



**MITSUBISHI
ELECTRIC**

SPLIT-TYPE AIR CONDITIONERS

Mr. SLIM

**NEW
PRODUCT
NEWS**

CE

New Compact Type Fits Neatly into Lowered Ceiling

SE SERIES

CEILING-CONCEALED

The new SE series achieves stringent economy in all aspects of air conditioning to realize significant cost-savings

- Whisper-quiet operation ideal for hotel rooms, living rooms and other residential uses
- LED remote controller allows precise adjustment for optimum air conditioning
- Integrated package (outdoor unit, indoor unit and remote controller) ensures quality air conditioning and minimizes installation work



SE Series

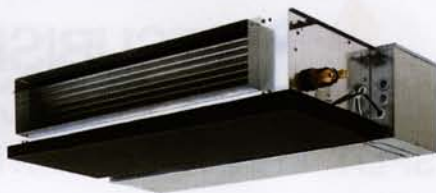


SU-1.6/2/2.5



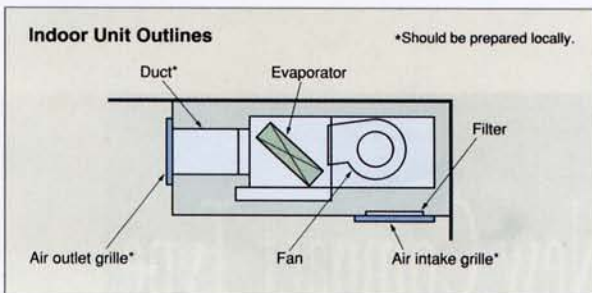
Remote
Controller

Integrated System Creates a Pleasant Air Conditioning Environment



The new SE ceiling-concealed type offers an integrated package which ensures the ultimate in air conditioning quality and comfort with minimum costs and installation fuss. The outdoor unit, indoor unit and remote controller work as a streamlined team, delivering air conditioning performance which is ideal for homes, offices, and hotels.

- Ultra-compact design saves installation space (indoor unit only 270mm high).
- Easy installation and service.
 - Air intake can be positioned either at the back or below.
 - Self-diagnostic troubleshooting function.
 - Easy wiring and piping connections.
- Super quiet operation (indoor unit only 30-32 dB(A) at low speed, outdoor unit only 50-54 dB(A)).
- Expensive duct work not required.
- Installed with direct driven forward curved centrifugal fan and 2-speed motor.
- Energy saving guarantees economy for users.
- Optional air filter (PAC-1000FT) is available.



Specifications

Function	Model	SE-1.6AR		SE-2AR		SE-2.5AR	
		Cooling		Cooling		Cooling	
Power Supply	Phase	1 ph	1 ph	1 ph	1 ph	1 ph	1 ph
	V	220 - 240	220	220 - 240	220	220 - 240	220
	Hz	50	60	50	60	50	60
Capacity *1 (*2)	W	4000	3800	5600	5900 (5200)	6600	7000 (6100)
	BTU/h	13600	13000	19100	20100 (17700)	22500	23900 (20800)
Input *1 (*2)	kW	1.49 - 1.55	1.50	2.25 - 2.35	2.5 (2.85)	3.03 - 3.05	2.92 (3.3)
Indoor unit		SE-1.6AR		SE-2AR		SE-2.5AR	
Airflow (Lo-Hi)	CMM	10 - 13		12 - 17		12 - 20	
External static pressure	Pa(mmaq)	Std. 30 (3) (Max. 50 (5)) *3					
Noise level (Lo-Hi)	dB(A)	30 - 35		31 - 39		32 - 43	
Dimensions (WxDxH)	mm	1100 x 700 x 270					
Weight	kg	35					
Outdoor unit		SU-1.6VR	SU-1.6NR	SU-2VR(T)	SU-2NR	SU-2.5VR(T)	SU-2.5NR
Noise level (Lo-Hi)	dB(A)	50	51	52	53	50 - 53	50 - 54
Dimensions (WxDxH)	mm	850 x 290 x 605					
Weight	kg	38		55		61	
Max. Pipe length/Height difference		15m / 7m					
Additional refrigerant charge		Necessary *4					
Pipe size OD (mm)	Gas	ø12.7		ø15.88		ø15.88	
	Liquid	ø6.35		ø6.35		ø9.52	

Note: *1. Rating condition (JIS B8616) Cooling: indoor 27°C DB, 19.0°C WB Outdoor 35°C DB
 *2. Rating condition (SSA 385, 386) Cooling: indoor 29°C DB, 19.0°C WB Outdoor 46°C DB, 24°C WB
 Refrigerant piping length (one way) : 5m
 *3. When the unit installation is designed at the max. static pressure 50 Pa., capacity will be down approximately 5%. Please refer to the technical manual for the details.
 *4. When the piping length is over 7 m.

Guaranteed Operating Range

Cooling		Indoor	Outdoor		
			SU-1.6VR, 2VR, 2.5VR / SU-1.6NR	SU-2VRT, 2.5VRT / SU-2NR, 2.5NR	
	Upper Limit	32°C DB, 23°CWB	46°C DB, -	52°C DB, -	
	Lower Limit	21°C DB, 15°CWB	21°C DB, -	21°C DB, -	

Convenient LED Microprocessor Remote Control

The ultra-thin 12mm(1/2") remote controller features an attractive and easy-to-read LED display which simultaneously indicates set temperature and room temperature. For extra convenience, the remote controller's microprocessor quickly detects malfunctions and pin-points the location via the self-diagnostic troubleshooting function. Other features include a 12-hour On-Off timer and memory for storing instructions.



MITSUBISHI ELECTRIC CORPORATION
 HEAD OFFICE: MITSUBISHI DENKI BLDG., 2-2-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

