



ecolution
AIR CONDITIONING

Wall Mounted Split System

SRK - HG

Mitsubishi Heavy Industries - High Performance R410A Cooling/Heat Pump Systems

LOW COST - fantastic value, for this high specification product

SRK28-HG Includes:
Cooling: 2.60kW
Heating: 2.80kW Negative ION Generator

SRK40-HG Includes:
Cooling: 3.60kW
Heating: 4.00kW Photocatalytic Deodorizing Filter



Air conditioners and heat pumps for commercial applications



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



The SRK represents the smaller size of the extensive range manufactured by Mitsubishi Heavy Industries.

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.

The systems will provide cooling or heating, depending on the room condition and the selected temperature. During the cooling operation, the units will also reduce the humidity by extracting moisture from the room air, helping to provide comfortable conditions.



Key Features

- High C.O.P, up to 3.64
- All models are cooling/heating
- New advanced technology control
- Infra-red controller with wall mounting bracket
- Reduced height slim construction
- Pipe runs up to 15 metres
- Low noise - 30dBA on smaller models
- Back-up switch for loss of controller
- Cold draft prevention on heat pump start up
- Fault diagnosis
- Auto re-start after power interruption
- PRE-CHARGED WITH REFRIGERANT for up to 15 metres pipe length
- Power supply connection to indoor unit

SRK - Residential Application

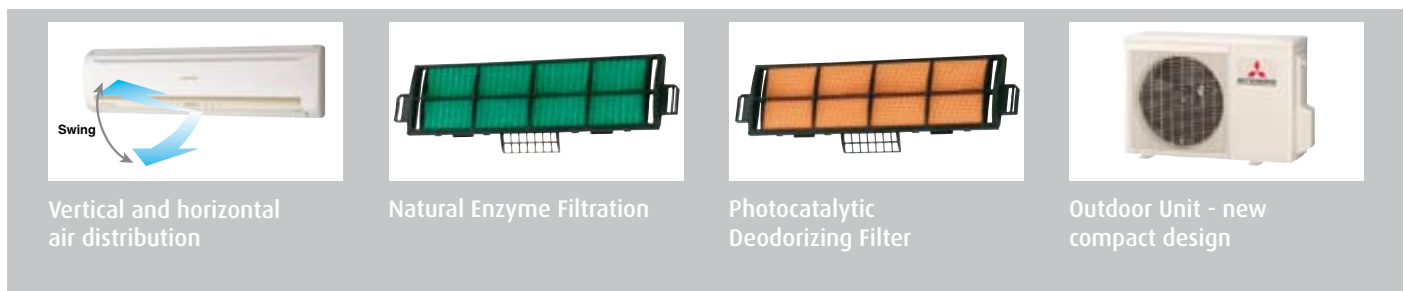
The smaller SRK models are ideal for bedrooms and living rooms, where high temperatures and humidity can create discomfort during the summer. They are also applied to home offices, where computers and other electrical equipment can add to the heat problem in small rooms, especially where there is a need to keep windows locked for security reasons, or to reduce noise disturbance from outside.

SRK - Commercial Application

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.

Enhanced Capital Allowance

These SRK fixed-speed systems are 'A' & 'B' rated, and listed on the government Energy Technology List, allowing a business user to claim back 100% tax in the first year for the total installed costs of these energy efficient products.



		WALL SYSTEM	
		SRK28-HG	SRK40-HG
Power source		1 ph	1 ph
COOLING nominal	kW	2.6	3.6
UK Cooling	kW	2.52	3.33
Energy label in cooling		A	A
HEATING nominal	kW	2.80	4.00
C.O.P		3.64	3.41
Energy label in heating		A	B
INDOOR UNIT dimensions	mm	268 x 790 x 199	268 x 790 x 199
Net weight	kg	8.5	8.5
Sound Pressure Level (cooling)	dBA	39/33/30	40/38/34
OUTDOOR UNIT dimensions	mm	540 x 780 x 290	540 x 780 x 290
Net weight	kg	31	38
Sound Pressure Level (cooling)	dBA	46	49
Power Source Rating MCB	A	10A	16A
Interconnecting wires	Mains	3 + E	3 + E
Ref. max piping length	m	15	15

* Cooling Nom: 27°Cdb/19°Cwb, Amb: 35°C UK Cooling: 1/d: 23°Cdb/16°Cwb, Amb: 30°C

* Heating: 1/d: 20°Cdb, Amb: 7°Cdb/6°Cwb

Jet Air Scroll

CFD (computational fluid dynamics) used in blade shape design of Mitsubishi's jet engines, has been applied to the design of air channels and fan development of the SRK indoor units. This enables a large volume of air to be moved with the minimum power consumption, with uniform air distribution, and low sound levels.

Natural Enzyme Filtration

The Natural Enzyme Filter will clean and sanitize the room air, attacking micro-organisms, and decreasing moulds and bacteria.

Photocatalytic Deodorizing Filter

This will help to reduce odours, is easily cleaned, and can be restored by exposing to sunlight.

Outdoor unit

The system outdoor unit is compact, fully weatherproof, and can be installed up to 15 metres from the indoor unit, with a maximum height differential of 10m. It houses the compressor, control and monitoring devices, and reversing valve to switch between cooling and heat pump modes.

The outdoor unit has its electrical connection from the indoor unit (3 core + E).

