KIREIA Evo

WALL

SRK 15~50 ZTL-W

<INCLUDED>

<ALLERGEN CLEAR FILTER>

<REMOTE CONTROL INCLUDED>

SRC 15 ZTL-W
SRC 20 ZTL-W
SRC 25 ZTL-W
SRC 35 ZTL-W
SRC 50 ZTL-W

*the "weekly timer" function can only be used from the WF-RAC application

Indoor unit model			SRK 15 ZTL-W	SRK 20 ZTL-W	SRK 25 ZTL-W	SRK 35 ZTL-W	SRK 50 ZTL-W
Outdoor unit model			SRC 15 ZTL-W	SRC 20 ZTL-W	SRC 25 ZTL-W	SRC 35 ZTL-W	SRC 50 ZTL-W
Type			DC-Inverter Heat pump				
Control (included)			Remote control				
Nominal data							
Rated capacity (T=+35°C)	Cooling	kW	1.50 (0.80~2.50)	2.00 (0.70~2.80)	2.50 (0.80~3.20)	3.50 (0.80~3.70)	5.00 (1.30~5.30)
Rated power input (T=+35°C)	Cooling	kW	0.35 (0.20~0.85)	0.51 (0.20~0.92)	0.58 (0.19~0.95)	1.05 (0.19~1.30)	1.59 (0.29~1.77)
Rated energy efficiency coefficient	Cooling	EER[1]	4.29	3.92	4.31	3.33	3.14
Rated capacity (T=+7°C)	Heating	kW	2.00 (0.90~4.10)	2.70 (0.90~4.20)	3.00 (1.00~4.80)	3.80 (1.00~4.90)	5.80 (1.30~6.30)
Rated power input (T=+7°C)	Heating	kW	0.42 (0.21~1.39)	0.64 (0.21~1.40)	0.66 (0.21~1.48)	0.90 (0.21~1.50)	1.62 (0.27~2.04)
Rated energy performance coefficient	Heating	COP[1]	4.76	4.22	4.55	4.22	3.58
Seasonal data							
Design load (Pdesignc)	Cooling	kW	1.50	2.00	2.50	3.50	5.00
Seasonal energy efficiency index	Cooling	SEER[2]	6.40	6.70	6.90	6.50	6.50
Seasonal energy efficiency class	Cooling	626/2011[3]	A++	A++	A++	A++	A++
Annual energy consumption	Cooling	kWh/y	83	105	127	189	270
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	2.30	2.40	2.70	2.80	4.00
Seasonal energy efficiency index	Heating (average climate conditions)	SCOP[2]	4.40	4.40	4.70	4.70	4.30
Seasonal energy efficiency class	Heating (average climate conditions)	626/2011[3]	A+	A+	A++	A++	A+
Annual energy consumption	Heating (average climate conditions)	kWh/y	732	764	804	835	1302
Electrical data							
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz				
Power cable		Type	3 x 2.5 mm²	3 x 2.5 mm²	3 x 2.5 mm²	3 x 2.5 mm²	3 x 4 mm²
Wiring cables I.U./O.U.		nb.	4	4	4	4	4
Nominal absorbed current	Cooling	A	2.00	2.90	3.20	4.90	7.00
Nominal absorbed current	Heating	A	2.40	3.50	3.60	4.30	7.10
Max current		A	9.00	9.00	9.00	9.00	14.50
Max power input		kW	1.53	1.53	1.63	1.65	2.24
Refrigerant circuit data							
Refrigerant[4]		Type (GWP)	R32 (675)				
Refrigerant precharge		Kg	0.43	0.43	0.59	0.59	0.90
Tons of CO2 equivalent		t	0.290	0.290	0.398	0.398	0.606
Diameter of refrigerant pipings liquid/gas		mm (inch.)	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 12.74(1/2")
Max splitting distance		m	20	20	20	20	25
Max splitting level difference I.U./O.U.		m	15	15	15	15	20
Max. splitting without additional charge		m	10	10	10	10	15
Additional charge		g/m	20	20	20	20	20
Indoor unit specifications							
Dimensions	LxDxH	mm	798x210x294	798x210x294	798x210x294	798x210x294	798x210x294
Net weight		Kg	8.5	8.5	9	9	9.5
Sound power level	Max	dB(A)	53	54	55	57	60
Sound pressure level (Hi/Me/Lo/ULo)	Cooling	dB(A)	36/30/23/19	37/31/23/19	41/36/26/22	42/37/27/22	47/40/32/25
Sound pressure level (Hi/Me/Lo/ULo)	Heating	dB(A)	38/32/24/19	39/34/25/19	41/36/29/22	43/37/31/22	47/40/33/25
Air flow volume (Hi/Me/Lo/ULo)	Cooling	m³/h	570/450/294/228	594/468/294/228	600/480/318/264	624/510/330/264	750/624/432/324
Air flow volume (Hi/Me/Lo/ULo)	Heating	m³/h	600/522/348/264	624/546/372/264	660/564/390/300	708/588/408/300	756/690/534/384
Outdoor unit specifications							
Dimensions	LxDxH	mm	645(+57)x275x540	645(+57)x275x540	645(+57)x275x540	645(+57)x275x540	780(+62)x290x595
Net weight		Kg	19.5	19.5	21.5	21.5	31.5
Sound power level	Max	dB(A)	57	58	59	62	65
Sound pressure level	Max	dB(A)	44	46	47	50	53
Air flow volume	Max	m³/h	1776	1776	1302	1446	2028
Operating range (outdoor temperature)	Cooling	°C	-15~46				
Operating range (outdoor temperature)	Heating	°C	-15~24				
Optional parts							
Wi-Fi module			Included				
Interface for home automation connection and wired control[5]			SC-BIKN2-E				

1. Value measured according to harmonised standard EN14511. 2. EU Regulation N.206/2012 - - Value measured according to harmonised standard EN14825. 3. Delegated Regulation UE N.626/2011 with regard to energy labelling indicating the energy consumption of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary. 5. Home automation protocols available: KNX, Modbus, BACnet. The use of the SC-BIKN2-E interface card inhibits some functions of the unit.

MITSUBISHI HEAVY INDUSTRIES

KIREIA Evo

WALL

SRK 63~71 ZTL-W

<INCLUDED>

<ALLERGEN CLEAR FILTER>

<REMOTE CONTROL INCLUDED>

SRC 63~71 ZTL-W

*the "weekly timer" function can only be used from the WF-RAC application

Indoor unit model			SRK 63 ZTL-W	SRK 71 ZTL-W
Outdoor unit model			SRC 63 ZTL-W	SRC 71 ZTL-W
Type			DC-Inverter Heat pump	
Control (included)			Remote control	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	6.30 (1.20~7.10)	7.10 (1.20~7.30)
Rated power input (T=+35°C)	Cooling	kW	1.84 (0.27~2.43)	2.45 (0.28~2.67)
Rated energy efficiency coefficient	Cooling	EER[1]	3.42	2.90
Rated capacity (T=+7°C)	Heating	kW	7.10 (1.00~8.50)	8.00 (1.10~9.10)
Rated power input (T=+7°C)	Heating	kW	2.01 (0.25~2.89)	2.37 (0.26~3.30)
Rated energy performance coefficient	Heating	COP[1]	3.53	3.38
Seasonal data				
Design load (Pdesignc)	Cooling	kW	6.30	7.10
Seasonal energy efficiency index	Cooling	SEER[2]	7.50	7.10
Seasonal energy efficiency class	Cooling	626/2011[3]	A++	A++
Annual energy consumption	Cooling	kWh/y	295	351
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.30	6.20
Seasonal energy efficiency index	Heating (average climate conditions)	SCOP[2]	4.60	4.40
Seasonal energy efficiency class	Heating (average climate conditions)	626/2011[3]	A++	A+
Annual energy consumption	Heating (average climate conditions)	kWh/y	1615	1972
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 4 mm[2]	3 x 4 mm[2]
Wiring cables I.U./O.U.		nb.	4	4
Nominal absorbed current	Cooling	A	8.10	10.80
Nominal absorbed current	Heating	A	8.80	10.40
Max current		A	17.00	17.00
Max power input		kW	3.18	3.63
Refrigerant circuit data				
Refrigerant[4]		Type (GWP)	R32 (675)	
Refrigerant precharge		Kg	1.20	1.20
Tons of CO2 equivalent		t	0.810	0.810
Diameter of refrigerant pipings liquid/gas		mm (inch.)	6.35(1/4") - 12.74(1/2")	6.35(1/4") - 12.74(1/2")
Max splitting distance		m	30	30
Max splitting level difference I.U./O.U.		m	20	20
Max. splitting without additional charge		m	15	15
Additional charge		g/m	20	20
Indoor unit specifications				
Dimensions	LxDxH	mm	998x230x294	998x230x294
Net weight		Kg	12	12
Sound power level	Max	dB(A)	60	61
Sound pressure level (Hi/Me/Lo/ULo)	Cooling	dB(A)	46/43/38/30	48/44/39/31
Sound pressure level (Hi/Me/Lo/ULo)	Heating	dB(A)	47/43/39/32	47/44/40/33
Air flow volume (Hi/Me/Lo/ULo)	Cooling	m³/h	1020/882/726/564	1050/912/756/564
Air flow volume (Hi/Me/Lo/ULo)	Heating	m³/h	1104/1032/846/696	1134/1062/876/696
Outdoor unit specifications				
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x290x640
Net weight		Kg	42.5	42.5
Sound power level	Max	dB(A)	66	66
Sound pressure level	Max	dB(A)	54	54
Air flow volume	Max	m³/h	2580	2580
Operating range (outdoor temperature)	Cooling	°C	-15~46	
Operating range (outdoor temperature)	Heating	°C	-15~24	
Optional parts				
Wi-Fi module			Included	
Interface for home automation connection and wired control[5]			SC-BIKN2-E	

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