

 **MITSUBISHI**
HEAVY INDUSTRIES

INVERTER



 **MITSUBISHI**
HEAVY INDUSTRIES

KIREIA Smart INTELLIGENT CLIMATE

ENERGY EFFICIENCY



Energy savings for all seasons.

A++

Energy class
in cooling

SEER 7.30
(mod. 3.20 kW)

A+

Energy class
in heating

SCOP 4.40
(mod. 3.20 kW)

OPERATING RANGE

Broad scope of operation for all power levels.

-15°C / +46°C

cooling operation

-15°C / +24°C

in heating

NOISE LEVEL

Discreet and quiet, the KIREIA Smart boasts a sound pressure of 23 dB(A) at minimum speed [for models from 2.50 to 3.20 kW].

COMFORT START-UP MODE

This function lets you start indoor unit operations 5 to 60 minutes before the scheduled start time and ensures that the set temperature is reached as soon as the unit goes into operation. See the description on pg. 11.

VERY COMPACT DESIGN

High-performance and compact, KIREIA Smart is the most discreet solution for home air conditioning, with a depth of only 21 cm for all power sizes.

21 cm (depth)

SELF CLEAN OPERATION

This function lets you dry the indoor unit heat exchanger to avoid the formation of mould and bacteria. See the description on pg. 9.

R32 technical data



SRK 25-45 ZSP-W



SRC 25-35 ZSP-W



SRC 45 ZSP-W



Remote control included



Indoor unit model		SRK 25 ZSP-W		SRK 35 ZSP-W		SRK 45 ZSP-W	
Outdoor unit model		SRC 25 ZSP-W		SRC 35 ZSP-W		SRC 45 ZSP-W	
Type							
Control							
DC-Inverter heat pump							
Remote control							
Rated capacity (T=35°C)		kW		3.20 (0.90~3.70)		4.50 (1.30~4.80)	
Rated absorbed power (T=35°C)		kW		0.91 (0.20~1.32)		1.35 (0.29~1.71)	
Rated energy efficiency coefficient		EER1		3.52		3.33	
Seasonal energy efficiency class		626/2011 ³		A++		A++	
Seasonal energy efficiency index		SEER ²		7.3		6.3	
Annual energy consumption		kWh/a		154		251	
Theoretical load (Pdesignc) @35°C		kW		3.2		4.5	
Rated capacity (T=7°C)		kW		2.80 (1.00~4.10)		3.60 (1.00~4.60)	
Rated absorbed power (T=7°C)		kW		0.69 (0.20~1.43)		0.93 (0.20~1.43)	
Rated energy performance coefficient		COP1		4.05		3.87	
Energy efficiency class (average season)		626/2011 ³		A+		A+	
Seasonal efficiency class index (average season)		SCOP ²		4.1		4.4	
Annual energy consumption		kWh/a		957		955	
Theoretical load (Pdesignh) @-10°C		kW		2.8		3.0	
Operating limits (outside temp.)		Cooling		°C		-15~46	
		Heating		°C		-15~24	
Electrical data							
Power		Outdoor unit		Ph-V-Hz		1Ph - 220/240V - 50Hz	
Power cable		type		3 x 2.5 mm ²		3 x 4 mm ²	
Absorbed current (rated)		Cooling		A		3.4	
		Heating		A		3.4	
Maximum current		A		9		14.5	
Maximum absorbed power		kW		1.65		1.65	
Connection wires between I.U. and O.U. (including ground)		no.		4		4	
Refrigerant circuit							
Refrigerant (GWP) ⁴		Kg		R32 (675)		0.68	
Quantity refrigerant pre-load		mm (inches)		ø6.35(1/4") - ø9.52(3/8")		ø6.35(1/4") - ø12.74(1/2")	
Diameter of refrigerant piping on liquid/gas		m		15		25	
Max splitting length		m		10		15	
Max height difference I.U. /O.U.		m		10		15	
Splitting length without additional load		g/m		20		20	
Additional load							
Specifications of indoor units							
Dimensions		H x L x D		mm		267 x 783 x 210	
Net weight		Kg		7		7.5	
Sound pressure level (Hi/Mi/Lo)		Cooling		dB(A)		45/34/23	
		Heating		dB(A)		44/36/28	
Sound power level (Hi)		Cooling		dB(A)		57	
		Heating		dB(A)		58	
Handled air volume (Hi/Me/Lo)		Cooling		m ³ /h		600/438/252	
		Heating		m ³ /h		570/438/312	
Motor power (Output)		W		30		30	
Diameter of condensate drain		mm		16		16	
Filter included		type		Polypropylene mesh			
Specifications of outdoor units							
Dimensions		H x L x D		mm		540 x 645(+57) x 275	
Net weight		Kg		26.5		28.5	
Sound pressure level		Cooling		dB(A)		47	
		Heating		dB(A)		45	
Sound power level		Cooling		dB(A)		57	
		Heating		dB(A)		56	
Handled air (Max)		Cooling		m ³ /h		1422	
		Heating		m ³ /h		1182	
Motor power (Output)		W		24		24	
Optional parts							
Wi-Fi module		Accessories to be paired with the interface module		SC-BIKN2-E		Not available for this product	
Wired remote control							
SUPERLINK II interface for centraliser control							
BMS interfaces		KNX					
		Modbus					
		EnOcean					

1 Value measured according to harmonised standard EN14511. 2 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 EU Delegated Regulation No.626/2011 on the new 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.