

Technical specifications

➔ 1. DAIKIN ALTHERMA LOW TEMPERATURE

HEATING ONLY



INVERTER

INDOOR UNIT				EHVH04S18C3V	EHVH08S18C3V	EHVH08S26C9W	EHVH16S18C3V	EHVH16S26C9W	
Casing	Colour				White			White	
	Material				Precoated sheet metal			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728			1,732x600x728		
Weight	Unit			kg	115	116	126	120	129
Operation range	Heating	Ambient	Min.~Max.	°C	-25~25			-25~25	-25~35
		Water side	Min.~Max.	°C	15~55			15~55	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~35			-20~35	
		Water side	Min.~Max.	°C	25~60			25~60	
Sound power level	Nom.			dBA	42			47	47
Sound pressure level	Nom.			dBA	28			33	

OUTDOOR UNIT				ERLQ004CV3	ERLQ006CV3	ERLQ008CV3	ERLQ011CV3/CW1	ERLQ014CV3/CW1	ERLQ016CV3/CW1		
Heating capacity	Min.			kW	1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²				
	Nom.			kW	4.40 ¹ / 4.03 ²	6.00 ¹ / 5.67 ²	7.40 ¹ / 6.89 ²	11.38	14.55	16.10	
	Max.			kW	5.12 ¹ / 4.90 ²	8.35 ¹ / 7.95 ²	10.02 ¹ / 9.35 ²				
Power input	Heating	Nom.			kW	0.87 ¹ / 1.13 ²	1.27 ¹ / 1.59 ²	1.66 ¹ / 2.01 ²	2.64	3.43	3.83
COP						5.04 ¹ / 3.58 ²	4.74 ¹ / 3.56 ²	4.45 ¹ / 3.42 ²	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.			°CWB	-25~25			-25~35		
	Domestic hot water	Min.~Max.			°CDB	-25~35			-20~35		
Refrigerant	Type				R-410A			R-410A			
	Charge			kg	1.45	1.60		3.4			
Sound power level	Heating	Nom.			dBA	61	62	64	66		
Sound pressure level	Heating	Nom.			dBA	48	49	51	52		
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			V3/1~/50/230 // W1/3N~/50/400			
Current	Recommended fuses			A	20			40/20			

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

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

HEATING ONLY



INVERTER

INDOOR UNIT				EHVH16S18C3V	EHVH16S26C9W	EHVH16S18C3V	EHVH16S26C9W		
Casing	Colour				White			White	
	Material				Precoated sheet metal			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728			1,732x600x728		
Weight	Unit			kg	120	129		120	129
Operation range	Heating	Ambient	Min.~Max.	°C	-25~35			-25~35	
		Water side	Min.~Max.	°C	15~55			15~55	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~35			-20~35	
		Water side	Min.~Max.	°C	25~60			25~60	
Sound power level	Nom.			dBA	47			47	
Sound pressure level	Nom.			dBA	33			33	

OUTDOOR UNIT				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1		
Heating capacity	Nom.			kW	11.2	14.0	16.0	11.32	14.50	16.05	
Power input	Heating	Nom.			kW	2.55	3.26	3.92	2.63	3.42	3.82
COP						4.39	4.29	4.08	4.30	4.24	4.20
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320			1,345x900x320				
Weight	Unit			kg	103			108			
Operation range	Heating	Min.~Max.			°CWB	-20~35			-20~35		
	Domestic hot water	Min.~Max.			°CDB	-20~43			-20~43		
Refrigerant	Type				R-410A			R-410A			
	Charge			kg	3.7			2.95			
Sound power level	Heating	Nom.			dBA	49			51	53	
Sound pressure level	Heating	Nom.			dBA	49			51	52	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			W1/3N~/50/400			
Current	Recommended fuses			A	32			20			

HEATING & COOLING



INDOOR UNIT				EHVX04S18C3V	EHVX08S18C3V	EHVX08S26C9W	EHVX16S18C3V	EHVX16S26C9W		
Casing	Colour	White								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728			1,732x600x728			
Weight	Unit	kg								
Operation range	Heating	Ambient	Min.~Max.	°C		115	117	126	121	129
		Water side	Min.~Max.	°C		-25~25	-25~25	-25~25	-25~25	-25~25
	Cooling	Ambient	Min.~Max.	°CDB		15~55	15~55	15~55	15~55	15~55
		Water side	Min.~Max.	°C		10~43	10~43	10~46	10~46	10~46
	Domestic hot water	Ambient	Min.~Max.	°CDB		5~22	5~22	5~22	5~22	5~22
		Water side	Min.~Max.	°C		-25~35	-25~35	-20~35	-20~35	-20~35
Sound power level	Nom.	dBA								
Sound pressure level	Nom.	dBA								

OUTDOOR UNIT				ERLQ004CV3	ERLQ006CV3	ERLQ008CV3	ERLQ011CV3/CW1	ERLQ014CV3/CW1	ERLQ016CV3/CW1
Heating capacity	Min.	kW		1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²	-		
	Nom.	kW		4.40 ¹ / 4.03 ²	6.00 ¹ / 5.67 ²	7.40 ¹ / 6.89 ^{2W}	11.38	14.55	16.10
	Max.	kW		5.12 ¹ / 4.90 ²	8.35 ¹ / 7.95 ²	10.02 ¹ / 9.53 ²	-		
Cooling capacity	Min.	kW		2.00 ¹ / 2.00 ²	2.50 ¹ / 2.50 ²	2.50 ¹ / 2.50 ²	-		
	Nom.	kW		5.00 ¹ / 4.17 ²	6.76 ¹ / 4.84 ²	6.86 ¹ / 5.36 ²	11.72	12.55	13.12
Power input	Heating	Nom.	kW	0.87 ¹ / 1.13 ²	1.27 ¹ / 1.59 ²	1.66 ¹ / 2.01 ²	2.64	3.43	3.83
	Cooling	Nom.	kW	1.48 ¹ / 1.80 ²	1.96 ¹ / 2.07 ²	2.01 ¹ / 2.34 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	4.31	4.24	4.20
EER				3.37 ¹ / 2.32 ²	3.45 ¹ / 2.34 ²	3.42 ¹ / 2.29 ²	2.72	2.47	2.29
Dimensions	Unit	HeightxWidthxDepth	mm	735x832x307			1,345x900x320		
Weight	Unit	kg							
Operation range	Heating	Min.~Max.		°CWB		-25~25	-25~35		
	Cooling	Min.~Max.		°CDB		10~43	10~46		
	Domestic hot water	Min.~Max.		°CDB		-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
	Cooling	Nom.	dBA	63		64	66		69
Sound pressure level	Heating	Nom.	dBA	48		49	51		52
	Cooling	Nom.	dBA	48	49	50	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V			V3/1~/50/230		
Current	Recommended fuses			A			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)



INVERTER

HEATING & COOLING



INDOOR UNIT				EHVX16S18C3V	EHVX16S26C9W	EHVX16S18C3V	EHVX16S26C9W		
Casing	Colour	White							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728		1,732x600x728			
Weight	Unit	kg							
Operation range	Heating	Ambient	Min.~Max.	°C		121	129	121	129
		Water side	Min.~Max.	°C		-25~35	-25~35	-25~35	-25~35
	Cooling	Ambient	Min.~Max.	°CDB		15~55	15~55	15~55	15~55
		Water side	Min.~Max.	°C		10~46	10~46	10~46	10~46
	Domestic hot water	Ambient	Min.~Max.	°CDB		5~22	5~22	5~22	5~22
		Water side	Min.~Max.	°C		-20~35	-20~35	-20~35	-20~35
Sound power level	Nom.	dBA							
Sound pressure level	Nom.	dBA							

OUTDOOR UNIT				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1
Heating capacity	Nom.	kW		11.2	14.0	16.0	11.32	14.50	16.05
Cooling capacity	Nom.	kW		10.0	12.5	13.1	11.72	12.55	13.12
Power input	Heating	Nom.	kW	2.55	3.26	3.92	2.63	3.42	3.82
	Cooling	Nom.	kW	3.69	5.38	6.04	4.31	5.09	5.74
COP				4.39	4.29	4.08	4.30	4.24	4.20
EER				2.71	2.32	2.17	2.72	2.47	2.29
Dimensions	Unit	HeightxWidthxDepth	mm	1,170x900x320			1,345x900x320		
Weight	Unit	kg							
Operation range	Heating	Min.~Max.		°CWB		-20~35	-20~35		
	Cooling	Min.~Max.		°CDB		-	10~46		
	Domestic hot water	Min.~Max.		°CDB		-20~43	-20~43		
Refrigerant	Type	R-410A							
	Charge	kg		3.7			2.95		
Sound power level	Heating	Nom.	dBA	-		64	66		66
	Cooling	Nom.	dBA	-		64	66		69
Sound pressure level	Heating	Nom.	dBA	49	51	53	51		52
	Cooling	Nom.	dBA	-		50	52		54
Power supply	Name/Phase/Frequency/Voltage			Hz/V			V3/1~/50/230		
Current	Recommended fuses			A			20		



INVERTER

HEATING ONLY



INDOOR UNIT				EHBH04C3V	EHBH08C3V	EHBH08C9W	EHBH16C3V	EHBH16C9W	
Casing	Colour	White							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxD	Depth	mm					
				890x480x344			890x480x344		
Weight	Unit	kg							
Operation range	Heating	Ambient	Min.~Max.	°C		-25~25		-25~35	
		Water side	Min.~Max.	°C		15~55		15~55	
	Domestic hot water	Ambient	Min.~Max.	°CDB		-25~35		-20~35	
		Water side	Min.~Max.	°C		25~80		25~80	
Sound power level	Nom.	dBA							
Sound pressure level	Nom.	dBA							

OUTDOOR UNIT				ERLQ004CV3	ERLQ006CV3	ERLQ008CV3	ERLQ011CV3/CW1	ERLQ014CV3/CW1	ERLQ016CV3/CW1		
Heating capacity	Min.	kW		1.80 ¹ / 1.80 ²		1.80 ¹ / 1.80 ²		-			
	Nom.	kW		4.40 ¹ / 4.03 ²		6.00 ¹ / 5.67 ²		11.38			
	Max.	kW		5.12 ¹ / 4.90 ²		8.35 ¹ / 7.95 ²		10.02 ¹ / 9.35 ²			
Power input	Heating	Nom.	kW		0.87 ¹ / 1.13 ²		1.27 ¹ / 1.59 ²		1.66 ¹ / 2.01 ²		
COP				5.04 ¹ / 3.58 ²		4.74 ¹ / 3.56 ²		4.45 ¹ / 3.42 ²		4.31	
Dimensions	Unit	HeightxWidthxD	Depth		mm						
				735x832x307			1,345x900x320				
Weight	Unit	kg									
Operation range	Heating	Min.~Max.	°CWB		-25~25		-25~35				
	Domestic hot water	Min.~Max.	°CDB		-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		
Sound pressure level	Heating	Nom.	dBA		48		49		51		
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1~/50/230		V3/1~/50/230// W1/3N~/50/400			
Current	Recommended fuses			A		20		40/20			

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

HEATING ONLY



INDOOR UNIT				EHBH16C3V	EHBH16C9W	EHBH16C3V	EHBH16C9W		
Casing	Colour	White							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxD	Depth		mm				
				890x480x344			890x480x344		
Weight	Unit	kg							
Operation range	Heating	Ambient	Min.~Max.	°C		-25~35		-25~35	
		Water side	Min.~Max.	°C		15~55		15~55	
	Domestic hot water	Ambient	Min.~Max.	°CDB		-20~35		-20~35	
		Water side	Min.~Max.	°C		25~80		25~80	
Sound power level	Nom.	dBA							
Sound pressure level	Nom.	dBA							

OUTDOOR UNIT				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1		
Heating capacity	Nom.	kW		11.2		14.0		16.0			
Power input	Heating	Nom.	kW		2.55		3.26		3.92		
COP				4.39		4.29		4.08		4.30	
Dimensions	Unit	HeightxWidthxD	Depth		mm						
				1,170x900x320			1,345x900x320				
Weight	Unit	kg									
Operation range	Heating	Min.~Max.	°CWB		-20~35		-20~35				
	Domestic hot water	Min.~Max.	°CDB		-20~43		-20~43				
Refrigerant	Type	R-410A									
	Charge	kg		3.7		2.95					
Sound power level	Heating	Nom.	dBA		-		64		66		
Sound pressure level	Heating	Nom.	dBA		49		51		53		
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1~/50/230		W1/3N~/50/400			
Current	Recommended fuses			A		32		20			



HEATING & COOLING



INDOOR UNIT				EHBX04C3V	EHBX08C3V	EHBX08C9W	EHBX16C3V	EHBX16C9W	
Casing	Colour			White				White	
	Material			Precoated sheet metal				Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		890x480x344				890x480x344	
Weight	Unit			44	46	48	45	48	
Operation range	Heating	Ambient	Min.~Max.	-25~25				-25~35	
		Water side	Min.~Max.	15~55				15~55	
	Cooling	Ambient	Min.~Max.	10~43				10~46	
		Water side	Min.~Max.	5~22				5~22	
	Domestic hot water	Ambient	Min.~Max.	-25~35				-20~35	
		Water side	Min.~Max.	25~80				25~80	
Sound power level	Nom.			40				47	
Sound pressure level	Nom.			26				33	

OUTDOOR UNIT				ERLQ004CV3/CW1	ERLQ006CV3/CW1	ERLQ008CV3/CW1	ERLQ011CV3/CW1	ERLQ014CV3/CW1	ERLQ016CV3/CW1
Heating capacity	Min.	kW		1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²	1.80 ¹ / 1.80 ²	-		
	Nom.	kW		4.40 ¹ / 4.03 ²	6.00 ¹ / 5.67 ²	7.40 ¹ / 6.89 ²	11.38	14.55	16.10
	Max.	kW		5.12 ¹ / 4.90 ²	8.35 ¹ / 7.95 ²	10.02 ¹ / 9.53 ²	-		
Cooling capacity	Min.	kW		2.00 ¹ / 2.00 ²	2.50 ¹ / 2.50 ²	2.50 ¹ / 2.50 ²	-		
	Nom.	kW		5.00 ¹ / 4.17 ²	6.76 ¹ / 4.84 ²	6.86 ¹ / 5.3 ²	11.72	12.55	13.12
Power input	Heating	Nom.	kW	0.87 ¹ / 1.13 ²	1.27 ¹ / 1.59 ²	1.66 ¹ / 2.01 ²	2.64	3.43	3.83
	Cooling	Nom.	kW	1.48 ¹ / 1.80 ²	1.96 ¹ / 2.07 ²	2.01 ¹ / 2.34 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	4.31	4.24	4.20
EER				3.37 ¹ / 2.32 ²	3.45 ¹ / 2.34 ²	3.42 ¹ / 2.29 ²	2.72	2.47	2.29
Dimensions	Unit	HeightxWidthxDepth		735x832x307				1,345x900x320	
Weight	Unit			54	56		113 / 114		
Operation range	Heating	Min.~Max.		-25~25				-25~35	
	Cooling	Min.~Max.		10~43				10~46	
	Domestic hot water	Min.~Max.		-25~35				-20~35	
Refrigerant	Type				R-410A			R-410A	
	Charge	kg		1.45	1.60		3.4		
Sound power level	Heating	Nom.	dBA	61		62	64		66
	Cooling	Nom.	dBA	63			64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	51		52
	Cooling	Nom.	dBA	48		49	50	52	54
Power supply	Name/Phase/Frequency/Voltage			V3/1~/50/230			V3/1~/50/230 // W1/3N~/50/400		
Current	Recommended fuses			20			40/20		

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



INVERTER

HEATING & COOLING



INDOOR UNIT				EHBX16C3V	EHBX16C9W	EHBX16C3V	EHBX16C9W
Casing	Colour			White			
	Material			Precoated sheet metal			
Dimensions	Unit	HeightxWidthxDepth		890x480x344			
Weight	Unit			45	48	45	48
Operation range	Heating	Ambient	Min.~Max.	-25~35			
		Water side	Min.~Max.	15~55			
	Cooling	Ambient	Min.~Max.	10~46			
		Water side	Min.~Max.	5~22			
	Domestic hot water	Ambient	Min.~Max.	-20~35			
		Water side	Min.~Max.	25~80			
Sound power level	Nom.			47			
Sound pressure level	Nom.			33			

OUTDOOR UNIT				ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1
Heating capacity	Nom.		kW	11.2	14.0	16.0	11.32	14.50	16.05
Cooling capacity	Nom.		kW	10.0	12.5	13.1	11.72	12.55	13.12
Power input	Heating	Nom.	kW	2.55	3.26	3.92	2.63	3.42	3.82
	Cooling	Nom.	kW	3.69	5.38	6.04	4.31	5.09	5.74
COP				4.39	4.29	4.08	4.30	4.24	4.20
EER				2.71	2.32	2.17	2.72	2.47	2.29
Dimensions	Unit	HeightxWidthxDepth		1,170x900x320				1,345x900x320	
Weight	Unit			103				108	
Operation range	Heating	Min.~Max.		-20~35				-20~35	
	Cooling	Min.~Max.		-				10~46	
	Domestic hot water	Min.~Max.		-20~43				-20~43	
Refrigerant	Type				R-410A			R-410A	
	Charge	kg		3.7			2.95		
Sound power level	Heating	Nom.	dBA	-				64	
	Cooling	Nom.	dBA	-			64	66	69
Sound pressure level	Heating	Nom.	dBA	49	51	53	51	52	
	Cooling	Nom.	dBA	-			50	52	54
Power supply	Name/Phase/Frequency/Voltage			V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			32			20		



INVERTER

DOMESTIC HOT WATER TANK



STAINLESS STEEL DOMESTIC HOT WATER TANK				EKHS150B3V3	EKHS200B3V3	EKHS300B3V3	EKHS200B3Z2	EKHS300B3Z2
Casing	Colour	Neutral white						
	Material	Epoxy-coated mild steel						
Weight	Unit	Empty	kg	37	45	59	45	59
	Water volume			l	150	200	300	200
Tank	Material	Stainless steel (DIN 1.4521)						
	Maximum water temperature	°C		85				
Heat exchanger	Quantity	1						
	Tube material	Duplex steel LDX 2101						
Booster heater	Capacity	kW		3				
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230			2~/50/400	

ENAMELED STEEL DOMESTIC HOT WATER TANK				EKHE150A3V3	EKHE200A3V3	EKHE300A3V3	EKHE200A3Z2	EKHE300A3Z2
Casing	Colour	RAL9010						
	Material	Epoxy coated steel						
Weight	Unit	Empty	kg	80	104	140	104	140
	Water volume			l	150	200	300	200
Tank	Material	Enamel coated steel acc.DIN4753TL2						
	Maximum water temperature	°C		75				
Booster heater	Capacity	kW		3.0				
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230			2~/50/400	

ROOM THERMOSTAT



WIRED ROOM THERMOSTAT				EKRTWA
Dimensions	Unit	Height/Width/Depth	mm	87/125/34
Weight	Unit		g	215
Outdoor temperature	Storage	Min./Max.	°C	-20/60
	Operation	Min./Max.	°C	0/50
Temperature setting range	Heating	Min./Max.	°C	4/37
	Cooling	Min./Max.	°C	4/37
Clock				Yes
Regulation function				Proportional band
Power supply	Voltage	V		Battery powered 3* AA-LR6 (alkaline)
Connection	Type		Wired	

WIRELESS ROOM THERMOSTAT				EKRTR1	
Dimensions	Thermostat	Height/Width/Depth	mm	87/125/34	
	Receiver	Height/Width/Depth	mm	170/50/28	
Weight	Thermostat	g		210	
	Receiver	g		125	
Outside temperature	Storage	Min./Max.	°C	-20/60	
	Operation	Min./Max.	°C	0/50	
Temperature setting range	Heating	Min./Max.	°C	4/37	
	Cooling	Min./Max.	°C	4/37	
Clock				Yes	
Regulation function				Proportional band	
Power supply	Thermostat	Voltage	V	Battery powered 3x AA-LRG (alkaline)	
	Receiver	Voltage	V		
	Frequency	Hz			50
	Phase				1~
Connection	Thermostat	Wireless			
	Receiver	Wired			
Maximum distance to receiver	Indoor	m		approx.30m	
	Outdoor	m		approx.100m	

SOLAR CONNECTION



SOLAR CONNECTION				EKSOLHWAV1
Dimensions	Unit	HeightxWidthxDepth	mm	770x305x270
Weight	Unit		kg	8
Operation range	Outdoor temperature	Min.~Max.	°C	1~35
Sound pressure level	Nom.		dB(A)	27
Thermal performance	Zero loss collector efficiency η_0		%	-
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240
Power supply intake				Indoor unit

ACCESSORY				EKSR3PA
Mounting				On wall
Dimensions	Unit	HeightxWidthxDepth	mm	332x230x145
Thermal performance	Zero loss collector efficiency η_0		%	-
Control	Type			Digital temperature difference controller with plain text display
	Power consumption		W	2
Sensor	Solar panel temperature sensor			Pt1000
	Storage tank sensor			PTC
	Return flow sensor			PTC
	Feed temperature and flow sensor			Voltage signal (3.5V DC)
Power supply	Frequency/Voltage		Hz / V	50/230

SOLAR COLLECTOR



SOLAR COLLECTOR				EKS26P	EKSH26P
Dimensions	Unit	HeightxWidthxDepth	mm	2,000x1,300x85	1,300x2,000x85
Weight	Unit		kg	43	
Volume			l	1.7	2.1
Surface	Outer		m ²	2.601	
	Aperture		m ²	2.364	
	Absorber		m ²	2.354	
Coating				Micro-therm (absorption max.96%, Emission ca. 5% +/-2%)	
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate	
Glazing				Single pane safety glass, transmission +/- 92%	
Allowed roof angle	Min.~Max.		°	15~80	
Operating pressure	Max.		bar	6	
Stand still temperature	Max.		°C	200	
Thermal performance	Zero loss collector efficiency η_0		%	78.7	
	Heat loss coefficient a1		W/m ² .K	4.270	
	Temperature dependence of the heat loss coefficient a2		W/m ² .K ²	0.0070	
	Thermal capacity		kJ/K	6.5	
Incident angle modifier	AM at 50°			0.94	
Installed position				Vertical	Horizontal

HEAT PUMP CONVECTOR



INDOOR UNITS				FWXV20AVEB	FWXV15AVEB
Heating capacity	Total capacity	Nom.	kW	2.0	1.5
Cooling capacity	Total capacity	Nom.	kW	1.7	1.2
	Sensible capacity	Nom.	kW	1.4	0.98
Power input	Heating	Nom.	kW	0.015	0.013
	Cooling	Nom.	kW	0.015	0.013
Dimensions	Unit	Height/Width/Depth	mm	600/700/210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet/Outlet		mm/ inch	18/G 1/2/G 1/2	
Sound pressure level	Heating	Nom.	dB(A)	29	19
	Cooling	Nom.	dB(A)	29	19
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

(1)Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K.(2)Heating: room temperature 20°CDB and entering water temperature 45°C, water temperature drop 5K.