

INVERTER

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MITSUBISHI HEAVY INDUSTRIES



KIRCIA Smart INTELLIGENT CLIMATE





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)

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.

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].

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.

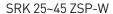


KIREIA Smart

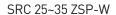


R32 technical data















Remote control included

Fuzzy		X			-			(F)	(3)	On 24h Timer Off	Ö	Image: Control of the	(D)	(*)	- √ -	②		
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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				DC-Inverter heat pump				
Control				Remote control				
Rated capacity (T=35°C)		kW	2.50 (0.90~3.10)	3.20 (0.90~3.70)	4.50 (1.30~4.80)			
Rated absorbed power (T=35°C)		kW	0.71 (0.20~1.01)	0.91 (0.20~1.32)	1.35 (0.29~1.71)			
Rated energy efficiency coefficient		EER1	3.52	3.52	3.33			
Seasonal energy efficiency class	Cooling	626/20113	A++	A++	A++			
Seasonal energy efficiency index	Cooling	SEER2	6.8	7.3	6.3			
Annual energy consumption								
		kWh/a	129	154	4.5			
Theoretical load (Pdesignc) @35°C		kW	2.5	3.2				
Rated capacity (T=7°C)		kW	2.80 (1.00~4.10)	3.60 (1.00~4.60)	5.00 (1.20~5.80)			
Rated absorbed power (T=7°C)		kW	0.69 (0.20~1.43)	0.93 (0.20~1.43)	1.36 (0.27~1.84)			
Rated energy performance coefficient		COP1	4.05	3.87	3.68			
Energy efficiency class (average season)	Heating	626/20113	A+	A+	A+			
Seasonal efficiency class index (average season)		SCOP2	4.1	4.4	4.2			
Annual energy consumption		kWh/a	957	955	1269			
Theoretical load (Pdesignh) @-10°C		kW	2.8	3.0	3.8			
•	Cooling	°C	-15~46 -15~24					
Operating limits (outside temp.)	Heating	°C						
Electrical data	,			.5 2.				
Power	Outdoor unit	Ph-V-Hz		1Ph - 220/240V - 50Hz				
Power cable	Uutuool tilit	type	2.0	x 2.5 mm ²	3 x 4 mm ²			
rowei cable	C1:							
Absorbed current (rated)	Cooling	A	3.4	4.3	6.1			
	Heating	A	3.4	4.3	6.1			
Maximum current		A	9	9	14.5			
Maximum absorbed power		kW	1.65	1.65	2.68			
Connection wires between I.U .and O.U. (including	ground)	no.	4	4	4			
Refrigerant circuit								
Refrigerant (GWP)4				R32 (675)				
Quantity refrigerant pre-load		Kq	0.55	0.68	1.1			
Diameter of refrigerant piping on liquid/gas		mm (inches)	Ø6.35(1/4	ø6.35(1/4") - ø12.74(1/2")				
Max splitting length		m	15	15	25			
Max height difference I.U. /O.U.		m	10	10	15			
Splitting length without additional load		m	10	15	15			
Additional load			20	20	20			
		g/m	20	20	20			
Specifications of indoor units	11. I. D		267 702 210	267 702 210	267 703 210			
Dimensions	HxLxD	mm	267 x 783 x 210	267 x 783 x 210	267 x 783 x 210			
	Net weight	Kg	/	/	7.5			
Sound pressure level (Hi/Mi/Lo)	Cooling	dB(A)	45/34/23	45/36/23	44/39/24			
Journa pressure rever (111/111/120)	Heating	ub(ri)	43/34/26	44/36/28	48/41/30			
Country of the country (11)	Cooling	1D(V)	57	58	56			
Sound power level (Hi)	Heating	dB(A)	57	58	62			
U B 1 : 1 000 : 2	Cooling	2.0	600/438/252	570/408/252	540/432/228			
Handled air volume (Hi/Me/Lo)	Heating	m ³ /h	570/438/312	576/444/330	720/552/372			
Motor power (Output)	, reading	W	30	30	30			
Diameter of condensate drain		mm	16	16	16			
Filter included			IU	Polypropylene mesh	10			
Specifications of outdoor units		type		rotypropytene mesn				
Specifications of outdoor units	T. I. D.		F40 6	45(-57) 275	505 700(+63) 200			
Dimensions	HxLxD	mm		45(+57) x 275	595 x 780(+62) x 290			
	Net weight	Kg	26.5	28.5	36			
Sound pressure level	Cooling	dB(A)	47	48	51			
Souria pressure rever	Heating	ub(n)	45	48	51			
Cound navor lavel	Cooling	dB(A)	57	59	63			
Sound power level	Heating	UD(A)	56	60	64			
H H-1-:- (M)	Cooling	2 //	1422	1368	2136			
Handled air (Max)	Heating	m³/h	1182	1320	2004			
Motor power (Output)		W	24	24	24			
Optional parts								
Wi-Fi module								
Wired remote control								
		Accessories to be						
SUPERLINK II interface for centraliser control	LANY	paired with the	Not available for this product					
nus.	KNX	interface module	not aranable for this product					
BMS interfaces	Modbus	SC-BIKN2-E						
DITIS IIICCITACES	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.

