

R1 Type Concealed Floor Standing

At just 229mm deep, the R1 unit can be easily concealed in perimeter areas to provide powerful and effective air conditioning



Technical focus

- Chassis unit for discreet installation
- Complete with removable filters
- Pipes can be connected to either side of the unit from the bottom or rear
- Easy to install



PAW-RE2C4
Optional Controller.
Control for hotel application.



CZ-RTC5B
Optional Controller.
Wired remote controller.
Compatible with Econavi.



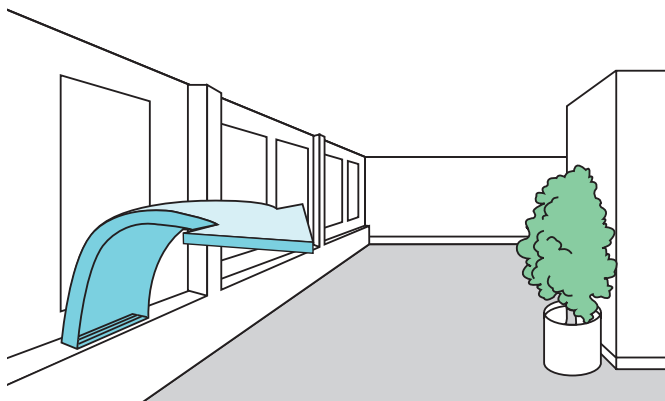
CZ-RWS3 + CZ-RWRC3
Optional Controller.
Infrared remote controller.



CZ-RE2C2
Optional Controller.
Simplified wired remote controller.

Model		S-22MR1E5	S-28MR1E5	S-36MR1E5	S-45MR1E5	S-56MR1E5	S-71MR1E5
Cooling capacity	kW	2,20	2,80	3,60	4,50	5,60	7,10
Input power cooling	W	56,00	56,00	85,00	126,00	126,00	160,00
Operating current cooling	A	0,25	0,25	0,38	0,56	0,56	0,72
Heating capacity	kW	2,50	3,20	4,20	5,00	6,30	8,00
Input power heating	W	40,00	40,00	70,00	91,00	91,00	120,00
Operating current heating	A	0,18	0,18	0,31	0,41	0,41	0,54
Fan type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
Air volume	Hi / Med / Lo m ³ /min	7,00/6,00/5,00	7,00/6,00/5,00	9,00/7,00/6,00	12,00/9,00/8,00	15,00/13,00/11,00	17,00/14,00/12,00
External static pressure	Pa	15	15	15	15	15	15
Sound pressure	Hi / Med / Lo dB(A)	33/30/28	33/30/28	39/35/29	38/35/31	39/36/31	41/38/35
Dimensions	H x W x D mm	616 x 904 x 229	616 x 904 x 229	616 x 904 x 229	616 x 1219 x 229	616 x 1219 x 229	616 x 1219 x 229
Net weight	kg	21	21	21	28	28	28
Piping connections	Liquid pipe	Inch (mm) 1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	3/8 (9,52)
	Gas pipe	Inch (mm) 1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)

Perimeter air conditioning with high interior quality



SELF-DIAGNOSING
 AUTOMATIC FAN
 HUMIDITY CONTROL DRY
 AUTOMATIC RESTART
 OPTIONAL WLAN
 BMS CONNECTIVITY
 INTERNET CONTROL: Optional

12. Concealed Floor Standing (Type R1)

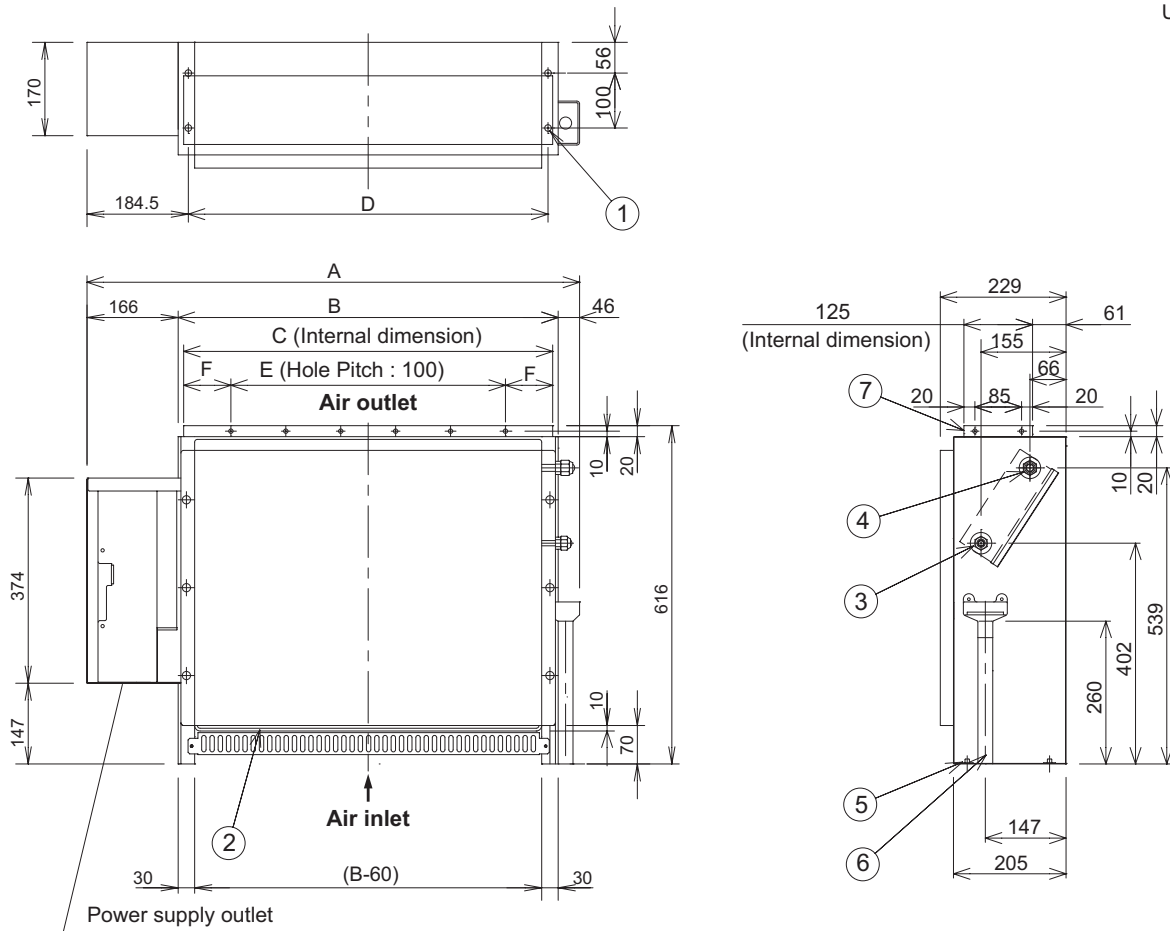
12-3. Dimensional Data

Indoor unit: S-22MR1E5, S-28MR1E5, S-36MR1E5, S-45MR1E5, S-56MR1E5, S-71MR1E5

unit: mm

Indoor unit	A	B	C	D	E	F	Liquid tube	Gas tube
S-22MR1E5, S-28MR1E5, S-36MR1E5	904	692	672	665	500	86	ø6.35	ø12.7
S-45MR1E5	1219	1007	1002	980	900	51		
S-56MR1E5								
S-71MR1E5							ø9.52	ø15.88

Unit: mm



- ① 4-ø12 hole (For fastening the indoor unit to the floor with screws.)
- ② Air filter
- ③ Refrigerant connection outlet (liquid tube)
- ④ Refrigerant connection outlet (gas tube)
- ⑤ Level adjusting bolt
- ⑥ Drain outlet (20 A)
- ⑦ Flange for the air-outlet duct

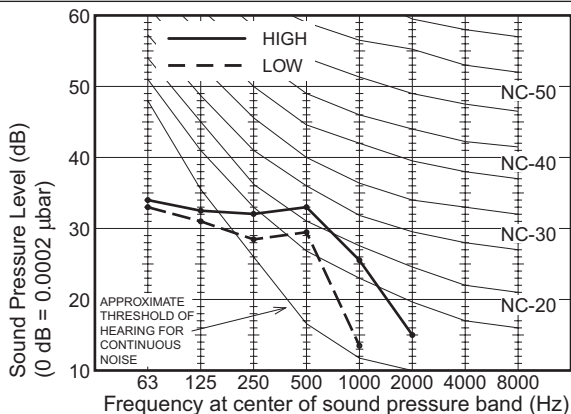
NOTE

Make an opening in the housing of the unit so that maintenance service can be performed on the electric component box, air filter, refrigerant tubing connection, and drain pipe.

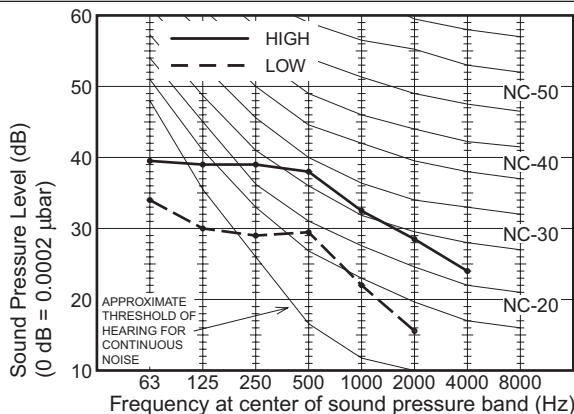
12. Concealed Floor Standing (Type R1)

12-4. Noise Criterion Curves

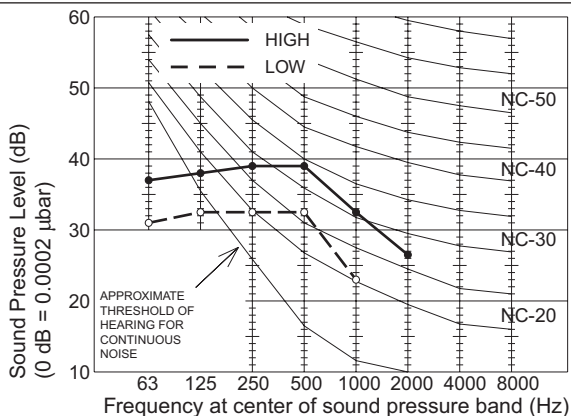
MODEL	: S-22MR1E5, S-28MR1E5
SOUND LEVEL	: HIGH 33 dB(A), NC 27
	LOW 28 dB(A), NC 23
CONDITION	In front of the unit 1 m, HEIGHT 1 m
SOURCE	: 220 - 230- 240 V, Single-phase, 50/60 Hz



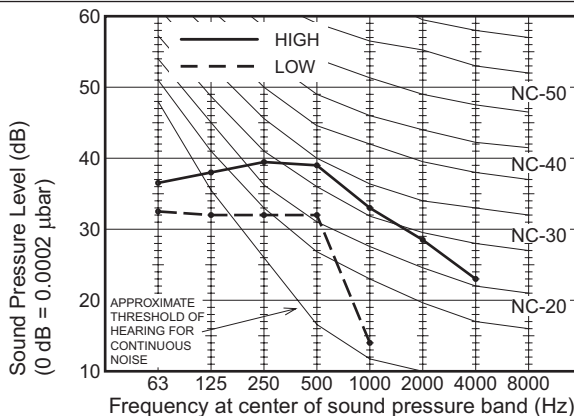
MODEL	: S-36MR1E5
SOUND LEVEL	: HIGH 39 dB(A), NC 33
	LOW 29 dB(A), NC 23
CONDITION	: In front of the unit 1 m, HEIGHT 1 m
SOURCE	: 220 - 230- 240 V, Single-phase, 50/60 Hz



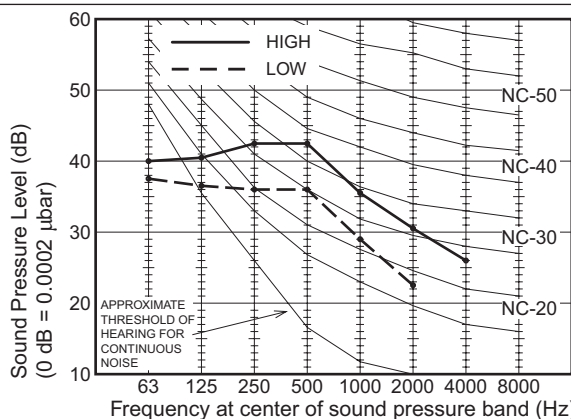
MODEL	: S-45MR1E5
SOUND LEVEL	: HIGH 38 dB(A),
	LOW 31 dB(A),
CONDITION	In front of the unit 1 m, HEIGHT 1 m
SOURCE	: 220 - 230- 240 V, Single-phase, 50/60 Hz



MODEL	: S-56MR1E5
SOUND LEVEL	: HIGH 39 dB(A), NC 34
	LOW 31 dB(A), NC 26
CONDITION	: In front of the unit 1 m, HEIGHT 1 m
SOURCE	: 220 - 230- 240 V, Single-phase, 50/60 Hz



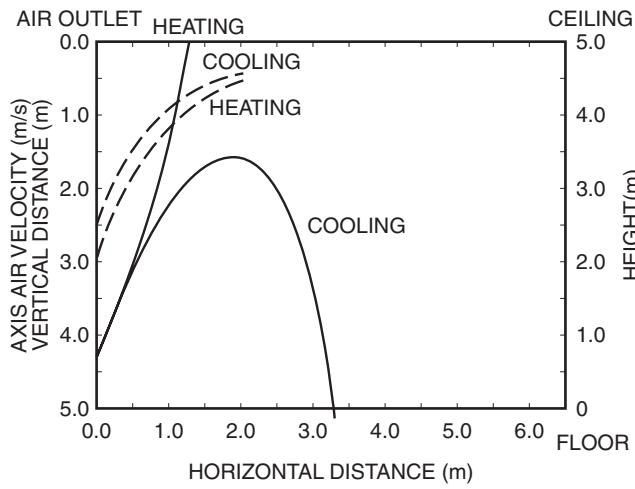
MODEL	: S-71MR1E5
SOUND LEVEL	: HIGH 41 dB(A), NC 37
	LOW 35 dB(A), NC 30
CONDITION	: In front of the unit 1 m, HEIGHT 1 m
SOURCE	: 220 - 230- 240 V, Single-phase, 50/60 Hz



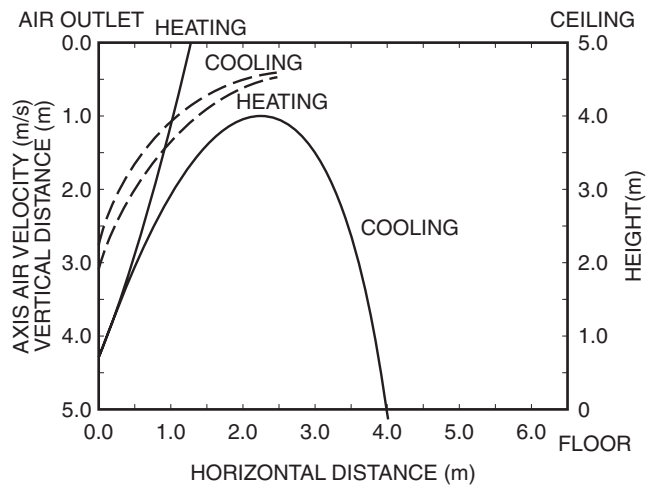
12. Concealed Floor Standing (Type R1)

12-5. Air Flow Distance Chart

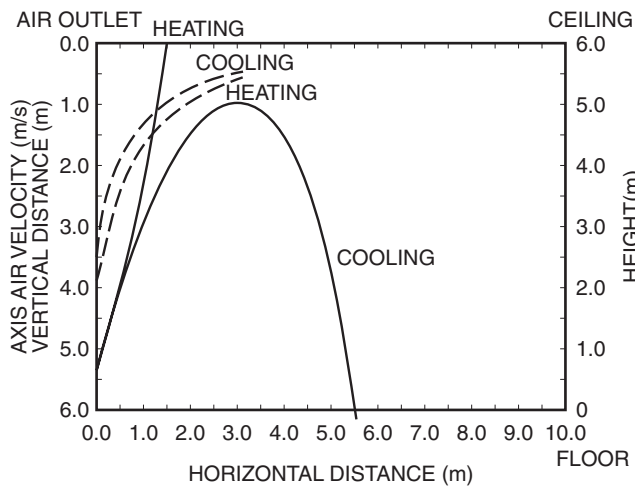
S-22MR1E5, S-28MR1E5



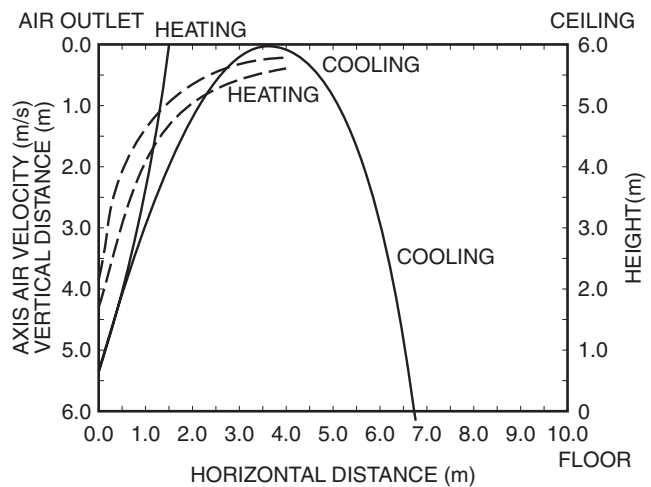
S-36MR1E5



S-45MR1E5, S-56MR1E5



S-71MR1E5



Air conditioner fan speed : Hi
 Room air temp. : 27°C DB in Cooling mode
 20°C DB in Heating mode

12. Concealed Floor Standing (Type R1)

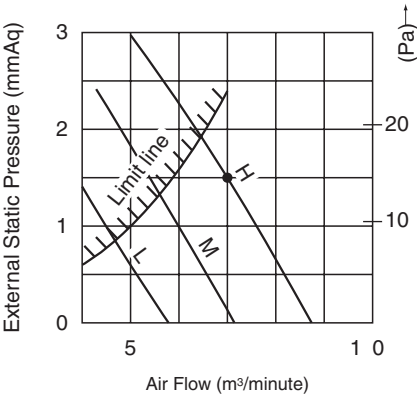
12-6. Indoor Fan Performance

How to Read the Diagram

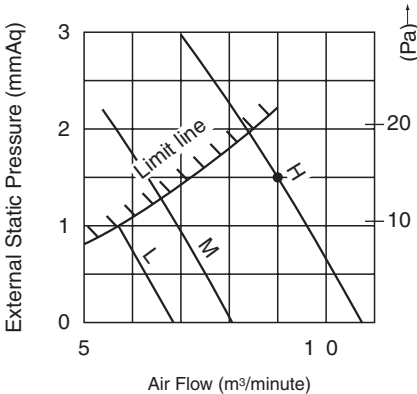
The vertical axis is the EXTERNAL STATIC PRESSURE (mmAq) while the horizontal axis represents the AIR FLOW (m³/minute). The characteristic curve for the “H”, “Med”, and “Lo” fan speed control.

The name plate values are shown based on the “H” air flow. Therefore in the case of the 71 type the flow is 17 m³/ minute, while the EXTERNAL STATIC PRESSURE is 1.5 mmAq at “H” position. If the external static pressure is too great (due to long extension of duct, for example), the air flow volume may drop too low at each air outlet.

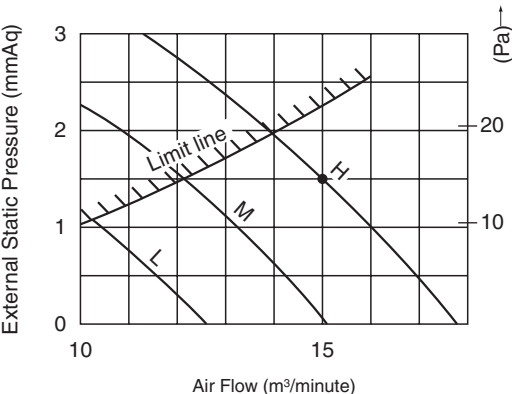
S-22MR1E5, S-28MR1E5



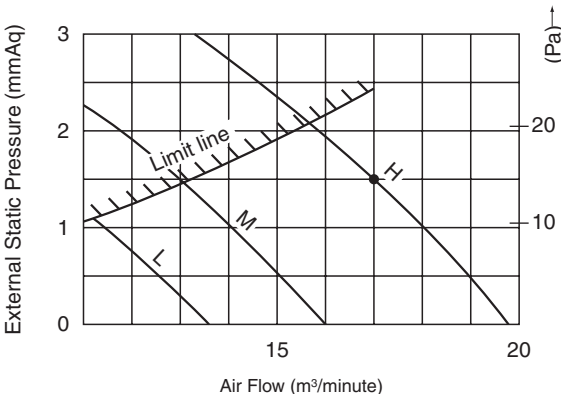
S-36MR1E5



S-45MR1E5, S-56MR1E5



S-71MR1E5



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