



EHPAC

Enhanced High Performance Air Conditioning

MITSUBISHI HEAVY INDUSTRIES, LTD.



MITSUBISHI HEAVY INDUSTRIES has made a giant leap forward in air conditioning and heat pump technology, with the latest introduction of high performance SRKHD & ZD Wall Mounted air conditioning systems.

The **NEW ADVANCED SRK** Wall Mounted Indoor Units have a new 'smooth line' design of fascia, which has a lower profile flatter appearance, and is far more easy to keep clean. The SRK now includes the Mitsubishi innovative **NATURAL ENZYME FILTER** which destroys fungi, bacteria and viruses. This, combined with the main **Photocatalytic Washable Deodorizing Filter**, provides healthy clean air for the occupants.

MITSUBISHI has used its innovative technology of compressor design, and the ozone friendly R410A refrigerant, and combined this with their new "jet-flow" low noise air movement fan arrangement. The result is a quiet, high performance cooling and heating system, with advanced electronic controls for maximum comfort, controllability and energy efficiency.

SRK

Wall Mounted Split Systems

Air Conditioners and Heat Pumps
for Residential & light Commercial
Applications

R410A

Refrigerant of the Future



SRK Wall Mounted Split Systems

Air Conditioners and Heat Pumps for Residential & light Commercial Applications



An **HRP** Company

SRK-HD Standard Models

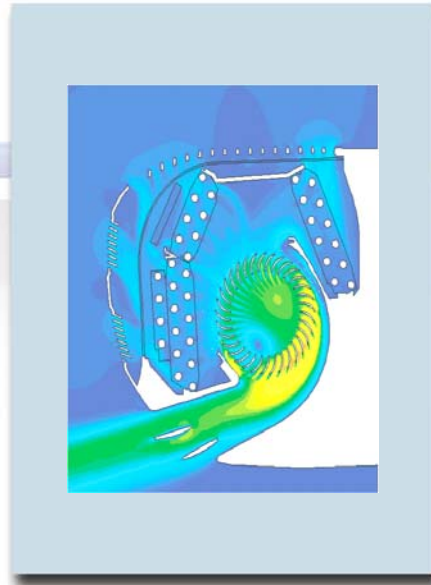
The new high performance non-Inverter systems operate similarly to most conventional air conditioning systems, having a fixed speed compressor, which operates on/off according to the temperature selection and the room condition.



SRK-ZD INVERTER models

The INVERTER varies the speed of the compressor, when operating in either cooling or heating modes. Instead of turning the compressor off when the room temperature is satisfied, the compressor speed is reduced to a level which maintains a constant temperature condition in the room. The compressor then cycles faster or slower, depending on the variation of the room load.

The INVERTER also minimises start current, an advantage if there is limited mains power availability in the building.



SRK-HD and ZD Series

The new slim profile indoor unit has a reduced height of 250mm, allowing installation above door openings and windows. The new multiple stage heat exchanger is folded to form a surround to the upper section of the fan enclosure. This ensures low air velocity, and reduced sound levels, whilst delivering high performance and efficiency.

- High CoP, up to record 3.62
- New advanced technology control
- Infra-red controller with wall mounting bracket
- Reduced height slim construction
- Pipe runs up to 15 metres
- Low noise – 22dBA 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

SRK Wall Mounted

		SRK20-HD	SRK28-HD	SRK40-HD	SRK63-HE	SRK71-HE	SRK25-ZD	SRK35-ZD	SRK50-ZD	SRK63-ZE	SRK71-ZE
Power source Type		1 ph Constant	1 ph Constant	1 ph Constant	1 ph Constant	1 ph Constant	1 ph Inverter	1 ph Inverter	1 ph Inverter	1 ph Inverter	1 ph Inverter
COOLING (nominal) max.	kW	2.05	2.60	3.60	6.30	7.10	2.50	3.50	5.00	6.30	7.10
UK Cooling (max)	kW	2.01	2.50	3.53	6.17	6.96	2.45	3.43	4.90	6.17	6.96
UK Sensible Cooling	kW	1.61	1.83	2.37			1.81	2.30	3.23		
E.E.R.		3.21	3.21	3.21	2.88	3.29	3.21	3.21	3.01	3.42	3.21
Energy label in cooling	A	A	A	A	A	A	A	A	B	A	A
HEATING (nominal) max.	kW	2.20	2.80	4.00	6.70	7.50	3.40	4.40	6.30	7.10	8.00
C.o.P		3.61	3.61	3.42	3.62	3.68	3.62	3.62	3.21	3.82	3.62
Energy label in heating	A	A	A	B	A	A	A	A	C	A	A
INDOOR UNIT											
Exterior dimensions	(mm)	250 x 815 x 249	250 x 815 x 249	250 x 815 x 249	318 x 1098 x 248	318 x 1098 x 248	250 x 815 x 249	250 x 815 x 249	250 x 815 x 249	318 x 1098 x 248	318 x 1098 x 248
Net weight	kg	9	9	9	18	18	9	9	9	18	18
Sound Pressure Level* (cooling)	dB(A)	34/28/26	39/33/30	40/38/34	44/40/37	45/41/38	37/30/22	41/32/23	48/42/26	43/39/33/26	45/40/34/26
Sound Pressure Level* (heating)	dB(A)	34/31/27	40/33/29	41/38/34	44/41/37	46/41/38	39/33/26	45/36/27	46/40/34	44/38/32/27	46/40/34/27
OUTDOOR UNIT											
Exterior dimensions	(mm)	540 x 720 x 290	540 x 720 x 290	640 x 850 x 290	640 x 850 x 290	750 x 880 x 340	540 x 720 x 290	540 x 720 x 290	640 x 850 x 290	750 x 880 x 340	750 x 880 x 340
Net weight	kg	32	32	41	48	76	32	35	43	65	65
Power Source Rating MCB	A	15A	15A	15A	15A	15A	15A	15A	15A	15A	15A
Refrigerant max piping length	m	15	15	15	25	25	15	15	25	30	30

*Sound Pressure Level fan speeds:
High / Med / Low measured at 1m below & 1m horizontal.

Enhanced Capital Allowance

All SRK models (except 63 & 71, due to be registered in March-05) are registered on the Energy Technology List and qualify for 100% tax allowance on the first year, on the total cost of the products and installation costs (including pipework and electrical supply, materials, labour and design costs). (UK only).

