



ecolution
AIR CONDITIONING

Wall Mounted INVERTER Split System

SRK

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

SRK Wall Mounted Split System - INVERTER

SRK-ZGS & ZE

Cooling Range: 2.5 - 8.0kW
Heating Range: 4.5 - 10.5kW

SRK-ZGX

Cooling Range: 2.5 - 5.3kW
Heating Range: 4.5 - 7.9kW



Air conditioners and heat pumps for residential and light commercial applications



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

The new SRK INVERTER 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 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 for certain models.





SRK-ZGS - ZE INVERTER

SRK-ZGX HYPER INVERTER

Key Features

- High C.O.P. up to record 5.45 (ZGX)
- 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 and 71 models
- Super-Quiet - 21dBa on SRK20 and 25-ZGX
- Back-up switch for loss of controller
- Cold draft prevention on heat pump start up
- Fault diagnosis
- PRE-CHARGED WITH REFRIGERANT for up to 15 metres pipe length
- Auto re-start after power interruption
- Wired Controller option on SRK-ZE, and with adaptor (ref: 625170) on SRK-ZG

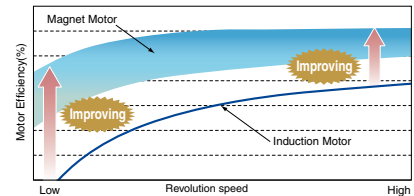
SRK – Residential and Light Commercial Application

The smaller SRK models are ideal for bedrooms and living rooms, where high temperatures and humidity can create discomfort during the summer. They are also applied to home 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.

SRK systems are used extensively in small offices, restaurants, clubs and many other light commercial applications. 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 Pulse Amplitude Modulation Inverter and the new DC compressor, provide the required improvements in efficiencies for both cooling and heating operations.



Vertical and horizontal air distribution

Allergen Clear Filtration on all indoor models

Super-Quiet operation down to 21dBa on SRK20 and 25-ZGX

Outdoor Unit - new compact design

		WALL SYSTEMS - INVERTER					HYPER INVERTER			
		SRK25-ZG	SRK35-ZG	SRK50-ZG	SRK63-ZE	SRK71-ZE	SRK20-ZGX	SRK25-ZGX	SRK35-ZGX	SRK50-ZGX
Power source		1 ph	1 ph	1 ph	1 ph	1 ph	1 ph	1 ph	1 ph	1 ph
COOLING (nominal) range	kW	0.5 to 3.0	0.5 to 3.9	0.6 to 5.3	0.9 to 7.1	0.9 to 8.0	0.5 to 2.8	0.5 to 3.0	0.5 to 3.9	0.6 to 5.3
UK Cooling (max)	kW	2.91	3.78	5.14	6.89	7.76	2.70	2.91	3.78	5.14
Energy label in cooling		A	A	B	A	A	A	A	A	A
HEATING (nominal) max.	kW	0.5 to 4.8	0.5 to 5.1	0.6 to 7.9	0.9 to 9.0	0.9 to 10.5	0.5 to 4.6	0.5 to 5.0	0.5 to 5.1	0.6 to 7.9
C.O.P.		3.66	3.68	3.41	3.82	3.62	5.45	5.08	4.20	3.61
Energy label in heating		A	A	B	A	A	A	A	A	A
INDOOR UNIT dimensions	unit (mm)	268 x 790 x 199	268 x 790 x 199	268 x 790 x 199	318 x 1098 x 248	318 x 1098 x 248	298 x 840 x 258	298 x 840 x 259	298 x 840 x 259	298 x 840 x 259
Net weight	kg	8.5	8.5	8.5	15	15	12	12	12	12
Sound Pressure Level	dBa	36/30/22	40/32/23	47/42/26	43/39/33	45/40/34	40/34/21	43/34/21	44/35/22	45/38/26
OUTDOOR UNIT dimensions	mm	540 x 780 x 290	541 x 780 x 290	640 x 850 x 290	750 x 880 x 340	750 x 880 x 340	540 x 780 x 289	540 x 780 x 290	540 x 780 x 290	640 x 850 x 290
Net weight	kg	35	38	43	59	59	38	38	38	43
Sound Pressure Level	dBa	44	48	48	47	47	44	45	47	43
Power Source Rating MCB	A	6A	10A	10A	10A	16A	6A	6A	6A	10A
Interconnecting wires	Mains	3 + E	3 + E	3 + E	3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Power supply to		Indoor	Indoor	Indoor	Outdoor	Outdoor	Indoor	Indoor	Indoor	Indoor
Ref. max piping length	m	15	15	25	30	30	15	15	15	25

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

