

## T2 Type Ceiling



The T2 Type Ceiling mounted units feature a DC-Fan motor for increased efficiency and reduced operating sound levels

All the units are the same height and depth for a uniform appearance in mixed installations and feature a fresh air knockout for improved air quality.

### Technical focus

- Low sound levels
- New design, all units just 235mm high
- Large and wide air distribution
- Easy to install and maintain
- Fresh air knockout



**PAW-RE2C4**  
Optional Controller.  
Control for hotel application.



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



**CZ-CENSC1**  
Optional Econavi Sensor.



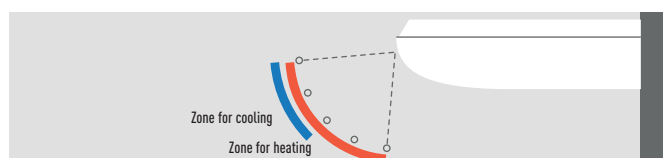
**CZ-RWS3 + CZ-RWRT3**  
Optional Controller.  
Infrared remote controller.



**CZ-RE2C2**  
Optional Controller.  
Simplified wired remote controller.

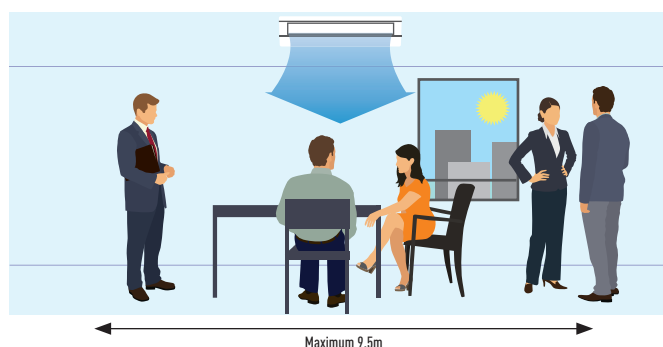
Model		S-36MT2E5A	S-45MT2E5A	S-56MT2E5A	S-73MT2E5A	S-106MT2E5A	S-140MT2E5A	
Cooling capacity	kW	3,60	4,50	5,60	7,30	10,60	14,00	
Input power cooling	W	35,00	40,00	40,00	55,00	80,00	100,00	
Operating current cooling	A	0,36	0,38	0,38	0,44	0,67	0,79	
Heating capacity	kW	4,20	5,00	6,30	8,00	11,40	16,00	
Input power heating	W	35,00	40,00	40,00	55,00	80,00	100,00	
Operating current heating	A	0,36	0,38	0,38	0,44	0,67	0,79	
Fan type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	
Air volume	Hi / Med / Lo	m <sup>3</sup> /min	14,00/12,00/10,50	15,00/12,50/10,50	15,00/12,50/10,50	21,00/18,00/15,50	30,00/25,00/23,00	32,00/28,00/24,00
Sound pressure	Hi / Med / Lo	dB(A)	36/32/30	37/33/30	37/33/30	39/35/33	42/37/36	46/40/37
Sound power	Hi / Med / Lo	dB	54/50/48	55/51/48	55/51/48	57/53/51	60/55/54	62/58/55
Dimension	H x W x D	mm	235 x 960 x 690	235 x 960 x 690	235 x 960 x 690	235 x 1275 x 690	235 x 1590 x 690	235 x 1590 x 690
Net weight		kg	27	27	27	33	40	40
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)
	Gas pipe	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)

### Air distribution is altered depending on the operational mode



### Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9,5m. This is ideal for wide rooms. The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.



ECONAVI

SELF-DIAGNOSING

AUTOMATIC FAN

HUMIDITY CONTROL DRY

AUTO-FLAP CONTROL

AUTOMATIC RESTART

AIR SWEEP

OPTIONAL WLAN

BMS CONNECTIVITY

ECONAVI and INTERNET CONTROL: Optional.

### 4. Ceiling (Type T2)

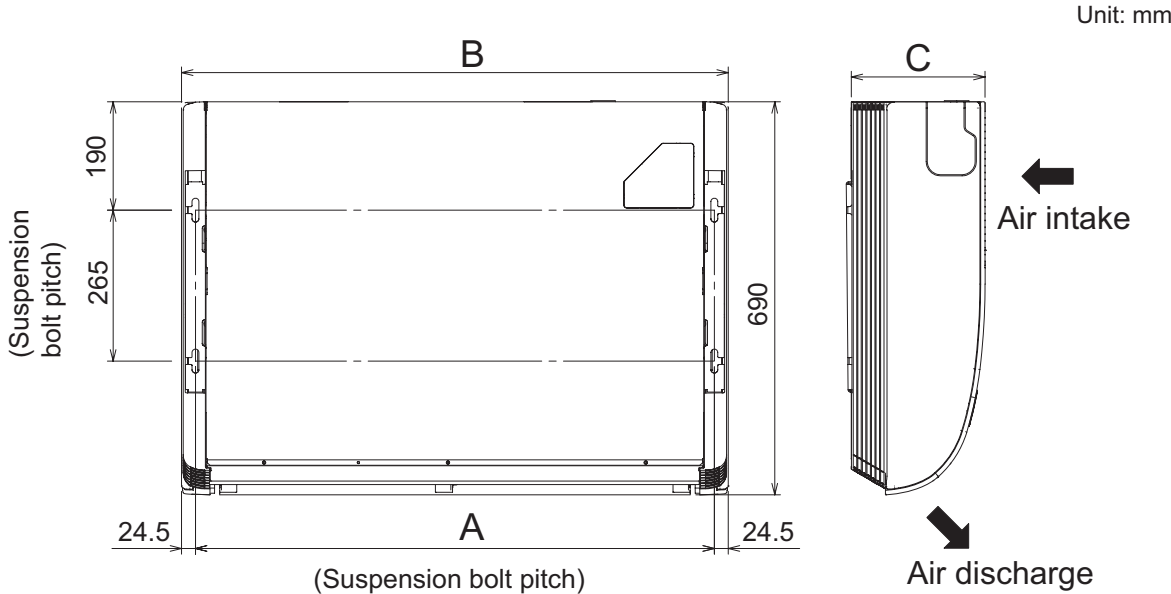
#### 4-3. Dimensional Data

Indoor unit: S-36MT2E5A, S-45MT2E5A, S-56MT2E5A, S-73MT2E5A, S-106MT2E5A, S-140MT2E5A

Dimensions of suspension bolt pitch and unit

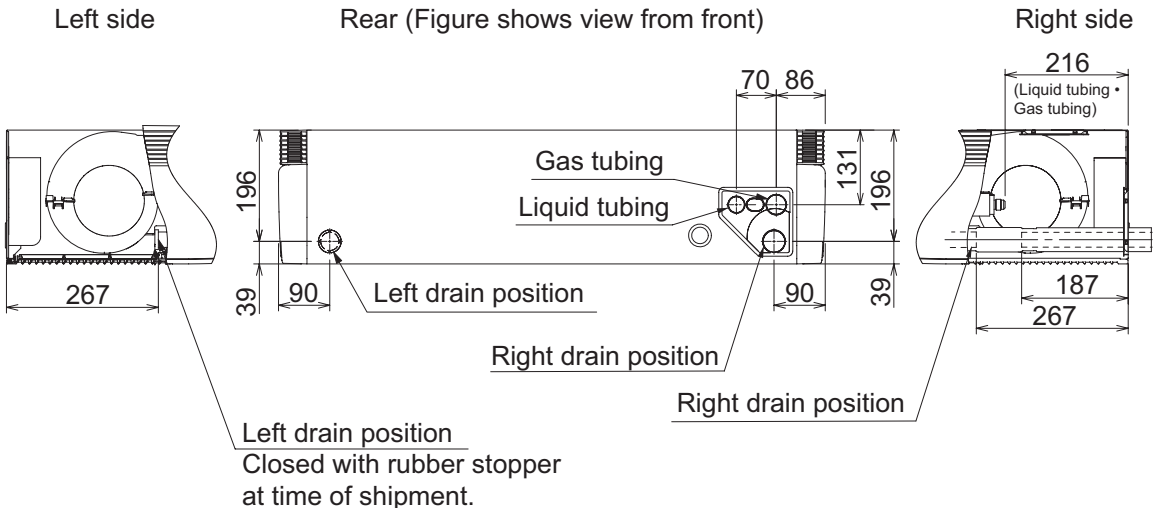
Unit: mm

Indoor unit	A	B	C
S-36MT2E5A, S-45MT2E5A, S-56MT2E5A	911	960	235
S-73MT2E5A	1226	1275	235
S-106MT2E5A, S-140MT2E5A	1541	1590	235



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#### Refrigerant tubing • drain hose position



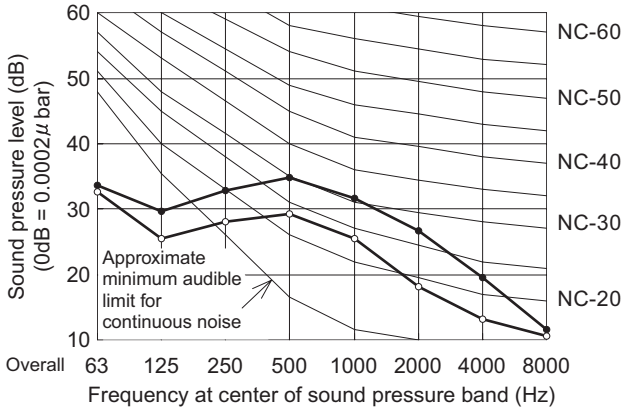
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### 4-4. Noise Criterion Curves

Both 50Hz and 60Hz  
 —●— Strong  
 -○- Weak

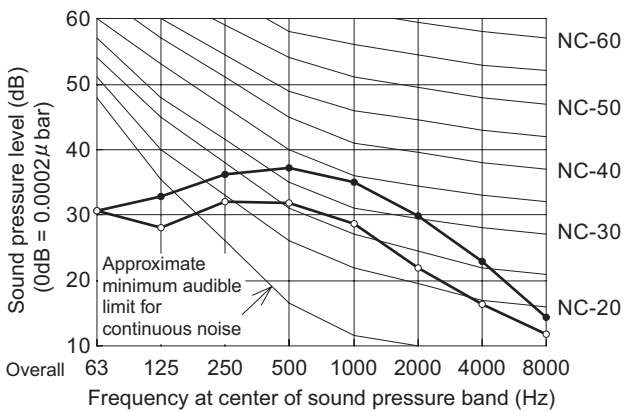
MODEL	: S-36MT2E5A
SOUND LEVEL	: STRONG 36 dB(A)
LEVEL	HIGH 32 dB(A)
	LOW 30 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



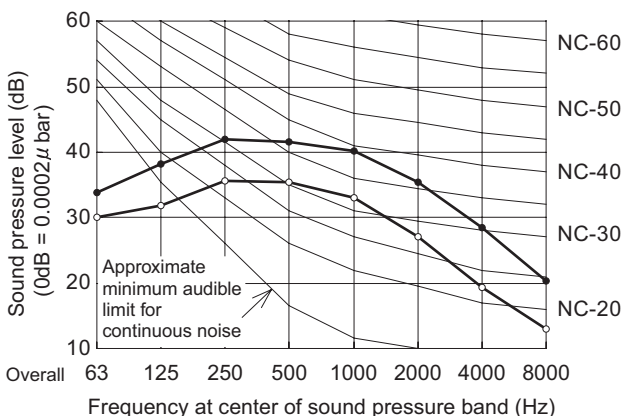
MODEL	: S-73MT2E5A
SOUND LEVEL	: STRONG 39 dB(A)
LEVEL	HIGH 35 dB(A)
	LOW 33 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



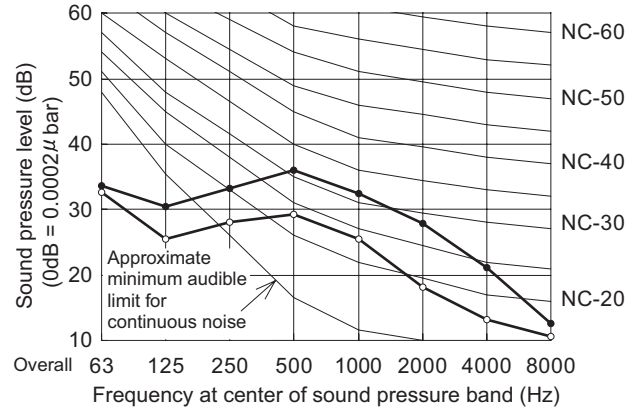
MODEL	: S-140MT2E5A
SOUND LEVEL	: STRONG 44 dB(A)
LEVEL	HIGH 40 dB(A)
	LOW 37 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



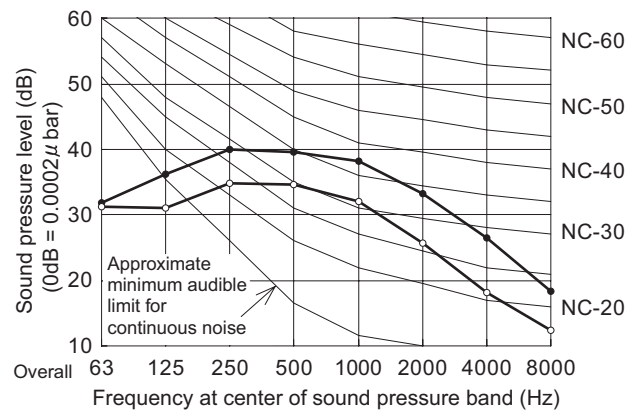
MODEL	: S-45MT2E5A, S-56MT2E5A
SOUND LEVEL	: STRONG 37 dB(A)
LEVEL	HIGH 33 dB(A)
	LOW 30 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



MODEL	: S-106MT2E5A
SOUND LEVEL	: STRONG 42 dB(A)
LEVEL	HIGH 37 dB(A)
	LOW 36 dB(A)

CONDITION : 1m in front of air discharge and then 1m below

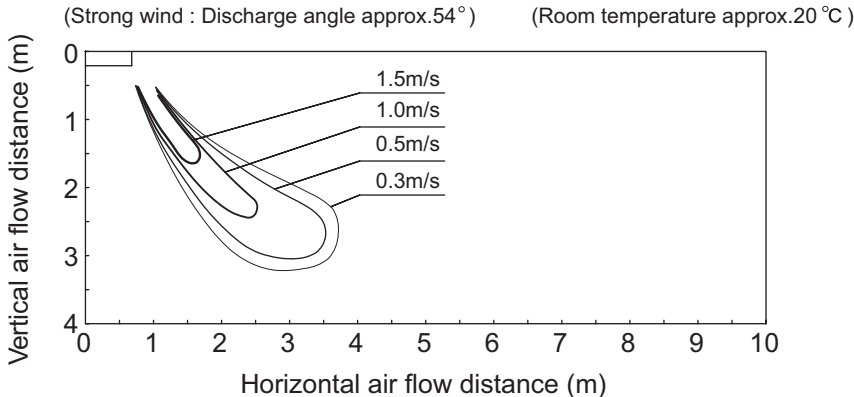


### 4. Ceiling (Type T2)

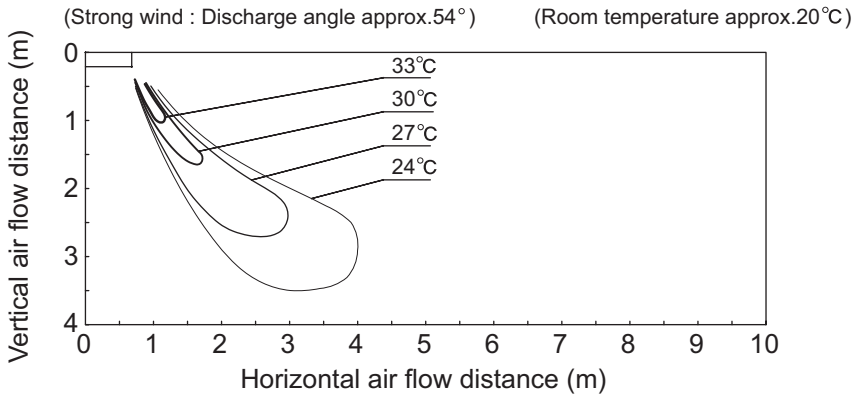
#### 4-5. Air Flow Distance / Temperature Chart

S-36MT2E5A, S-45MT2E5A, S-56MT2E5A

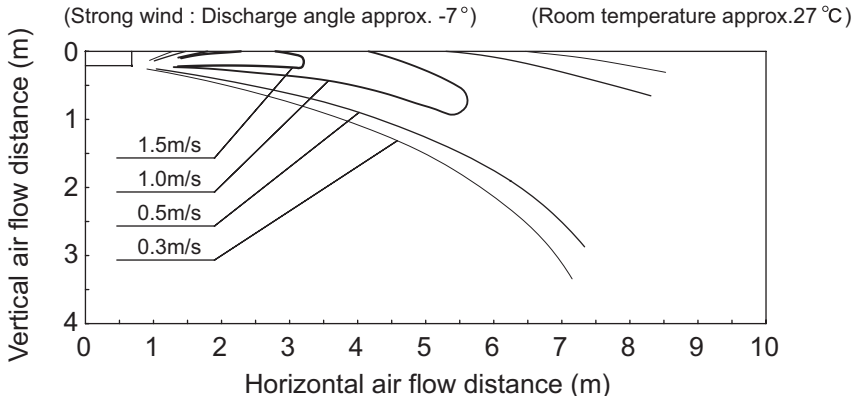
Heating : Distribution of wind velocity



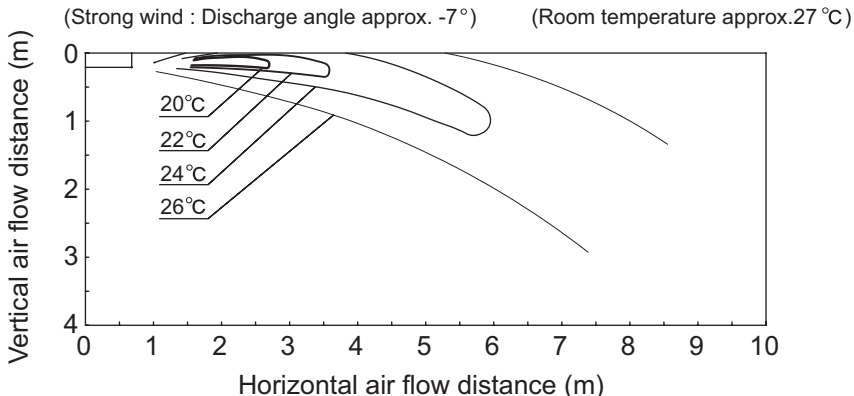
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



Cooling : Distribution of temperature

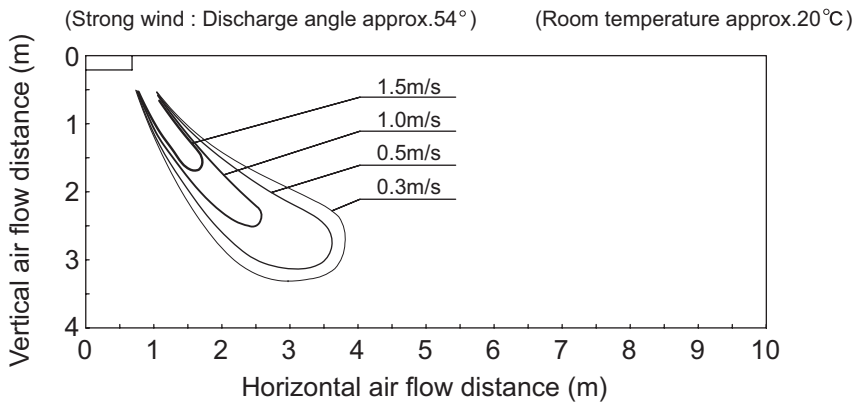


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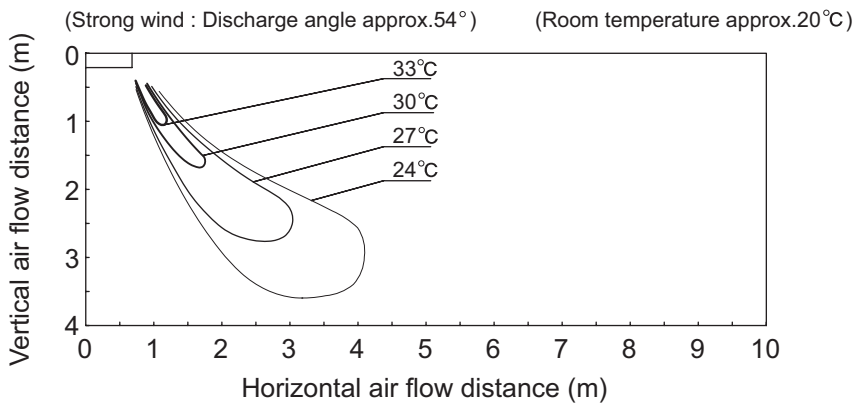
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### S-73MT2E5A, S-106MT2E5A

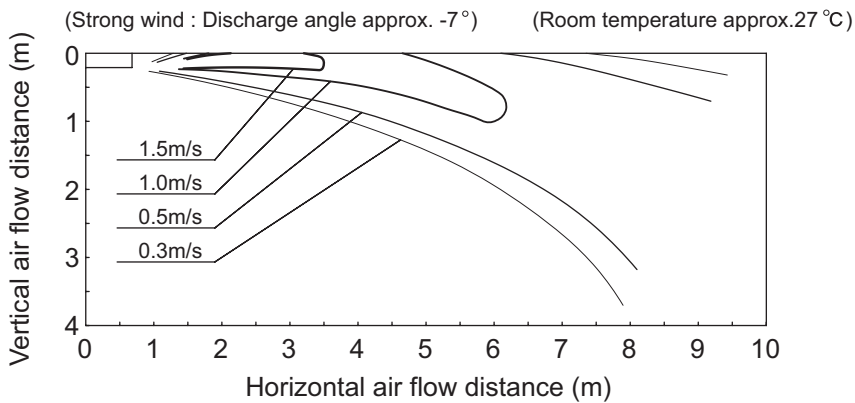
Heating : Distribution of wind velocity



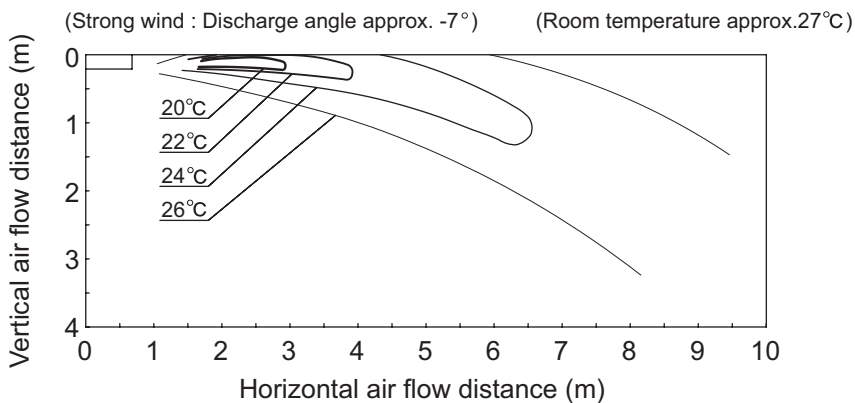
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



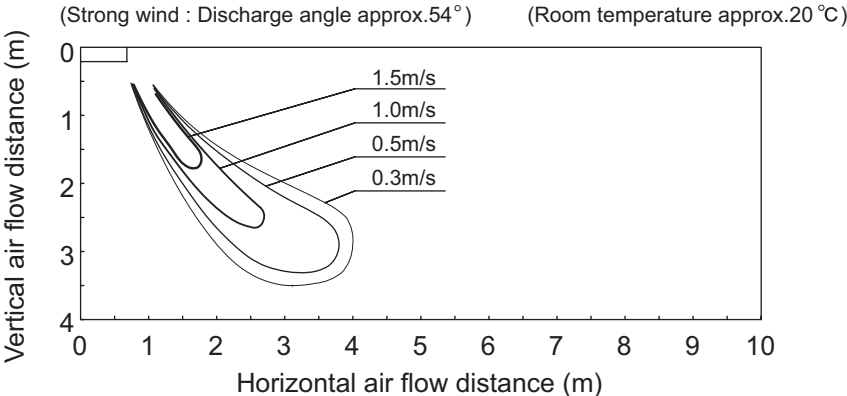
Cooling : Distribution of temperature



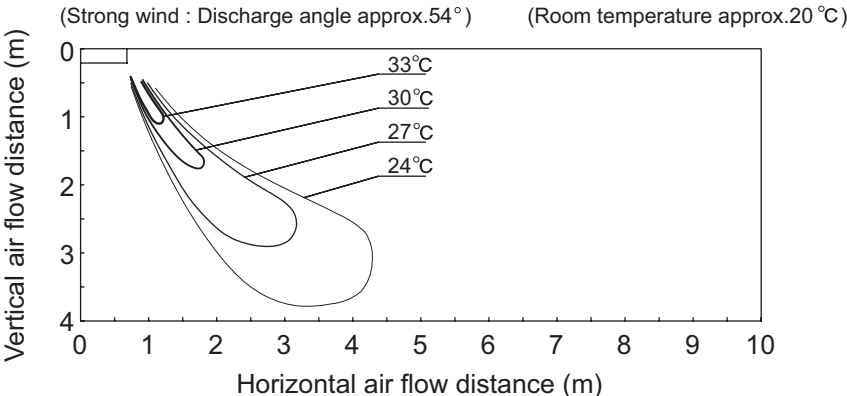
### 4. Ceiling (Type T2)

#### S-140MT2E5A

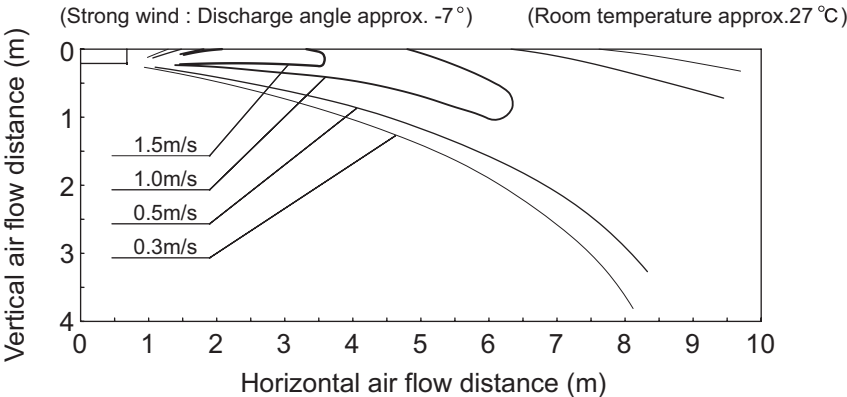
Heating : Distribution of wind velocity



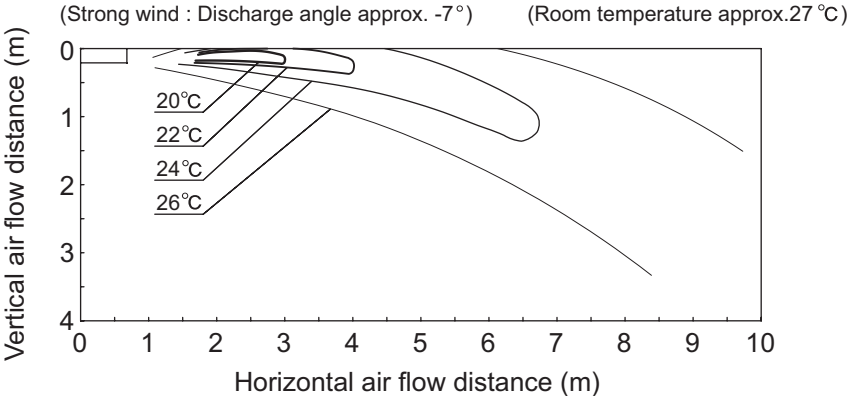
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



Cooling : Distribution of temperature



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