



EHVH-CB



ERLQ004-008CV3



ER(L/H)011-016CV3/BV3

- > Perfect fit for new built as well as for low energy houses
- > Best seasonal efficiencies, providing the highest savings on running costs
- > **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
- > Flexible configuration with respect to heat emitters
- > Outdoor unit extracts heat from the outdoor air, even at -25°C
- > Inverter controlled swing compressor

Space heating
Domestic hot water

down to
-25°C

Heating only

Indoor unit				EHVH04S18CB3V	EHVH08S18CB3V EHVH08S26CB9W	EHVH08S18CB3V EHVH08S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	
Casing	Colour	White										
	Material	Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728								
Weight	Unit			kg	115	116/126	116/126	120/129	120/129	120/129	120/129	120/129
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			-20~-35				
		Water side	Min.~Max.	°C	25~60							
Sound power level	Nom.			dBA	42			47				
Sound pressure level	Nom.			dBA	28			33				

Outdoor unit				ERLQ004CV3	ERLQ006CV3	ERLQ008CV3	ERLQ011CV3	ERLQ014CV3	ERLQ016CV3	ERLQ011CW1	ERLQ014CW1	ERLQ016CW1	
Heating capacity	Min.			1.80 (1) / 1.80 (2)									
	Nom.			4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.20 (1) / 10.98 (2)	14.50 (1) / 13.60 (2)	16.00 (1) / 15.20 (2)	11.38	14.55	16.10	
	Max.			5.12 (1) / 4.90 (2)	8.35 (1) / 7.95 (2)	10.02 (1) / 9.35 (2)	8.81 (3) / 8.16 (4)	11.65 (3) / 10.96 (4)	12.30 (3) / 11.35 (4)	-			
Power input	Heating	Nom.			0.87 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.56 (1) / 3.19 (2)	3.42 (1) / 4.13 (2)	3.81 (1) / 4.66 (2)	2.64	3.43	16.10
		Max.			-			3.52 (3) / 4.14 (4)	4.95 (3) / 5.66 (4)	5.49 (3) / 6.43 (4)	-		
COP				5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.38 (1) / 2.50 (3) / 3.44 (2) / 1.97 (4)	4.24 (1) / 2.35 (3) / 3.29 (2) / 1.94 (4)	4.20 (1) / 2.24 (3) / 3.26 (2) / 1.79 (4)	4.31	4.24	4.20	
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit			kg	54	56		113			114		
Operation range	Heating	Min.~Max.			-25~-25			-25~-35					
	Domestic hot water	Min.~Max.			-25~-35			-20~-35					
Refrigerant	Type	R-410A											
	Charge			kg	1.45	1.60		3.4					
Sound power level	Heating	Nom.			dBA	61		62	64	66	64	66	
Sound pressure level	Heating	Nom.			dBA	48		49	51	52	51	52	
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1~/50/230						W1/3N~/50/400	
Current	Recommended fuses			A		20			40			20	

(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) Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C (4) Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C

EHVH-CB / ERHQ-BV3/BW1



**down to
-20°C**

Heating only

Indoor unit				EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W	EHVH16S18CB3V EHVH16S26CB9W
Casing	Colour	White							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728					
Weight	Unit			kg	120/129	120/129	120/129	120/129	120/129
Operation range	Heating	Ambient	Min.~Max.	°C	-25~35				
		Water side	Min.~Max.	°C	15~55				
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~35				
		Water side	Min.~Max.	°C	25~60				
Sound power level	Nom.			dBA	47				
Sound pressure level	Nom.			dBA	33				

Outdoor unit				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1		
Heating capacity	Nom.			kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.32 (1) / 10.98 (2)	14.50 (1) / 13.57 (2)	16.05 (1) / 15.11 (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)
Dimensions	Unit	HeightxWidthxDepth	mm		1,170x900x320			1,345x900x320			
Weight	Unit			kg	103			108			
Operation range	Heating	Min.~Max.			°CWB	-20~35					
	Domestic hot water	Min.~Max.			°CDB	-20~35					
Refrigerant	Type			R-410A							
	Charge			kg	2.7			2.95			
Sound power level	Heating	Nom.			dBA	64		64		66	
Sound pressure level	Heating	Nom.			dBA	49	51	53	51	52	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400			
Current	Recommended fuses			A	32			20			

(1) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) - (2) DB/WB 7°C/6°C - LWC 45°C (DT=5°C)

EHVX-CB / ERLQ-CV3/CW1



EHVX-CB



ERLQ004-008CV3



ER(L/H)Q011-016CV3/BV3

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- > Inverter controlled swing compressor

Space heating
and cooling
Domestic hot
water

down to
-25°C

Heating & Cooling

Indoor unit				EHVX04S18CB3V	EHVX08S18CB3V	EHVX08S18CB3V	EHVX16S18CB3V	EHVX16S18CB3V	EHVX16S18CB3V	EHVX16S18CB3V	EHVX16S18CB3V	EHVX16S18CB3V
				EHVX08S26CB9W	EHVX08S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W	EHVX16S26CB9W
Casing	Colour	White										
	Material	Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728								
Weight	Unit			kg	115	117/126	117/126	121/129	121/129	121/129	121/129	121/129
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25			-25~35			-25~35	
		Water side	Min.~Max.	°C	15~55			15~55			15~55	
	Cooling	Ambient	Min.~Max.	°CDB	10~43			10~46				
		Water side	Min.~Max.	°C	5~22							
Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35			-20~35					
	Water side	Min.~Max.	°C				25~60					
Sound power level	Nom.			dBA	42			47			47	
Sound pressure level	Nom.			dBA	28			33				

Outdoor unit				ERLQ004CV3	ERLQ006CV3	ERLQ008CV3	ERLQ011CV3	ERLQ014CV3	ERLQ016CV3	ERLQ011CW1	ERLQ014CW1	ERLQ016CW1
Heating capacity	Min.			1.80 (1) / 1.80 (2)								
	Nom.			4.40 (1) / 4.03 (2) 6.00 (1) / 5.67 (2) 7.40 (1) / 6.89 (2) 11.20 (1) / 10.98 (2) 14.50 (1) / 13.60 (2) 16.00 (1) / 15.20 (2) 11.38 14.55 16.10								
	Max.			5.12 (1) / 4.90 (2) 8.35 (1) / 7.95 (2) 10.02 (1) / 9.53 (2) 8.81 (3) / 8.16 (4) 11.65 (3) / 10.96 (4) 12.30 (3) / 11.35 (4) -								
Cooling capacity	Min.			2.00 (1) / 2.00 (2) 2.50 (1) / 2.50 (2) -								
	Nom.			5.00 (1) / 4.17 (2) 6.76 (1) / 4.84 (2) 6.86 (1) / 5.36 (2) 15.05 (1) / 11.72 (2) 16.06 (1) / 12.55 (2) 16.76 (1) / 13.12 (2) 11.72 12.55 13.12								
	Max.			0.87 (1) / 1.13 (2) 1.27 (1) / 1.59 (2) 1.66 (1) / 2.01 (2) 2.56 (1) / 3.19 (2) 3.42 (1) / 4.13 (2) 3.81 (1) / 4.66 (2) 2.64 3.43 3.83								
Power input	Heating	Nom.			0.87 (1) / 1.13 (2) 1.27 (1) / 1.59 (2) 1.66 (1) / 2.01 (2) 2.56 (1) / 3.19 (2) 3.42 (1) / 4.13 (2) 3.81 (1) / 4.66 (2) 2.64 3.43 3.83							
		Max.			- - - 3.52 (3) / 4.14 (4) 4.95 (3) / 5.66 (4) 5.49 (3) / 6.34 (4) -							
	Cooling	Nom.			1.48 (1) / 1.80 (2) 1.96 (1) / 2.07 (2) 2.01 (1) / 2.34 (2) 4.53 (1) / 4.31 (2) 5.43 (1) / 5.08 (2) 5.16 (1) / 5.73 (2) 4.31 5.09 5.74							
COP					5.04 (1) / 3.58 (2) 4.74 (1) / 3.56 (2) 4.45 (1) / 3.42 (2) 4.38 (1) / 2.50 (3) / 3.44 (2) / 1.97 (4) 4.24 (1) / 2.35 (3) / 3.29 (2) / 1.94 (4) 4.20 (1) / 2.24 (3) / 3.26 (2) / 1.79 (4) 4.31 4.24 4.20							
EER					3.37 (1) / 2.32 (2) 3.45 (1) / 2.34 (2) 3.42 (1) / 2.29 (2) 3.32 (1) / 2.72 (2) 2.96 (1) / 2.47 (2) 2.72 (1) / 2.29 (2) 2.72 2.47 2.29							
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307				1,345x900x320				
Weight	Unit			kg	54 56		113		114			
Operation range	Heating	Min.~Max.			°CWB -25~25							
		Min.~Max.			°CDB 10~43							
	Domestic hot water	Min.~Max.			°CDB -25~35							
Refrigerant	Type	R-410A										
	Charge			kg	1.45 1.60		3.4					
Sound power level	Heating	Nom.			61 62		64		66		64 66	
	Cooling	Nom.			63		64		66		64 66	
Sound pressure level	Heating	Nom.			48 (3)		49 (3)		51		52	
	Cooling	Nom.			48 (3)		49 (3)		50 (3)		50 52	
Power supply	Name/Phase/Frequency/Voltage				Hz/V V3/1~/50/230						W1/3N~/50/400	
Current	Recommended fuses				A 20						40 20	

(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) Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C (4) Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C

EHVX-CB / ERHQ-BV3/BW1



**down to
-20°C**

Heating & Cooling

Indoor unit				EHVX16S18CB3V EHVX16S26CB9W	EHVX16S18CB3V EHVX16S26CB9W	EHVX16S18CB3V EHVX16S26CB9W	EHVX16S18CB3V EHVX16S26CB9W	EHVX16S18CB3V EHVX16S26CB9W	EHVX16S18CB3V EHVX16S26CB9W	
Casing	Colour	White								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728						
Weight	Unit		kg	121/129	121/129	121/129	121/129	121/129	121/129	
Operation range	Heating	Ambient	Min.~Max.	°C						
		Water side	Min.~Max.	°C						
	Cooling	Ambient	Min.~Max.	°CDB						
		Water side	Min.~Max.	°C						
	Domestic hot water	Ambient	Min.~Max.	°CDB						
		Water side	Min.~Max.	°C						
Sound power level	Nom.		dBA	47						
Sound pressure level	Nom.		dBA	33						
Outdoor unit				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1	
Heating capacity	Nom.		kW	11.2 (1) / 10.30 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.32 (1) / 10.98 (2)	14.50 (1) / 13.57 (2)	16.05 (1) / 15.11 (2)	
Cooling capacity	Nom.		kW	13.9 (1) / 10.0 (2)	17.3 (1) / 12.5 (2)	17.8 (1) / 13.1 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (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) / 5.39 (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)	
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320				1,345x900x320		
Weight	Unit		kg	103				108		
Operation range	Heating	Min.~Max.	°CWB	-20~35				-25~35		
	Cooling	Min.~Max.	°CDB					10~46		
	Domestic hot water	Min.~Max.	°CDB					-20~35		
Refrigerant	Type	R-410A								
	Charge		kg	2.7				2.95		
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	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) DB/ WB 7°C/6°C - LWC 35°C (DT=5°C) - (2) DB/ WB 7°C/6°C - LWC 45°C (DT=5°C)