tank	Water volume					180	260	180	260	180	260	180	260	180	260	180	260						
	Maximum water temperature					65																	
	Maximum water pressure					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		44.0								
Sound pressure level	Nom.					dBA	28.0		30.0		28.0		30.0		30.0								
Outdoor Unit				ERHQ-B		011BV3	011BV3	014BV3	014BV3	016BV3	016BV3	011BW1	011BW1	014BW1	014BW17	016BW1	016BW1						
Dimensions	Unit	Height x Width x Depth		mm		1,170 x 900 x 320						1,345 x 900 x 320											
Weight	Unit					102						108											
Compressor	Quantity					1																	
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						3.0											
	Charge					TCO ₂ /Eq						6.3											
Sound power level	Heating	Nom.		dBA		64						64											
	Cooling	Nom.		dBA		64		66		69		64		66		69							
	Heating	Nom.		dBA		49		51		53		50		51		52							
	Cooling	Nom.		dBA		50		52		54		50		52		54							
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1~/50/230						W1/3N~/50/400											
Current	Recommended fuses			A		32						20											

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

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Optimum efficiency offering full flexibility in heat emitters

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- › 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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



A⁺



A



311-W0065 → 78

Efficiency data				EHVZ + ERLQ-C	16S18CB3V + 011CV3	16S18CB3V + 014CV3	16S18CB3V + 016CV3	16S18CB3V + 011CW1	16S18CB3V + 014CW1	16S18CB3V + 016CW1
Heating capacity	Nom.			kW	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	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					4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.24(1) / 2.61(3) / 3.28(2) / 2.05(4)	4.22(1) / 2.61(3) / 3.23(2) / 2.07(4)	4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.24(1) / 2.61(3) / 3.28(2) / 2.05(7)	4.22(1) / 2.61(3) / 3.23(2) / 2.07(4)
 Space heating	Average climate water outlet 55 °C	General	SCOP	%	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	120	123	119	120	123	119
	Average climate water outlet 35 °C	General	SCOP	%	A+					
			ηs (Seasonal space heating efficiency)	%	-					
			Seasonal space heating eff. class		-					
Pump Additional Zone	Nominal ESP unit (*RLQ*°C*)	Heating		kPa	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	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		ηwh (water heating efficiency)	%	87.4					
	climate	Water heating energy efficiency class			A					
Indoor Unit				EHVZ	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V	16S18CB3V
Casing	Colour				White					
	Material				Precoated sheet metal					
Dimensions	Unit	Height x Width x Depth		mm	1,732 x 600 x 728					
Weight	Unit				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.				44					
Sound pressure level	Nom.				30					
Outdoor Unit				ERLQ-C	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	Height x Width x Depth		mm	1,345 x 900 x 320					
Weight	Unit				113			114		
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			3.4					
	Charge	TCO ₂ Eq			7.1					
Sound power level	Heating	Nom.	dBA		64	66	66	64	66	66
	Cooling	Nom.	dBA		64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA		51	51	52	51	51	52
	Cooling	Nom.	dBA		50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	40			20		

(1) Cooling: Ia 35 °C • IWB 18 °C (DI = 5 °C); Heating: Ia DB/WB 7 °C/6 °C • IWC 35 °C (DI = 5 °C) (2) Cooling: Ia 35 °C • IWB 7 °C (DI = 5 °C); heating: Ia DB/WB 7 °C/6 °C • IWC 45 °C (DI = 5 °C). (3) Heating: Ia DB-7 °C (R185%) • IWC 35 °C (4) Heating: Ia DB-7 °C (R185%) • IWC 45 °C (5) Contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



A+



A

55 °C

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	General	SCOP		2.86	2.82	2.92	2.90	2.86	2.96
	water outlet		η _{sp} (Seasonal space heating efficiency)	%	112	110	114	113	111	115
	55 °C		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	η _{wh} (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	Height x Width x Depth	mm		1,732 x 600 x 728					
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	Height x Width x Depth	mm		1,170 x 900 x 320			1,345 x 900 x 320		
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		TCO:Eq		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 - LWC 18 °C (DT - 5 °C); heating Ta DB/AB 7 °C/6 °C - LWC 35 °C (DT - 5 °C) (2) Cooling Ta 35 °C - LWC 7 °C (DT - 5 °C); heating Ta DB/AB 7 °C/6 °C - LWC 45 °C (DT - 5 °C); (3) Heating Ta DB -7 °C (RI 85%) - LWC 35 °C (4) Heating Ta DB -7 °C (RI 85%) - LWC 45 °C (5) Contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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- › Flexible configuration with respect to heat emitters
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data				EHVH + ERLQ-C		11S26CBV + 011CV3		16S26CBV + 014CV3		16S26CBV + 016CV3		11S26CBV + 011CW1		16S26CBV + 014CW1		16S26CBV + 016CW1					
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)					
Power input		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						4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)		4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)		4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)		4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)		4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)		4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)					
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _s (Seasonal space heating efficiency)	%	3.09		3.16		3.06		3.09		3.16		3.06					
			120						123		119		120		123		119				
	A+																				
	Average climate water outlet 35 °C	General	SCOP	η _s (Seasonal space heating efficiency)	%	3.98		3.90		3.80		3.98		3.90		3.80					
			156						153		149		156		153		149				
A++												A+		A++				A+			
 Domestic hot water heating	General	Declared load profile				XL															
		Average climate	η _{wh} (water heating efficiency)				97.7												97.7		
		Water heating energy efficiency class				A															
Indoor Unit						EHVH		11S26CBV		16S26CBV		16S26CBV		11S26CBV		16S26CBV		16S26CBV			
Casing		Colour				White															
		Material				Precoated sheet metal															
Dimensions		Unit		Height x Width x Depth		mm		1,732 x 600x 728													
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						ERLQ-C		011CV3		014CV3		016CV3		011CW1		014CW1		016CW1			
Dimensions		Unit		Height x Width x Depth		mm		1,345 x 900 x 320													
Weight		Unit				kg		113													
Compressor		Quantity						114													
		Type						1													
Operation range		Cooling		Min.~Max.		°CDB		Hermetically sealed scroll compressor													
		Domestic hot water		Min.~Max.		°CDB		10.0~46.0													
Refrigerant								-20 ~35													
		Type						R-410A													
		GWP						2,087.5													
		Charge				kg		3.4													
		Charge				TCO-Eq		71													
		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		51		52				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		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.

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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													
 Domestic hot water heating	General	Declared load profile		XL													
	Average climate	ηwh (water heating efficiency)	%	95.3													
	Water heating energy efficiency class			A													
Indoor Unit				EHVH		11S26CBV		16S26CBV		16S26CBV		11S26CBV		16S26CBV		16S26CBV	
Casing	Colour	White															
	Material	Precoated sheet metal															
Dimensions	Unit	Height x Width x Depth		mm	1,732 x 600 x 728												
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	Height x Width x Depth		mm	1,170 x 900 x 320												
Weight	Unit			kg	102												
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												
	Charge			TCO:Eq	5.6												
Sound power level	Heating	Nom.		dBA	64		66		69		64		66		69		
	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												
Current	Recommended fuses			A	32												
					20												

(1) Cooling Ta 35 °C - LWF 18 °C (DT = 5 °C); heating Ta DB/MB / °C/6 °C - LWC 35 °C (DT = 5 °C) (2) Cooling Ta 35 °C - LWF / °C (DT = 5 °C); heating Ta DB/MB / °C/6 °C - LWC 45 °C (DT = 5 °C).

(3) Contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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 S: www.klimamichaniki.gr

Daikin Altherma R F

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

- › Integrated indoor unit: pre-plumbed and pre-wired indoor unit for a simpler, hassle free and neater heating and hot water installation
- › 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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



011 TW0068 → 78



up to

A++



A

55 °C

R-410A

Efficiency data				EHVH + ERLQ-C	11SU26CB6W + 011CV3	16SU26CB6W + 014CV3	16SU26CB6W + 016CV3	11SU26CB6W + 011CW1	16SU26CB6W + 014CW1	16SU26CB6W + 016CW1
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)
Power input	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					4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)	4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)	4.60(1) / 2.75(3) / 3.55(2) / 2.10(4)	4.30(1) / 2.65(3) / 3.32(2) / 2.08(4)	4.25(1) / 2.64(3) / 3.26(2) / 2.09(4)
	Average climate water outlet 55 °C	General	SCOP	%	3.09	3.16	3.06	3.09	3.16	3.06
			ηs (Seasonal space heating efficiency)	%	120	123	119	120	123	119
	Average climate water outlet 35 °C	General	SCOP	%	3.98	3.90	3.80	3.98	3.90	3.80
			ηs (Seasonal space heating efficiency)	%	156	153	149	156	153	149
				Seasonal space heating eff. class	A++		A+	A++		A+
	General	Declared load profile			XL					
	Average climate	ηwh (water heating efficiency)			97.7					
	Water heating energy efficiency class			A						
Indoor Unit				EHVH	11SU26CB6W	16SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	16SU26CB6W
Casing	Colour					White				
	Material					Precoated sheet metal				
Dimensions	Unit	Height x Width x Depth	mm	1,732 x 600 x 728						
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.		dB(A)	42.0	44.0			42.0	44.0	
Sound pressure level	Nom.		dB(A)	28.0	30.0			28.0	30.0	
Outdoor Unit				ERLQ-C	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	Height x Width x Depth	mm	1,345 x 900 x 320						
Weight	Unit		kg	113		114				
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	3.4						
	Charge		TCO2Eq	7.1						
Sound power level	Heating	Nom.	dB(A)	64		66		64		66
	Cooling	Nom.	dB(A)	64	66	69	64	66	69	
Sound pressure level	Heating	Nom.	dB(A)	51		52		51		52
	Cooling	Nom.	dB(A)	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	40			20		

(1) Cooling Ta 35 °C • LWE 18 °C (DT = 5 °C); heating Ta DB/AB 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/AB 7 °C/6 °C • LWC 45 °C (DT = 5 °C). (3) Heating Ta DB ~7 °C (RH 85%) • LWC 35 °C (4) Heating Ta DB ~7 °C (RH 85%) • LWC 45 °C (5) Contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma R W

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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



011-1W0068 → 78

Efficiency data				EHBH + ERLQ-C	11CB3V/B9W + 011CV3		16CB3V/9W + 014CV3		16CB3V/9W + 016CV3		11CB3V/9W + 011CW1		16CB3V/9W + 014CW1		16CB3V/9W + 016CW1			
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)			
Power input	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					4.60 (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		3.09		3.16		3.06		3.09		3.16		3.06			
			ηs (Seasonal space heating efficiency)	%	120		123		119		120		123		119			
			Seasonal space heating eff. class		A+													
			Seasonal space heating eff. class		A+													
 Average climate water outlet 35 °C	General	SCOP		3.98		3.90		3.80		3.98		3.90		3.80				
		ηs (Seasonal space heating efficiency)	%	156		153		149		156		153		149				
		Seasonal space heating eff. class		A++				A+		A++				A+				
		Seasonal space heating eff. class		A++				A+		A++				A+				
Indoor Unit				EHBH	11CB3V/9W		16CB3V/9W		16CB3V/9W		11CB3V/9W		16CB3V/9W		16CB3V/9W			
Casing	Colour				White													
	Material				Precoated sheet metal													
Dimensions	Unit	Height x Width x Depth	mm		890 x 480 x 344													
Weight	Unit		kg		43.0	44.0	45.0	44.0	45.0	43.0	44.0	45.0	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				ERLQ-C	011CV3	011CV3	014CV3	014CV3	016CV3	016CV3	011CW1	011CW1	014CW1	014CW1	016CW1	016CW1		
Dimensions	Unit	Height x Width x Depth	mm		1,345 x 900 x 320													
Weight	Unit		kg		113													
Compressor	Quantity				1													
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		3.4													
	Charge		TCO ₂ Eq		7.1													
Sound power level	Heating	Nom.	dBA		64		66		66		64		66		66			
	Cooling	Nom.	dBA		64		66		69		64		66		69			
	Heating	Nom.	dBA		51		52		52		51		52		52			
	Cooling	Nom.	dBA		50		52		54		50		52		54			
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230						W1/3N~/50/400							
Current	Recommended fuses			A	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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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ideal for low energy houses

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- › Flexible configuration with respect to heat emitters
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- › Outdoor unit extracts heat from the outdoor air, even at -20 °C
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data				EHBH + ERHQ-B		11CB3V + 11CB9W 011BV3 + 011BV3		16CB3V + 16CB9W 014BV3 + 014BV3		16CB3V + 16CB9W 016BV3 + 016BV3		11CB3V + 11CB9W 011BW1 + 011BW1		16CB3V + 16CB9W + 014BW17 014BW17		16CB3V + 16CB9W + 016BW1 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	General	SCOP			2.86		2.82		2.92		2.90		2.86		2.96	
	water outlet		ns (Seasonal space heating efficiency)	%		112		110		114		113		111		115	
	55 °C		Seasonal space heating eff. class		A+												
	Average climate	General	SCOP			2.99		3.23		3.29		3.08		3.34		3.33	
	water outlet		ns (Seasonal space heating efficiency)	%		117		126		129		120		131		130	
	35 °C		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	Height x Width x Depth	mm			890 x 480 x 344											
Weight	Unit		kg			43.0		44.0		45.0		44.0		43.0		44.0	
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	Height x Width x Depth	mm			1,170 x 900 x 320						1,345 x 900 x 320					
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	TCO:Eq				5.6						6.3					
Sound power level	Heating	Nom.	dBA			64						64					
	Cooling	Nom.	dBA			64		66		69		64		66		69	
Sound pressure level	Heating	Nom.	dBA			49		51		53		51		52		52	
	Cooling	Nom.	dBA			50		52		54		50		52		54	
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1~/50/230						W1/3N~/50/400					
Current	Recommended fuses			A		32						20					

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

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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- › 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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



up to



Efficiency data				EHBX + ERLQ-C		11CB3V / 11CB9W + 011CV3		16CB3V / 16CB9W + 014CV3		16CB3V / 16CB9W + 016CV3		11CB3V / 11CB9W + 011CW1		16CB3V / 16CB9W + 014CW1		16CB3V / 16CB9W + 016CW1																		
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		Nom.		kW		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		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		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						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						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	%	3.09		3.16		3.06		3.09		3.16		3.06																		
				ηs (Seasonal space heating efficiency)		120		123		119		120		123		119																		
			Seasonal space heating eff. class	A+																														
		Average climate water outlet 35 °C	General	SCOP	%	3.98		3.90		3.80		3.98		3.90		3.80																		
	ηs (Seasonal space heating efficiency)			156		153		149		156		153		149																				
			Seasonal space heating eff. class	A++																														
					A+																													
Indoor Unit				EHBX		11CB3V/9W		16CB3V/9W		16CB3V/9W		11CB3V/9W		16CB3V/9W		16CB3V/9W																		
Casing		Colour	White																															
		Material																Precoated sheet metal																
Dimensions	Unit	Height x Width x Depth	mm	890 x 480 x 344																														
Weight	Unit			kg	45.0	44.0	46.0	44.0	46.0	43.0	45.0	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 5.00 ~22.0																													
Sound power level	Nom.			dBA	41.0	44.0	44.0	44.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0																		
Sound pressure level	Nom.			dBA	27.0	30.0	30.0	30.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0																	
Outdoor Unit				ERLQ-C		011CV3		014CV3		016CV3		011CW1		014CW1		016CW1																		
Dimensions	Unit	Height x Width x Depth		mm	1,345 x 900 x 320																													
Weight	Unit			kg	113																													
Compressor	Quantity				1																													
Operation range	Type	Hermetically sealed scroll compressor																																
	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	3.4																																
	Charge	7.1																																
	GWP	2,087.5																																
Sound power level	Heating	Nom.	dBA	64		66		66		64		66		66		66																		
	Cooling	Nom.	dBA	64		66		69		64		66		69		69																		
Sound pressure level	Heating	Nom.	dBA	51		52		52		51		52		52		52																		
	Cooling	Nom.	dBA	50		52		54		50		52		54		54																		
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230																													
Current	Recommended fuses			A	40																													

Daikin Altherma R W

Wall mounted **reversible** air to water heat pump
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- › 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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



Efficiency data				EBHX + 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					
			η _s (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					
		η _s (Seasonal space heating efficiency)	%	117		126		129		120		131		130						
		Seasonal space heating eff. class		A		A+				A			A+							
Indoor Unit					EBHX	11CB9W	11CB3V	16CB3V	16CB9W	16CB3V	11CB9W	11CB3V	16CB9W	16CB3V	16CB9W	16CB3V	16CB9W			
Casing	Colour				White															
	Material				Precoated sheet metal															
Dimensions	Unit	Height x Width x Depth		mm	890 x 480 x 344															
Weight	Unit				kg	45.0	43.0	44.0	46.0	44.0	45.0	43.0	46.0	44.0	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.		dB(A)	41.0			44.0		41.0			44.0							
Sound pressure level		Nom.		dB(A)	27.0			30.0		27.0			30.0							
Outdoor Unit					ERHQ-B	011BV3	014BV3	016BV3	011BW1	014BW17	016BW1									
Dimensions	Unit	Height x Width x Depth		mm	1,170 x 900 x 320						1,345 x 900 x 320									
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	TCO,Eq				5.6						6.3								
	GWP					2,087.5														
Sound power level	Heating	Nom.	dB(A)		64				66				64				66			
	Cooling	Nom.	dB(A)		64	66	69	64	66	69	64	66	69							
Sound pressure level	Heating	Nom.	dB(A)		49	51	53	51	52	52	51	52	52							
	Cooling	Nom.	dB(A)		50	52	54	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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma R W

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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



011-IW0068 → 78



Efficiency data				EHBH + ERLQ-C	11CBV + 011CV3	16CBV + 014CV3	16CBV + 016CV3	11CBV + 011CW1	16CBV + 014CW1	16CBV + 016CW1	
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)	
Power input	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					4.60(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	%	3.09	3.16	3.06	3.09	3.16	3.06	
			ηs (Seasonal space heating efficiency)	%	120	123	119	120	123	119	
	Average climate water outlet 35 °C	General	SCOP	ηs (Seasonal space heating efficiency)	%	A+					
						3.98	3.90	3.80	3.98	3.90	3.80
						156	153	149	156	153	149
						A++		A+		A+	
Indoor Unit				EHBH	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV	
Casing	Colour				White						
	Material				Precoated sheet metal						
Dimensions	Unit	Height x Width x Depth		mm	890 x 480 x 344						
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				ERLQ-C/ERLQ	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	Height x Width x Depth		mm	1,345 x 900 x 320						
Weight	Unit				kg	113				114	
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	3.4					
	Charge				TCO2Eq	7.1					
	Control				Expansion valve (electronic type)						
Sound power level	Heating	Nom.		dBA	64		66	64		66	
	Cooling	Nom.		dBA	64		66	64		66	
Sound pressure level	Heating	Nom.		dBA	51		52	51		52	
	Cooling	Nom.		dBA	50		52	50		54	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400			
Current	Recommended fuses			A	40			20			

Daikin Altherma R W

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
- › Daikin Residential controller (optional)
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump (optional)



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			
			rys (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			
			rys (Seasonal space heating efficiency)	%	117	126	129	120	131	130			
		Seasonal space heating eff. class	A										
					A	A+		A	A+				
Indoor Unit				EHBH	11CBV	16CBV	16CBV	11CBV	16CBV	16CBV			
Casing	Colour				White								
	Material				Precoated sheet metal								
Dimensions	Unit	Height x Width x Depth	mm		890 x 480 x 344								
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	Height x Width x Depth	mm		1,170 x 900 x 320			1,345 x 900 x 320					
Weight	Unit		kg		102			108					
Compressor	Quantity				1			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		TCO.Eq		5.6				6.3				
					Expansion valve (electronic type)								
Sound power level	Heating	Nom.	dBA		64	66	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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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