SRR-ZJX hyper inverter

SRR-ZJX (2.5-3.5 kW)

SRR-ZJX: World class energy efficiency and performance is combined with all of the latest advances in room air conditioner technology in the SRR Hyper Inverter range. Our new twin rotary compressor and low resistance design of the indoor unit offers some of the most energy efficient cooling and heating available. The self clean operation, high power and economy modes, are combined with low sound levels and a compact design for a wide variety of applications.



SRR 25/35 ZJX-S



SRC 25/35 ZJX-S



included

Wired remote control*



RC-E5(option) *Adaptor SC-BIKN-E required for hard wired controller

Refrigerant pipe length



SRR 25/35 ZJX-S

Function



Three sensors

Control of the room temperature and humidity is important for a comfortable environment. Use of three sensors to sense and control temperature and humidity optimizes the air conditioners performance.







3. Sensor for outdoor temperature



Latest technology

Energy saving leaf grill

The radial shape grill has been developed in order to send air efficiently out of the unit along the grill. This decreases the load for the propeller fan and motor, increasing energy efficiency and reducing noise levels.







High efficiency DC twin rotary compressor

MHI's newly developed DC twin rotary compressor performs with high efficiency from low to high speed and under a wide range of conditions. Optimization of the dimensions of the mechanical parts, combined with a high power neodymium motor, high efficiency, low noise and low vibration is achieved.





Superior corrosion resistance

The base of all outdoor units is fabricated from hardened hot dipped steel. This has superior corrosion properties compared to conventional materials.



Heat Transfer Coef. W/m²K



Indoor unit

The copper tube and fin configuration of the heat exchanger has been optimized to enable maximum air flow volume without increasing the dimensions of the indoor unit. The heat exchanger energy efficiency is increased by 33% (from previous models).





Outdoor unit

Changing the fin configuration of the outdoor unit heat exchanger from flat sheet to all new "M fin" has further increased energy efficiency by an additional 10%. The high dimensional structure of "M fin" provides the optimum balance of heat transfer and air flow.

INDOOR UNIT c/w IR Controller		SRR25ZJ-S	SRR35ZJ-S
OUTDOOR UNIT		SRC25ZJX-S	SRC35ZJX-S
Cooling (Nominal)	kW	2.5	3.5
Cooling Range	kW	0.9 to 3.2	0.9 to 5.1
UK Cooling	kW	2.4	3.3
UK Sensible Cooling	kW	2.0	2.5
E.E.R. (Energy Label)		4.31 (A)	3.24 (A)
Heating (Nominal)	kW	3.4	4.2
Heating Range	kW	0.9 to 4.7	0.9 to 5.1
C.O.P (Energy Label)		4.53 (A)	3.82 (A)
Operating Range (Outdoor Air) Cooling	°C DB	-5 to 46	
Operating Range (Outdoor Air) Heating	°C WB	-5 to 21	
INDOOR UNIT			
Exterior Dimensions (H x W x D)	mm	230 x 740 x 455	230 x 740 x 455
Net Weight	kg	22	22
Air Volume (L - M - H) Cooling	m³/s	0.08 - 0.12 - 0.14	0.09 - 0.13 - 0.15
Air Volume (L - M - H) Heating	m³/s	0.11 - 0.15 - 0.17	0.12 - 0.16 - 0.18
Sound Pressure Level (L/M/H) Cooling	dB(A)	29 / 35 / 40	30 / 37 / 42
Sound Pressure Level (L/M/H) Heating	dB(A)	31 / 38 / 41	32 / 40 / 43
OUTDOOR UNIT			
Exterior Dimensions (H x W x D)	mm	595 x 780(+62) x 290	595 x 780(+62) x 290
Net Weight	kg	38	38
Sound Pressure Level	dB(A)	47	50
ELECTRICAL DATA			
Power Source Rating MCB	A	16	16
Mains Power To	Outdoor	230V/1ph/50Hz	230V/1ph/50Hz
Interconnecting Wires		3 + E	3 + E
Running Current - Cooling	A	2.8	4.7
Running Current - Heating	A	3.6	4.8
Power Input - Cooling	kW	0.58	1.08
Power Input - Heating	kW	0.75	1.10
Start – Max Run Current	A	4 - 9	5 - 9
INSTALLATION/REFRIGERANT			
Ref. Piping Size o.d ins (mm)	Liquid	1/4" (6.35)	1/4" (6.35)
	Gas	3/8" (9.52)	3/8" (9.52)
Ref. Max Piping Length	m	15	15
Vertical Height Difference (Max)			
- Outdoor Unit Above Indoor Unit	m	10	10
- Outdoor Unit Below Indoor Unit	m	10	10
Refrigerant Amount Precharged	kg	1.2	1.2
- For Pipe Length Up To	m	15	15
Additional Refrigerant	g/m	n/a	n/a

