

D1 Type 1 Way Cassette

Designed for installation within the ceiling void, the D1 range of slimline 1 way blow Cassettes feature powerful yet quiet fans for up to 4,2m.



CZ-KPD2 Panel

Technical focus

- Ultra-Slim
- Suitable for standard and high ceilings
- Built-in drain pump provides 590mm lift
- Easy to install and maintain
- Hanging height can be easily adjusted
- Uses a DC-Fan motor to improve energy-efficiency



PAW-RE2C4
Optional Controller.
Control for hotel application.



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



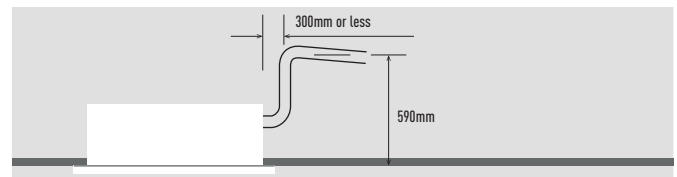
CZ-RWS3 + CZ-RWRD3
Optional Controller.
Infrared remote controller.



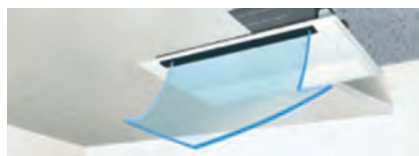
CZ-RE2C2
Optional Controller.
Simplified wired remote controller.

Model		S-28MD1E5	S-36MD1E5	S-45MD1E5	S-56MD1E5	S-73MD1E5
Cooling capacity	kW	2,80	3,60	4,50	5,60	7,30
Input power cooling	W	51,00	51,00	51,00	60,00	87,00
Operating current cooling	A	0,39	0,39	0,39	0,46	0,70
Heating capacity	kW	3,20	4,20	5,00	6,30	8,00
Input power heating	W	40,00	40,00	40,00	48,00	76,00
Operating current heating	A	0,35	0,35	0,35	0,41	0,65
Fan type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
Air volume	Hi / Med / Lo m ³ /min	12,00/10,00/9,00	12,00/10,00/9,00	12,00/11,00/10,00	13,00/11,50/10,00	18,00/15,00/13,00
Sound pressure	Hi / Med / Lo dB(A)	36/34/33	36/34/33	36/35/34	38/36/34	45/40/36
Dimension (HxWxD)	Indoor mm	200x1000x710	200x1000x710	200x1000x710	200x1000x710	200x1000x710
	Panel mm	20x1230x800	20x1230x800	20x1230x800	20x1230x800	20x1230x800
Net weight (Panel)	kg	21 (5,5)	21 (5,5)	21 (5,5)	21 (5,5)	22 (5,5)
Piping connections	Liquid pipe Inch (mm)	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)	5/8 (15,88)

Drain height



With 3 types of air-blow systems, the units can be used in various ways



1. One-direction "down-blow" system.
Powerful one-direction "down-blow" system reaches the floor even from high ceilings (up to 4,2m).



2. Two-direction ceiling-mounted system.
"Down-blow" and "front-blow" systems are combined in a ceiling-mounted unit to blow air over a wide area.



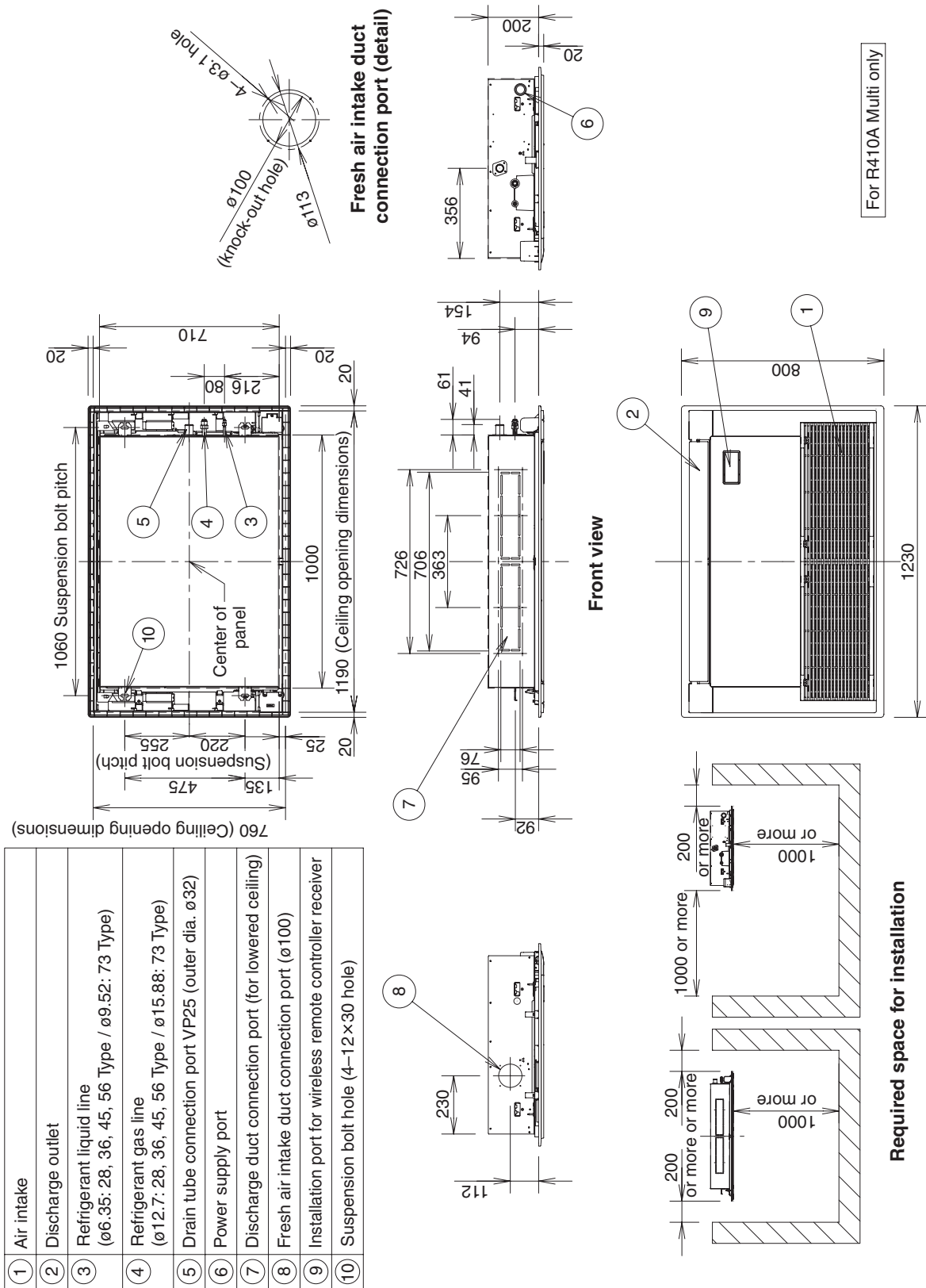
3. One-direction ceiling-mounted system.
This powerful ceiling-mounted "front-blow" system efficiently air-conditions the space in front of the unit. (Additional accessories required).

SELF-DIAGNOSING |
 AUTOMATIC FAN |
 HUMIDITY CONTROL DRY |
 AUTO-FLAP CONTROL |
 AUTOMATIC RESTART |
 AIR SWEEP |
 BUILT-IN DRAIN PUMP |
 OPTIONAL WLAN |
 BMS CONNECTIVITY |
 INTERNET CONTROL: Optional.

10. 1-Way Cassette (Type D1)

10-3. Dimensional Data

Indoor unit: S-28MD1E5, S-36MD1E5, S-45MD1E5, S-56MD1E5, S-73MD1E5

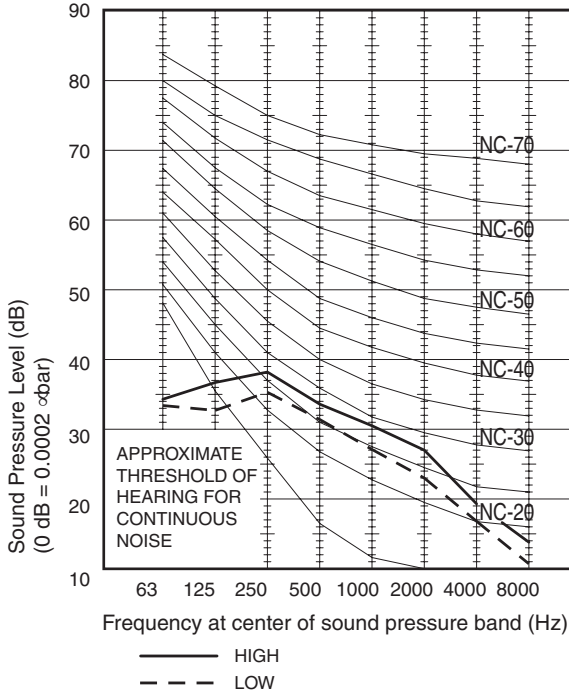


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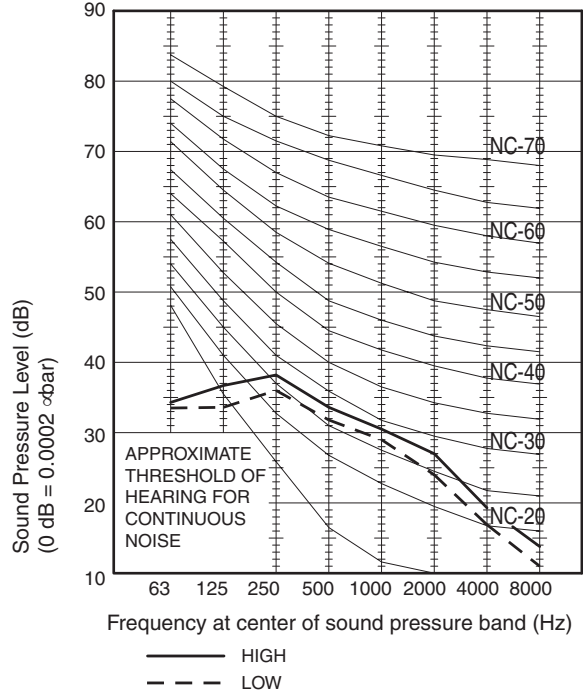
10. 1-Way Cassette (Type D1)

10-4. Noise Criterion Curves

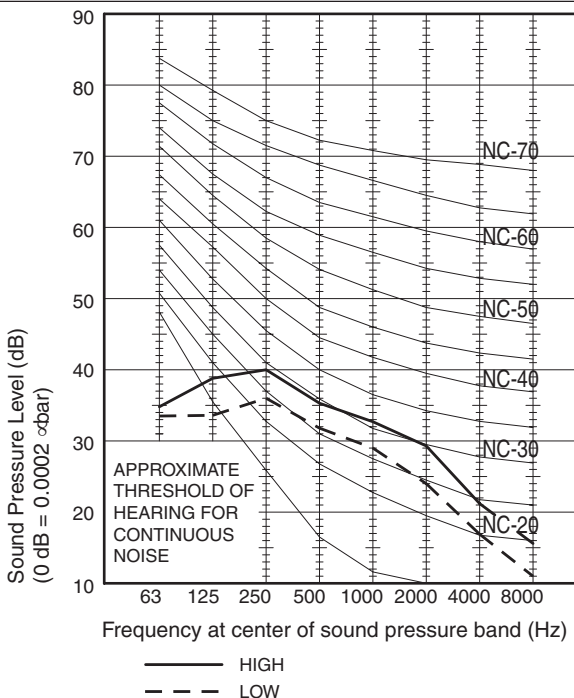
MODEL : S-28MD1E5, S-36MD1E5
 SOUND LEVEL : HIGH 36 dB(A), NC 29 / LOW 33 dB(A), NC 25
 CONDITION : Under the unit 1.5 m
 SOURCE : 220 - 230 - 240 V, Single-phase, 50/60 Hz



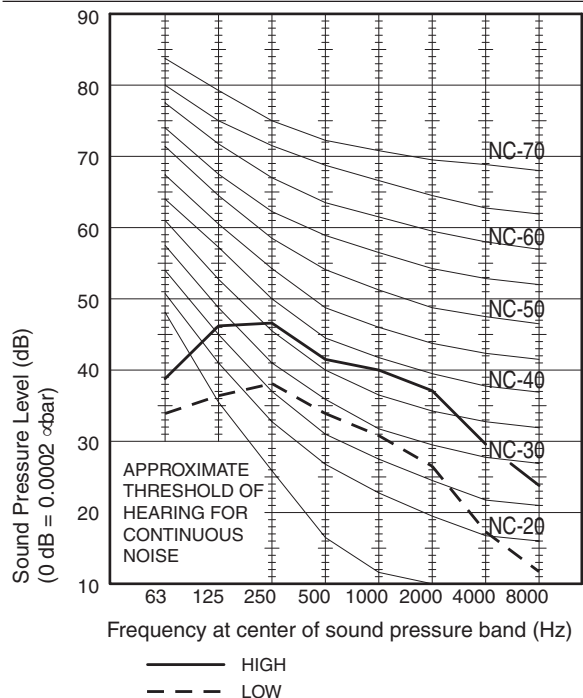
MODEL : S-45MD1E5
 SOUND LEVEL : HIGH 36 dB(A), NC 29 / LOW 34 dB(A), NC 27
 CONDITION : Under the unit 1.5 m
 SOURCE : 220 - 230 - 240 V, Single-phase, 50/60 Hz



MODEL : S-56MD1E5
 SOUND LEVEL : HIGH 38 dB(A), NC 31 / LOW 34 dB(A), NC 27
 CONDITION : Under the unit 1.5 m
 SOURCE : 220 - 230 - 240 V, Single-phase, 50/60 Hz



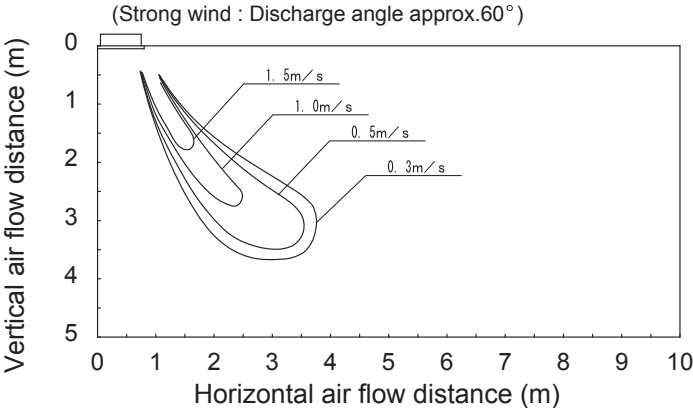
MODEL : S-73MD1E5
 SOUND LEVEL : HIGH 45 dB(A), NC 38 / LOW 36 dB(A), NC 29
 CONDITION : Under the unit 1.5 m
 SOURCE : 220 - 230 - 240 V, Single-phase, 50/60 Hz



10. 1-Way Cassette (Type D1)

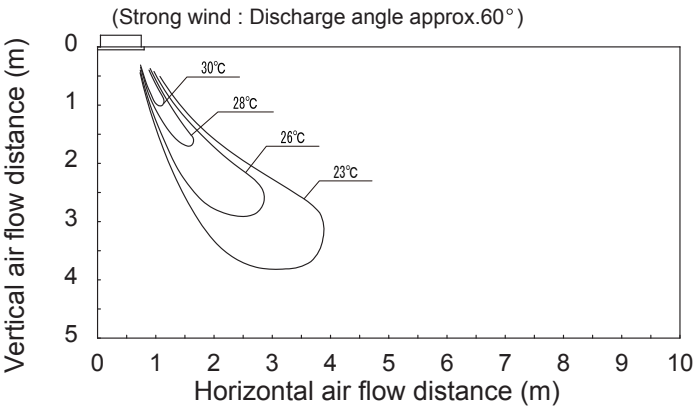
10-5. Air Flow Distance / Temperature Chart S-28MD1E5, S-36MD1E5, S-45MD1E5, S-56MD1E5

Heating : Distribution of wind velocity



(Room temperature approx.20°C)

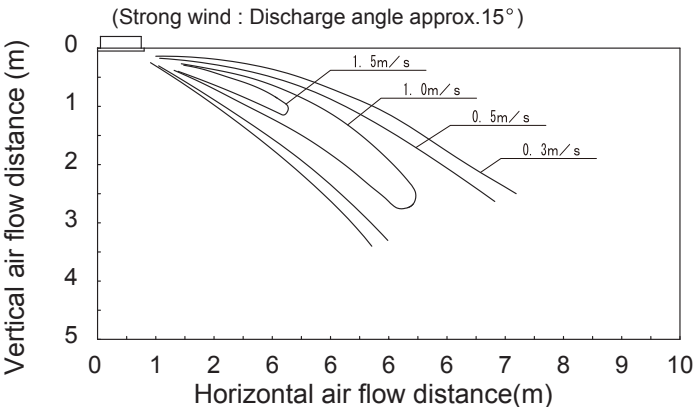
Heating : Distribution of temperature



(Room temperature approx.20°C)

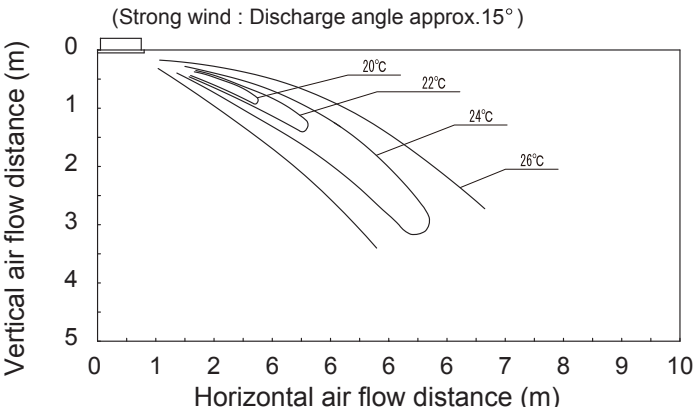
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Cooling : Distribution of wind velocity



(Room temperature approx.27°C)

Cooling : Distribution of temperature



(Room temperature approx.27°C)

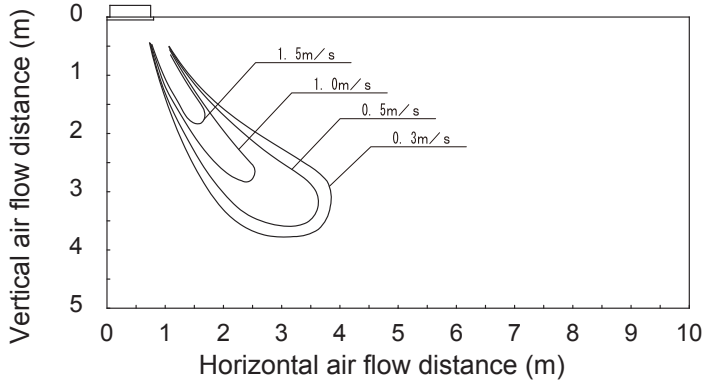
10. 1-Way Cassette (Type D1)

S-73MD1E5

Heating : Distribution of wind velocity

(Strong wind : Discharge angle approx.60°)

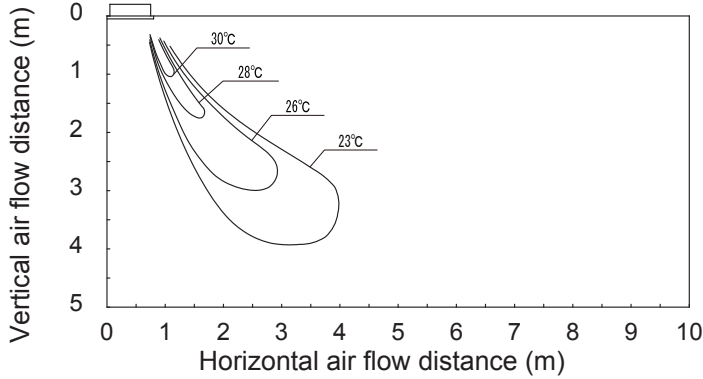
(Room temperature approx.20°C)



Heating : Distribution of temperature

(Strong wind : Discharge angle approx.60°)

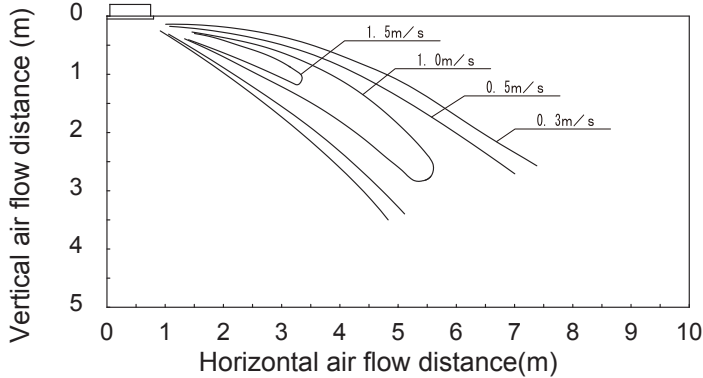
(Room temperature approx.20°C)



Cooling : Distribution of wind velocity

(Strong wind : Discharge angle approx.15°)

(Room temperature approx.27°C)



Cooling : Distribution of temperature

(Strong wind : Discharge angle approx.15°)

(Room temperature approx.27°C)

