

## SRK Wall Mounted Split System - Inverter

Mitsubishi Heavy Industries has further extended its development in world leading technology applied to high efficiency air conditioning and heat pump systems

### Wall Mounted Inverter Split System SRK - ZJ



#### The SRK Inverter Range

This range combines sophisticated micro-processor energy saving controls with advanced refrigeration technology, applied to small air conditioning/heat pump systems. The systems will provide cooling or heating, depending on the room condition and the selected temperature. Instead of switching on/off, as dictated by a room thermostat, the output capacity, both heating and cooling, is automatically varied to match the requirement at the time. This saves energy, and provides stable and comfortable temperature conditions.



The major advance in heat pump technology is the new Mitsubishi high efficiency DC-PAM INVERTER vector controlled compressor. A typical system consists of an indoor unit mounted at high level on a wall, connected by two small copper pipes to a weatherproof outdoor unit, which can stand on the ground, on wall brackets, or on a flat roof or balcony.

The indoor unit comes with a hand held controller, which is used to switch the unit on/off and to adjust the temperature and fan speed. A 24 hour timer control is included. Alternatively an optional wired controller is available.



#### Air conditioners and heat pumps for commercial applications

RESIDENTIAL • SMALL OFFICE • HOTELS • SHOPS • CONSULTING & TREATMENT ROOMS

#### SRK-ZJS & ZE

Cooling:	1.0-8.0kW
Heating:	1.0-10.5kW

#### SRK-ZJX

Cooling:	0.1-6.8kW
Heating:	0.8-9.7kW



## KEY FEATURES

- High C.O.P. up to record 5.56 (ZJX)
- All models are cooling/heating
- New advanced air filtration
- Infra-red controller with wall mounting bracket
- Extended operation range down to -15°C
- Pipe runs up to 30 metres on 63 & 71 and 50ZJX & 60ZJX models.
- Super-Quiet - 21dBA on SRK20
- Back-up switch for loss of controller
- Cold draft prevention on heat pump start up
- Power to outdoor unit first with 3 core+E to indoor unit
- Pre-charged with refrigerant for up to 15 metres pipe length
- Auto re-start after power interruption
- Wired controller option on SRK-ZE, with adaptor on SRK-ZJ/ZJX
- Self-clean operation facility

## KEY BENEFITS

### Residential & light Commercial Application

SRK systems, due to their smaller size are extensively used in small offices, restaurants, clubs as well as the home. Ideal for bedrooms and living rooms, where high temperatures and humidity can create discomfort during the summer.

Home/small offices, where computers and other electrical equipment can add to the heat problem in small rooms, especially where there is a need to keep windows locked for security reasons, or to reduce noise disturbance from outside.

They provide a low cost solution to problems of overheating in summer and will also provide extremely efficient heating in winter through the heat pump operation.

### New High Efficiency DC PAM INVERTER

The prime motivating factor behind the sophisticated development of high efficiency heating and cooling systems, is the rising cost of energy and the need to reduce carbon emissions. The compressor uses most of the electricity in a system, so this is the focal point for saving energy. The Mitsubishi Amplitude Modulation Inverter combined with the new vector controlled DC Compressor, provides the required improvements in efficiencies for both cooling and heating operations.

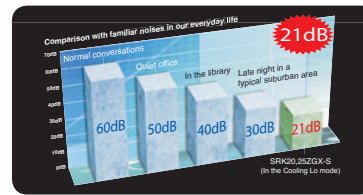
SRK-ZE Models DC Pam Inverter only



**Vertical and horizontal air distribution**



**Allergen Clear Filtration on all indoor models**



**Super-Quiet operation down to 21dBA on SRK20 ZJX**



**Outdoor Unit - new compact design**

	WALL SYSTEMS - INVERTER				
	SRK25-ZJ	SRK35-ZJ	SRK50-ZJ	SRK63-ZE	SRK71-ZE
Power Source	1 ph	1 ph	1 ph	1 ph	1 ph
COOLING (nominal) range	<b>kW</b> 1.0 to 2.9	1.0 to 3.8	1.6 to 5.5	0.9 to 7.1	0.9 to 8.0
UK Cooling (max)	<b>kW</b> 2.78	3.65	5.28	6.89	7.76
Energy label in cooling	A	A	A	A	A
HEATING (nominal) max.	<b>kW</b> 1.2 to 4.2	1.3 to 4.8	1.6 to 6.6	0.9 to 9.0	0.9 to 10.5
C.O.P.	4.00	4.00	3.65	3.82	3.62
Energy label in heating	A	A	A	A	A
INDOOR UNIT dimensions	mm 294 x 798 x 229	294 x 798 x 229	294 x 798 x 229	318 x 1098 x 248	318 x 1098 x 248
Net weight	kg 9.5	9.5	9.5	15	15
Sound Pressure Level	dBA 34/28/21	42/32/22	46/37/26	43/39/33	45/40/34
OUTDOOR UNIT dimensions	mm 540 x 780 x 290	540 x 780 x 290	640 x 800 x 290	750 x 880 x 340	750 x 880 x 340
Net weight	kg 32	35	42	59	59
Sound Pressure Level (h/m/l)	dBA 48	50	51	47	47
Power Source Rating MCB	A 16A	16A	20A	20A	20A
Interconnecting wires	3 + E	3 + E	3 + E	3 + E	3 + E
Run Current at nom. (max)	A 3.8 (9.0)	4.7 (9.0)	7.0 (14.0)	8.2 (17.0)	9.7 (17.0)
Power supply to	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Ref. max piping length	m 15	15	25	30	30

	HYPER INVERTER				
	SRK20-ZJX	SRK25-ZJX	SRK35-ZJX	SRK50-ZJX	SRK60-ZJX
Power Source	1 ph	1 ph	1 ph	1 ph	1 ph
COOLING (nominal) range	<b>kW</b> 0.9 to 3.1	0.9 to 3.2	0.9 to 4.1	0.7 to 6.2	0.8 to 6.8
UK Cooling (max)	<b>kW</b> 2.98	3.07	3.94	5.95	6.53
Energy label in cooling	A	A	A	A	A
HEATING (nominal) max.	<b>kW</b> 0.9 to 4.3	0.9 to 4.7	0.9 to 5.1	0.7 to 8.8	0.8 to 9.7
C.O.P.	5.56	5.26	4.48	4.44	4.07
Energy label in heating	A	A	A	A	A
INDOOR UNIT dimensions	mm 309x 890 x 220	309x 890 x 220	309x 890 x 220	309x 890 x 220	309x 890 x 220
Net weight	kg 15	15	15	15	15
Sound Pressure Level	dBA 39/30/21	41/31/22	43/33/22	45/38/26	47/38/26
OUTDOOR UNIT dimensions	mm 595 x 780 x 290	595 x 780 x 290	595 x 780 x 290	640 x 800 x 290	640 x 800 x 290
Net weight	kg 38	38	38	43	43
Sound Pressure Level (h/m/l)	dBA 47	47	50	58	51
Power Source Rating MCB	A 16A	16A	16A	20A	20A
Interconnecting wires	3 + E	3 + E	3 + E	3 + E	3 + E
Run Current at nom. (max)	A 2.3 (8.0)	2.9 (8.0)	4.4 (8.0)	5.9 (14.0)	8.2 (14.0)
Power supply to	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Ref. max piping length	m 15	15	15	30	30

Cooling Nom: 27°Cdb/19°Cwb, Amb: 35°C UK Cooling: l/d: 23°Cdb/16°Cwb, Amb: 30°C Heating: l/d: 20°Cdb, Amb: 7°Cdb/6°Cwb



Selected systems are listed on the Energy Technology List. This listing enables 100% tax allowance in the first year, on the total cost of Mitsubishi systems, plus the installation costs (including pipework and electrical supplies, materials, labour and design costs). Check ETL listing on government web site: [www.eca.gov.uk/etl](http://www.eca.gov.uk/etl)



MITSUBISHI HEAVY INDUSTRIES air conditioning systems are imported and distributed in the UK and Ireland by 3D Air Sales Ltd & HRP Ltd. The information listed is for guidance purposes, is subject to alteration without notice, and does not form part of a Contract.