

NEW  
2021

## NEW Y2 Type 4 way 60x60 cassette • R32/R410A

**Designed to fit exactly into a 600 x 600 mm ceiling grid without the need to alter the bar configuration.**

The Y2 is ideal for small commercial and retrofit applications. In addition, the improvements to efficiency make this one of the most advanced units in the industry.

COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Model			S-15MY2E5B	S-22MY2E5B	S-28MY2E5B	S-36MY2E5B	S-45MY2E5B	S-56MY2E5B
Cooling capacity		kW	1,5	2,2	2,8	3,6	4,5	5,6
Input power cooling		W	35,00	35,00	35,00	40,00	40,00	45,00
Operating current cooling		A	0,30	0,30	0,30	0,30	0,32	0,35
Heating capacity		kW	1,7	2,5	3,2	4,2	5,0	6,3
Input power heating		W	30,00	30,00	30,00	35,00	35,00	40,00
Operating current heating		A	0,25	0,25	0,30	0,30	0,30	0,30
Fan type			Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
Air flow (Hi / Med / Lo)	Cool	m <sup>3</sup> /min	8,90/8,20/5,60	9,10/8,20/5,60	9,30/8,40/5,60	9,70/8,70/6,00	10,00/9,30/8,20	10,40/9,80/8,50
	Heat	m <sup>3</sup> /min	9,10/8,40/5,60	9,30/8,40/5,60	9,60/8,70/5,60	9,90/9,10/6,00	10,30/9,60/8,20	11,10/9,80/8,70
Sound pressure	Hi / Med / Lo	dB(A)	34/31/25	35/31/25	35/31/25	36/32/26	38/34/28	40/37/34
Sound power	Hi / Med / Lo	dB(A)	49/46/40	50/46/40	50/46/40	51/47/41	53/49/43	55/52/49
Dimension (H x W x D)	Indoor	mm	288 x 583 x 583	288 x 583 x 583	288 x 583 x 583	288 x 583 x 583	288 x 583 x 583	288 x 583 x 583
	Panel AW	mm	31 x 700 x 700	31 x 700 x 700	31 x 700 x 700	31 x 700 x 700	31 x 700 x 700	31 x 700 x 700
	Panel BW	mm	31 x 625 x 625	31 x 625 x 625	31 x 625 x 625	31 x 625 x 625	31 x 625 x 625	31 x 625 x 625
Net weight		kg	20,4(18+2,4)	20,4(18+2,4)	20,4(18+2,4)	20,4(18+2,4)	20,4(18+2,4)	20,4(18+2,4)
Pipe diameter	Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)
	Gas pipe	Inch (mm)	1/2(12,70)	1/2(12,70)	1/2(12,70)	1/2(12,70)	1/2(12,70)	1/2(12,70)

## Accessories

<b>CZ-RTC6</b>	CONEX wired remote controller (non-wireless)
<b>CZ-RTC6BL</b>	CONEX wired remote controller with Bluetooth®
<b>CZ-RTC5B</b>	Wired remote controller with Econavi function
<b>CZ-RWS3</b>	Infrared remote controller
<b>PAW-RE2C4</b>	Wired remote controller for hotel application

## Accessories

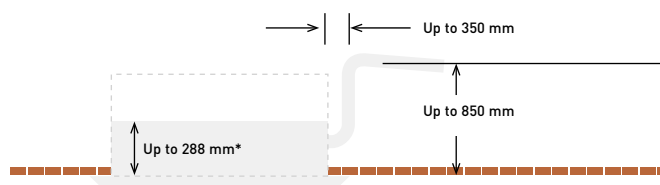
<b>CZ-KPY3AW</b>	Panel 700x700 mm
<b>CZ-KPY3BW</b>	Panel 625x625 mm
<b>CZ-CENSC1</b>	Econavi energy savings sensor
<b>CZ-CGLSC1</b>	R32 refrigerant leak detector

## Technical focus

- Mini cassette fits into a 600 x 600 mm ceiling grid
- Optimized air distribution
- Multidirectional air flow
- Powerful drain pump gives 850 mm lift
- Variable speed DC fan motors and optimized heat exchanger to maximize efficiency

## A drain height of approximately 850 mm from the ceiling surface

The drain height can be increased by approximately 350 mm over the conventional value by using a high-lift drain pump, and long horizontal piping is possible. A lightweight unit at 18,4 kg the unit is also very slim with a height of only 288 mm, making installation possible even in narrow ceilings.



ECONAVI and INTERNET CONTROL: Optional.

## 2. 4-Way Cassette 60×60 (Type Y2)

### 2-1. Specifications

#### Unit Specifications (A)

INDOOR		MODEL	S-15MY2E5B			S-22MY2E5B			S-28MY2E5B		
PANEL		MODEL	CZ-KPY3AW,CZ-KPY3BW								
Performance test condition			ISO15042 /EN14511 / EN12102								
Power supply		φ, Hz	1φ 50/60Hz			1φ 50/60Hz			1φ 50/60Hz		
		V	220V	230V	240V	220V	230V	240V	220V	230V	240V
C O O L I N G	Capacity	kW	1.5	1.5	1.5	2.2	2.2	2.2	2.8	2.8	2.8
		BTU/h	5100	5100	5100	7500	7500	7500	9600	9600	9600
		Sensible kW	1.5	1.5	1.5	1.8	1.8	1.8	2.2	2.2	2.2
		Latent kW	0.0	0.0	0.0	0.4	0.4	0.4	0.6	0.6	0.6
	Current	A	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
	Input power	W	35			35			35		
	Annual consumption	W <sup>4</sup>	-	-	-	-	-	-	-	-	-
	EER/EER CLASS	TOTAL(W/W) <sup>5</sup> (("A"- "G")	-	-	-	-	-	-	-	-	-
	EER	BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	-	-	-	-	-
N o i s e	Noise indoor <sup>6</sup>	dB-A (H/M/L)	34/31/25 (30)			35/31/25 (30)			35/31/25 (30)		
		Power Level dB	49/46/40 (45)			50/46/40 (45)			50/46/40 (45)		
	Noise outdoor	dB-A (H/L)	-			-			-		
		Power Level dB	-			-			-		
H E A T I N G	Capacity	kW	1.7	1.7	1.7	2.5	2.5	2.5	3.2	3.2	3.2
		BTU/h	5800	5800	5800	8500	8500	8500	10900	10900	10900
	Current	A	0.25	0.25	0.25	0.25	0.25	0.25	0.30	0.30	0.30
	Input power	W	30			30			30		
	COP/COP CLASS	TOTAL(W/W) <sup>5</sup> (("A"- "G")	-	-	-	-	-	-	-	-	-
	COP	BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	-	-	-	-	-
	Noise indoor <sup>6</sup>	dB-A (H/M/L)	34/31/25 (29)			35/31/25 (29)			35/31/25 (29)		
		Power Level dB	49/46/40 (44)			50/46/40 (44)			50/46/40 (44)		
	Noise outdoor	dB-A (H/L)	-			-			-		
Power Level dB		-			-			-			
EXTRALOW TEMP	Capacity(kW)/Input power(W)/COP	-			-			-			
Cooling	Max Current(A)/Max Input power(W)	0.35/45	0.35/45	0.35/45	0.35/45	0.35/45	0.35/45	0.35/45	0.35/45	0.35/45	
Heating	Max Current(A)/Max Input power(W)	0.30/40	0.30/40	0.30/40	0.30/40	0.30/40	0.30/40	0.30/40	0.30/40	0.30/40	
	Starting current(A)/Comp output(W)	-	-	-	-	-	-	-	-	-	
	Network Impedance(ΩMAX.)	-			-			-			
	Fan motor output (Indoor/Outdoor) W	40	/	-	40	/	-	40	/	-	
	Moisture removal volume	L/h	0.1			0.4			0.9		
	External static pressure	Pa	-			-			-		
Indoor air flow <sup>7</sup>	Cooling	m <sup>3</sup> /min (H/M/L)	8.9/8.2/5.6			9.1/8.2/5.6			9.3/8.4/5.6		
	Heating	m <sup>3</sup> /min (H/M/L)	9.1/8.4/5.6			9.3/8.4/5.6			9.6/8.7/5.6		
Outdoor air flow	Cooling	m <sup>3</sup> /min	-			-			-		
	Heating	m <sup>3</sup> /min	-			-			-		
	Refrigerant type	R410A, R32			R410A, R32			R410A, R32			
Product dimension	Height <Insulator + Ceiling space>	mm	260 <265+23>			260 <265+23>			260 <265+23>		
	Width <Included insulator>	mm	575 <583>			575 <583>			575 <583>		
	Depth <Included insulator>	mm	575 <583>			575 <583>			575 <583>		
Product dimension(PANEL)	H×W×D	mm	CZ-KPY3AW:31×700×700, CZ-KPY3BW:31×625×625								
Packing dimension	Height	mm	345			345			345		
	Width	mm	691			691			691		
	Depth	mm	691			691			691		
Weight	(NET)	kg	18			18			18		
	(GROSS)	kg	22			22			22		
	Panel (NET)	kg	2.4			2.4			2.4		
	Layers limit (actually)		11 (12)			11 (12)			11 (12)		
Operation condition	Cool (DBT)		-			-			-		
	Heat (DBT)		-			-			-		
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)		
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)		
	Connect method, Standard length m		flared type			flared type			flared type		
	Pipe length range m		~ (~)			~ (~)			~ (~)		
	Indoor unit & Outdoor unit height difference m		-			-			-		
	Add gas amount g/m		-			-			-		
	Pipe length for additional gas m		-			-			-		

\*1: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*2: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

\*3: Network Impedance shall be applicable for EUROPE and CHINA models.

\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*6: Values of L are changed 30→25 (SPL) and 45→40 (PWL) from base model. (S-\*\*MY2E5) New value is referring for FAN mode.

\*7: Values of L are changed 7.3→5.6 (COOL), 7.3→5.6 (HEAT) from base model. (S-\*\*MY2E5) New value is referring for FAN mode.

## 2. 4-Way Cassette 60x60 (Type Y2)

### Unit Specifications (A)

INDOOR		MODEL	S-36MY2E5B			S-45MY2E5B			S-56MY2E5B		
PANEL		MODEL	CZ-KPY3AW,CZ-KPY3BW								
Performance test condition		ISO15042 / EN14511 / EN12102									
Power supply		φ, Hz	1φ 50/60Hz			1φ 50/60Hz			1φ 50/60Hz		
		V	220V	230V	240V	220V	230V	240V	220V	230V	240V
C O O L I N G	Capacity	kW	3.6	3.6	3.6	4.5	4.5	4.5	5.6	5.6	5.6
		BTU/h	12300	12300	12300	15400	15400	15400	19100	19100	19100
		Sensible kW	2.6	2.6	2.6	3.0	3.0	3.0	3.6	3.6	3.6
		Latent kW	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.0
	Current	A	0.30	0.30	0.30	0.32	0.32	0.32	0.35	0.35	0.35
	Input power	W	40			40			45		
	Annual consumption	W <sup>4</sup>	-	-	-	-	-	-	-	-	-
	EER/EER CLASS	TOTAL(W/W) <sup>5</sup> /(“A”-“G”)	-	-	-	-	-	-	-	-	-
	EER	BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	-	-	-	-	-
N o i s e	Noise indoor <sup>6</sup>	dB-A (H/M/L)	36/32/26 (31)			38/34/28 (32)			40/37/34		
		Power Level dB	51/47/41 (46)			53/49/43 (47)			55/52/49		
	Noise outdoor	dB-A (H/L)	-			-			-		
		Power Level dB	-			-			-		
H E A T I N G	Capacity	kW	4.2	4.2	4.2	5.0	5.0	5.0	6.3	6.3	6.3
		BTU/h	14300	14300	14300	17100	17100	17100	21500	21500	21500
	Current	A	0.30	0.30	0.30	0.30	0.30	0.30	0.35	0.35	0.35
	Input power	W	35			35			40		
	COP/COP CLASS	TOTAL(W/W) <sup>5</sup> /(“A”-“G”)	-	-	-	-	-	-	-	-	-
	COP	BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	-	-	-	-	-
	Noise indoor <sup>6</sup>	dB-A (H/M/L)	36/32/26 (31)			38/34/28 (32)			40/37/34		
		Power Level dB	51/47/41 (46)			53/49/43 (47)			55/52/49		
	Noise outdoor	dB-A (H/L)	-			-			-		
Power Level dB		-			-			-			
EXTRA LOW TEMP	Capacity(kW)/Input power(W)/COP	-			-			-			
Cooling	Max Current(A)/Max Input power(W)	0.36/50	0.36/50	0.36/50	0.37/50	0.37/50	0.37/50	0.40/55	0.40/55	0.40/55	
Heating	Max Current(A)/Max Input power(W)	0.34/45	0.34/45	0.34/45	0.35/45	0.35/45	0.35/45	0.40/50	0.40/50	0.40/50	
	Starting current(A)/Comp output(W)	-	-	-	-	-	-	-	-	-	
Network Impedance(ΩMAX.)		-			-			-			
Fan motor output (Indoor/Outdoor) W		40	/	-	40	/	-	40	/	-	
Moisture removal volume		L/h		1.5	2.3		3.1				
External static pressure		Pa		-	-		-				
Indoor air flow <sup>7</sup>	Cooling	m <sup>3</sup> /min (H/M/L)		9.7/8.7/6.0		10.0/9.3/8.2		10.4/9.8/8.5			
	Heating	m <sup>3</sup> /min (H/M/L)		9.9/9.1/6.0		10.3/9.6/8.2		11.1/9.8/8.7			
Outdoor air flow	Cooling	m <sup>3</sup> /min		-		-		-			
	Heating	m <sup>3</sup> /min		-		-		-			
Refrigerant type		R410A, R32			R410A, R32			R410A, R32			
Product dimension	Height <Insulator + Ceiling space>	mm		260 <265+23>		260 <265+23>		260 <265+23>			
	Width <Included insulator>	mm		575 <583>		575 <583>		575 <583>			
	Depth <Included insulator>	mm		575 <583>		575 <583>		575 <583>			
Product dimension(PANEL)		H×W×D		mm CZ-KPY3AW:31×700×700, CZ-KPY3BW:31×625×625							
Packing dimension	Height	mm		345		345		345			
	Width	mm		691		691		691			
	Depth	mm		691		691		691			
Weight	(NET)	kg		18		18		18			
	(GROSS)	kg		22		22		22			
	Panel (NET)	kg		2.4		2.4		2.4			
Layers limit (actually)		11 (12)			11 (12)			11 (12)			
Operation condition	Cool (DBT)	-			-			-			
	Heat (DBT)	-			-			-			
P I P I N G	Pipe port diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)		
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)		
	Connect method, Standard length m		flared type			flared type			flared type		
	Pipe length range m		~ (~)			~ (~)			~ (~)		
	Indoor unit & Outdoor unit height difference m		-			-			-		
	Add gas amount g/m		-			-			-		
Pipe length for additional gas m		-			-			-			

\*1: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.  
 \*2: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.  
 \*3: Network Impedance shall be applicable for EUROPE and CHINA models.  
 \*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.  
 \*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.  
 \*6: Values of L are changed 32→28, 31→26 (SPL) and 47→43, 46→41 (PWL) from base model. (S-\*\*MY2E5) New value is referring for FAN mode.  
 \*7: Values of L are changed 7.8→6.0 (COOL), 7.8→6.0 (HEAT) from base model. (S-\*\*MY2E5) New value is referring for FAN mode.



## 2. 4-Way Cassette 60×60 (Type Y2)

### 2-2. Major Component Specifications

#### Indoor unit (A)

<b>MODEL No.</b>		<b>S-15MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...580 / 590	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>		PLD-12230MSSZ-5	
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	

## 2. 4-Way Cassette 60×60 (Type Y2)

## Indoor unit (B)

<b>MODEL No.</b>		<b>S-22MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...580 / 590	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>		PLD-12230MSSZ-5	
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	

## 2. 4-Way Cassette 60×60 (Type Y2)

## Indoor unit (C)

<b>MODEL No.</b>		<b>S-28MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...590 / 600	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>		PLD-12230MSSZ-5	
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	

## 2. 4-Way Cassette 60×60 (Type Y2)

### Indoor unit (D)

<b>MODEL No.</b>		<b>S-36MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...610 / 620	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>			
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	

## 2. 4-Way Cassette 60×60 (Type Y2)

## Indoor unit (E)

<b>MODEL No.</b>		<b>S-45MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...630 / 650	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>		PLD-12230MSSZ-5	
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	



## 2. 4-Way Cassette 60×60 (Type Y2)

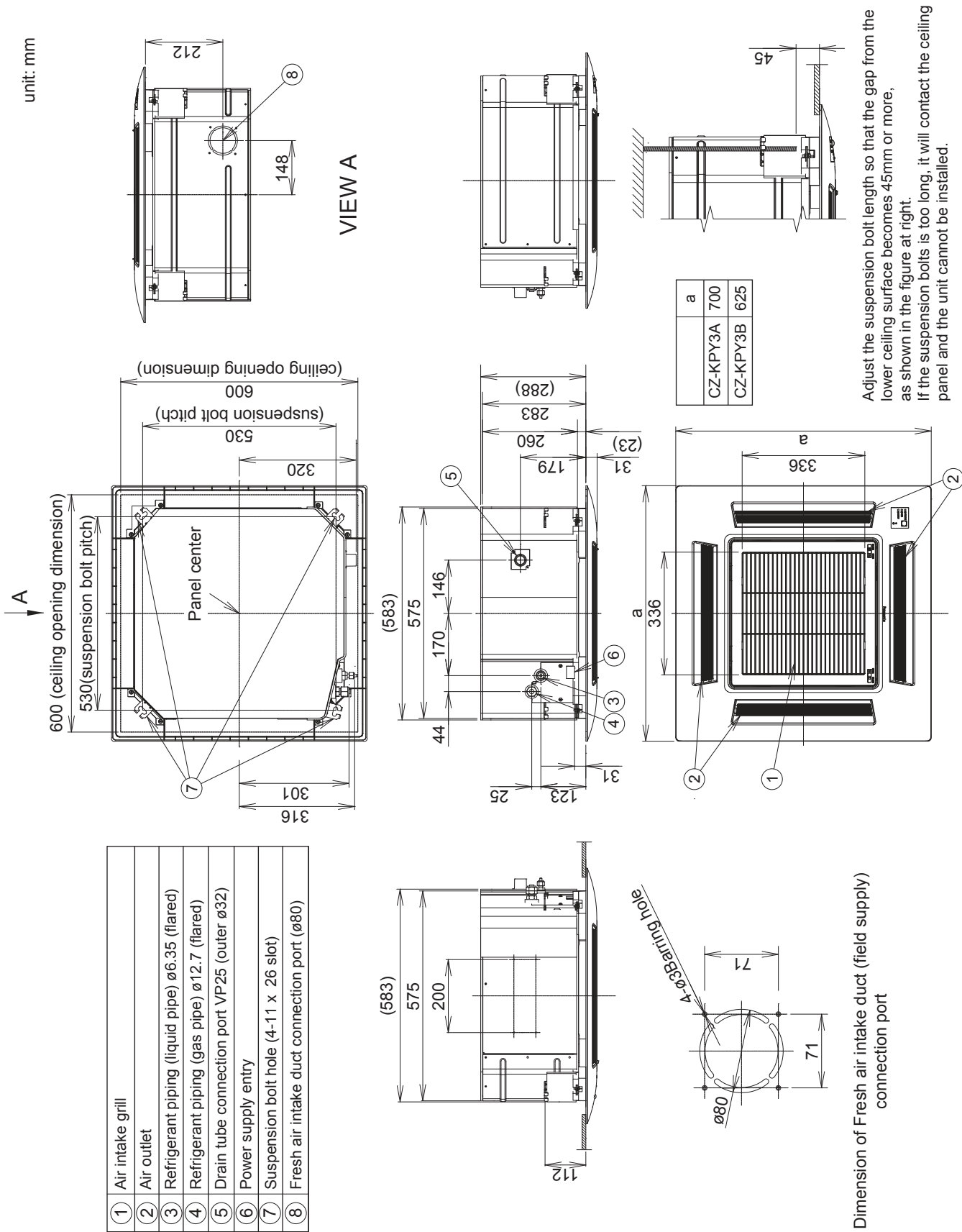
## Indoor unit (F)

<b>MODEL No.</b>		<b>S-56MY2E5B</b>	
<b>Power source</b>		220 - 230 - 240 V, single-phase, 50/60 Hz	
<b>Controller P.C.B. Ass'y</b>		A747336 (Microprocessor)	
<b>Fan (Number...diameter)</b>	mm	Turbo (1...ø333.4, L147)	
<b>Fan motor</b>			
Model...Nominal output	W	NFD-62FW-F240-2...40W	
Power source		325 VDC	
No. of pole...r.p.m. (230V, High)	rpm	8P...660 / 700	
Coil resistance (Ambient temperature 20°C)	Ω	-	
Run capacitor	VAC, μF	-	
<b>Safety device</b>			
<b>Electronic expansion valve</b>			
Coil		CAM-MD12MS	
Coil resistance (at 20°C)	Ω	WHT - RED : 46 ± 5%      ORG - RED : 46 ± 5% YEL - RED : 46 ± 5%      BLU - RED : 46 ± 5%	
Valve body		CAM-BD18MS-2	
<b>Heat exchanger</b>			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	2...1.4	
Face area	m <sup>2</sup>	0.263	
<b>Panel</b>			
Model No.		CZ-KPY3A / CZ-KPY3B	
Auto louver motor		MP24Z	
Coil resistance (at 25°C)	Ω	250 ± 7.5%	
<b>Drain pump</b>		PLD-12230MSSZ-5	
Rated	V,W	AC 230 V, 12 W	
Height from unit bottom & capacity		750 mm, 400 cc/min	

## 2. 4-Way Cassette 60x60 (Type Y2)

### 2-3. Dimensional Data

Indoor unit : S-15MY2E5B, S-22MY2E5B, S-28MY2E5B, S-36MY2E5B, S-45MY2E5B, S-56MY2E5B



Adjust the suspension bolt length so that the gap from the lower ceiling surface becomes 45mm or more, as shown in the figure at right. If the suspension bolts is too long, it will contact the ceiling panel and the unit cannot be installed.

## 2. 4-Way Cassette 60x60 (Type Y2)

### 2-4. Noise Criterion Curves

Both 50Hz and 60Hz

—●— Strong  
- -○- - Weak

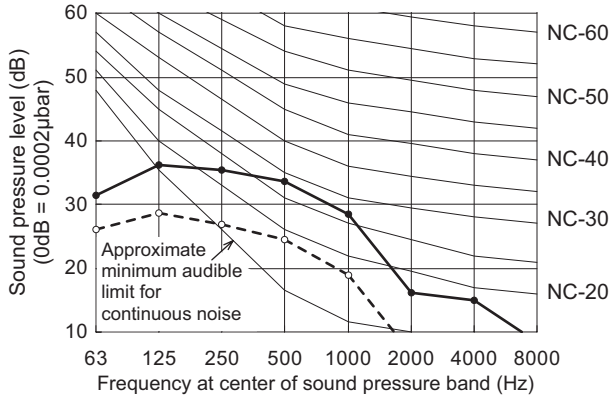
Cooling

MODEL : S-15MY2E5B

SOUND LEVEL : STRONG 34 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



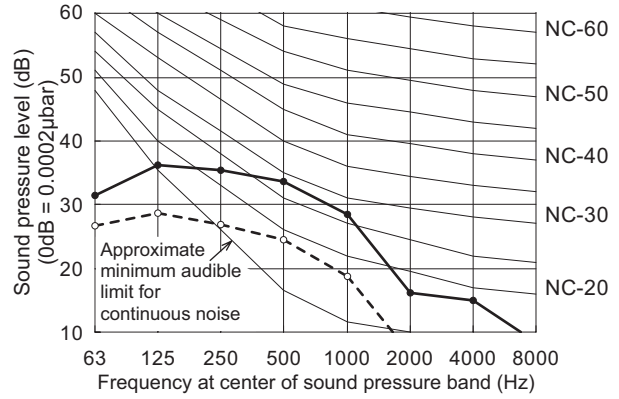
Heating

MODEL : S-15MY2E5B

SOUND LEVEL : STRONG 34 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



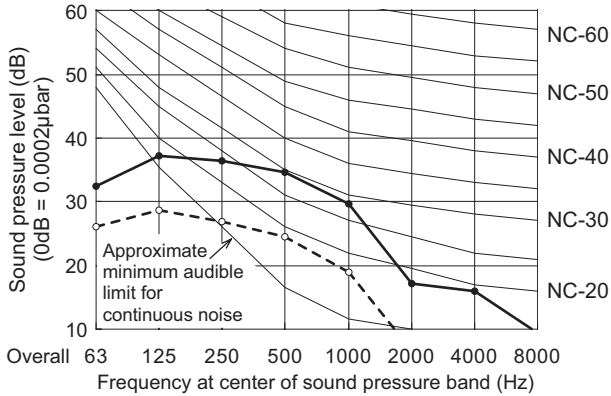
Cooling

MODEL : S-22MY2E5B

SOUND LEVEL : STRONG 35 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



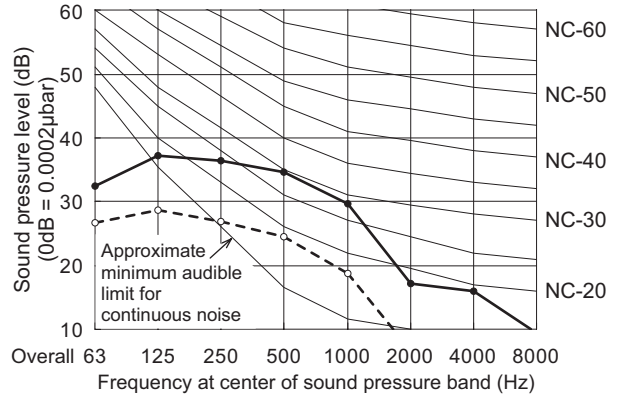
Heating

MODEL : S-22MY2E5B

SOUND LEVEL : STRONG 35 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



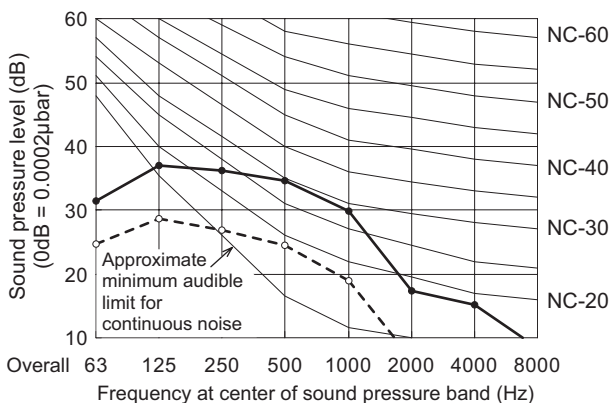
Cooling

MODEL : S-28MY2E5B

SOUND LEVEL : STRONG 35 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



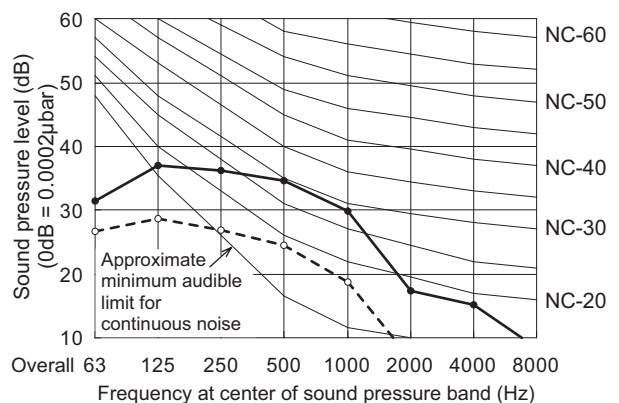
Heating

MODEL : S-28MY2E5B

SOUND LEVEL : STRONG 35 dB(A)

WEAK 25 dB(A)

CONDITION : 1.5 m directly below unit



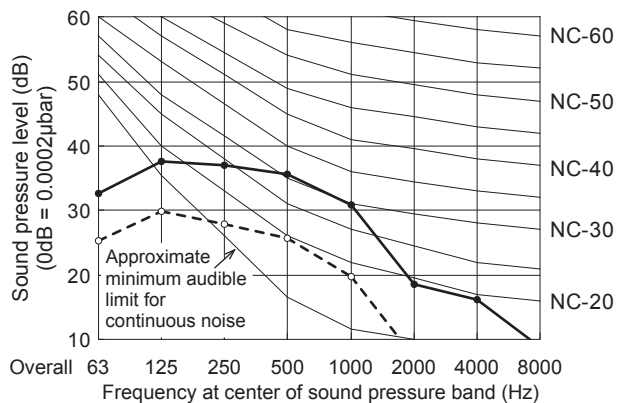
## 2. 4-Way Cassette 60x60 (Type Y2)

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

Cooling

MODEL : S-36MY2E5B  
 SOUND LEVEL : STRONG 36 dB(A)  
 WEAK 26 dB(A)

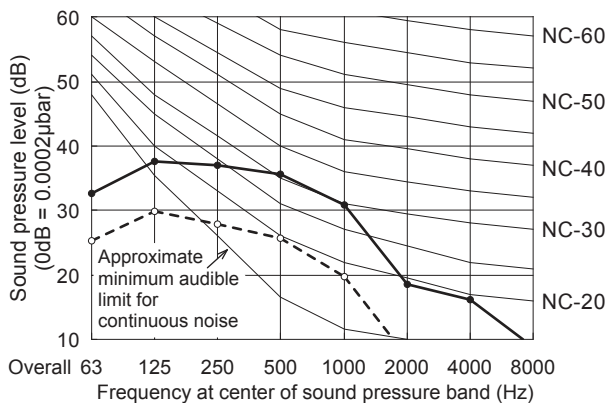
CONDITION : 1.5 m directly below unit



Heating

MODEL : S-36MY2E5B  
 SOUND LEVEL : STRONG 36 dB(A)  
 WEAK 26 dB(A)

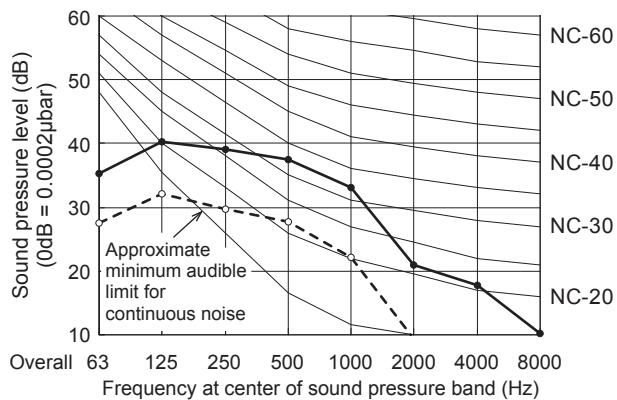
CONDITION : 1.5 m directly below unit



Cooling

MODEL : S-45MY2E5B  
 SOUND LEVEL : STRONG 38 dB(A)  
 WEAK 28 dB(A)

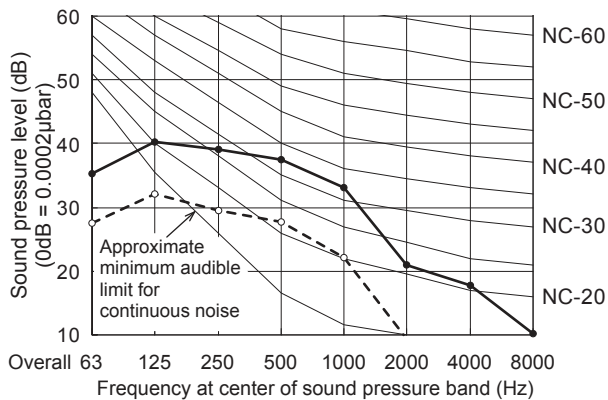
CONDITION : 1.5 m directly below unit



Heating

MODEL : S-45MY2E5B  
 SOUND LEVEL : STRONG 38 dB(A)  
 WEAK 28 dB(A)

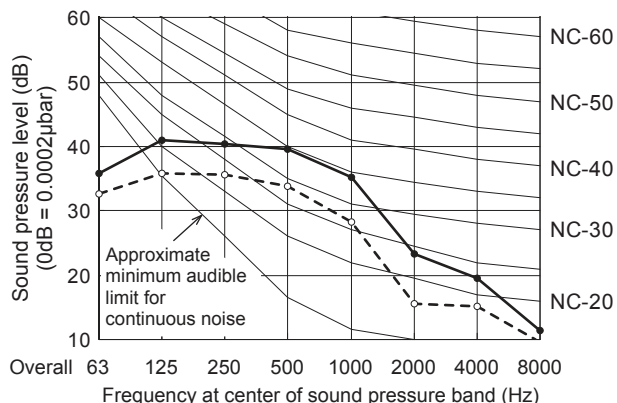
CONDITION : 1.5 m directly below unit



Cooling

MODEL : S-56MY2E5B  
 SOUND LEVEL : STRONG 40 dB(A)  
 WEAK 34 dB(A)

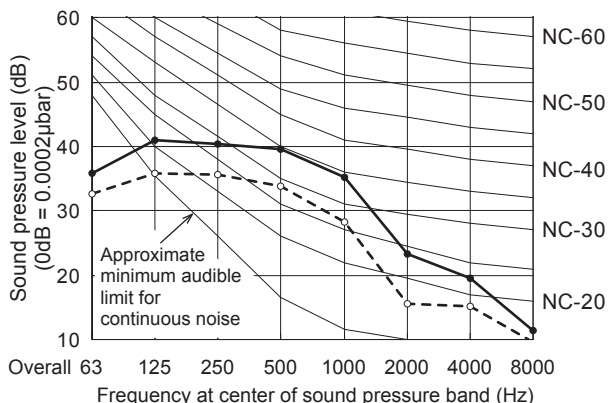
CONDITION : 1.5 m directly below unit



Heating

MODEL : S-56MY2E5B  
 SOUND LEVEL : STRONG 40 dB(A)  
 WEAK 34 dB(A)

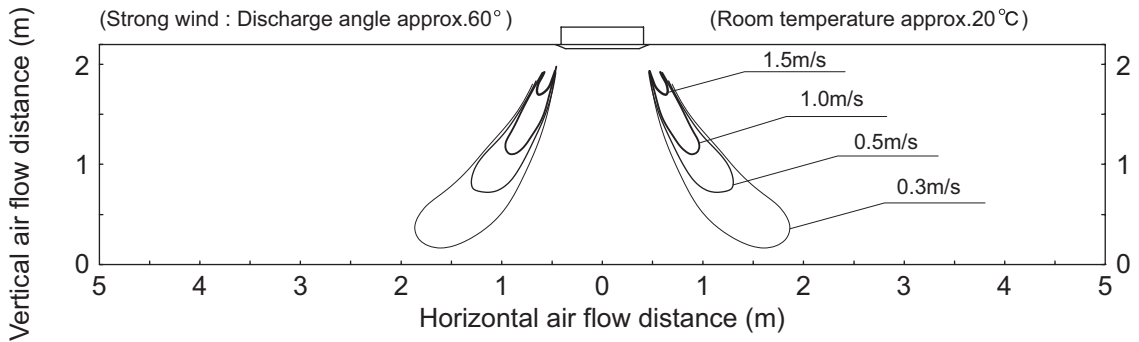
CONDITION : 1.5 m directly below unit



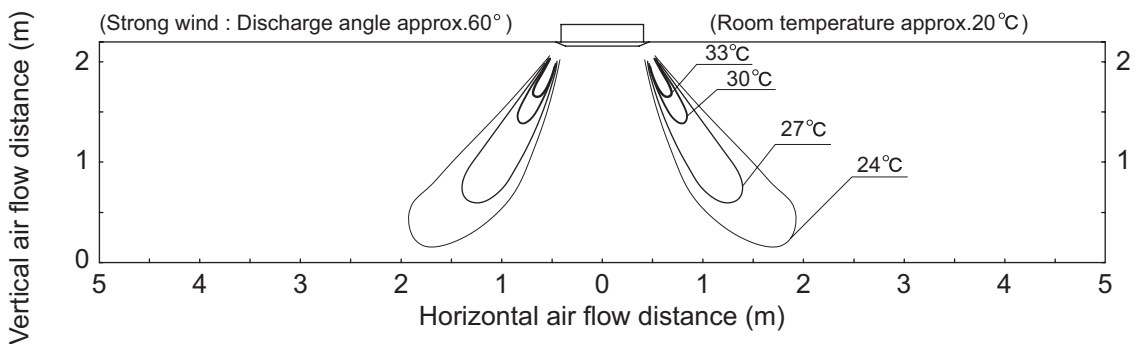
## 2. 4-Way Cassette 60×60 (Type Y2)

### 2-5. Air Flow Distance / Temperature Chart S-15MY2E5B

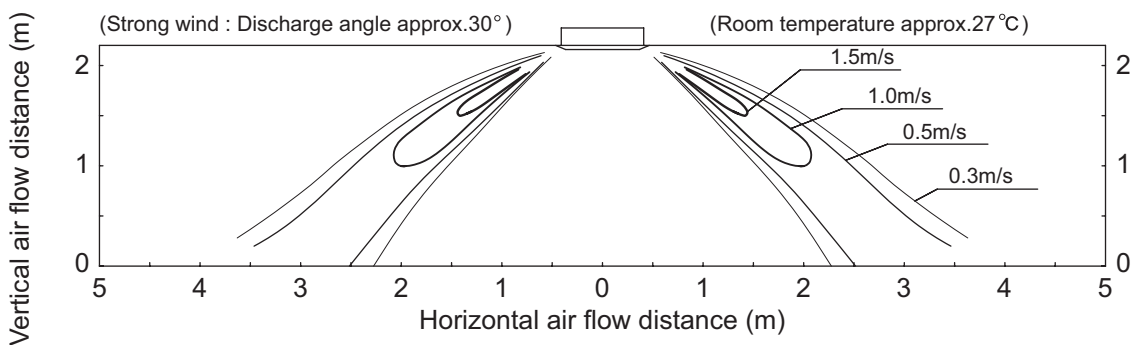
Heating : Distribution of wind velocity



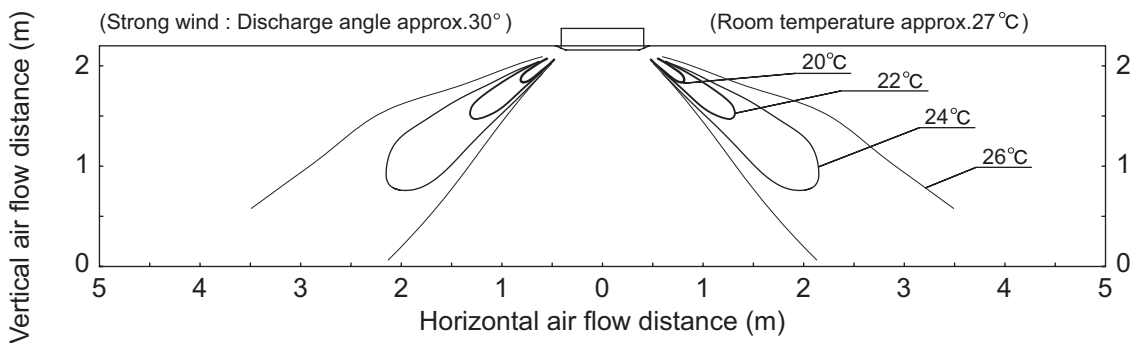
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



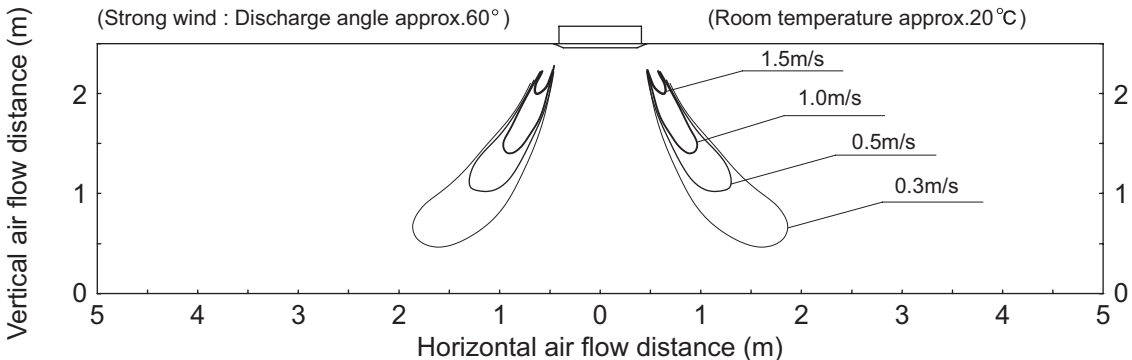
Cooling : Distribution of temperature



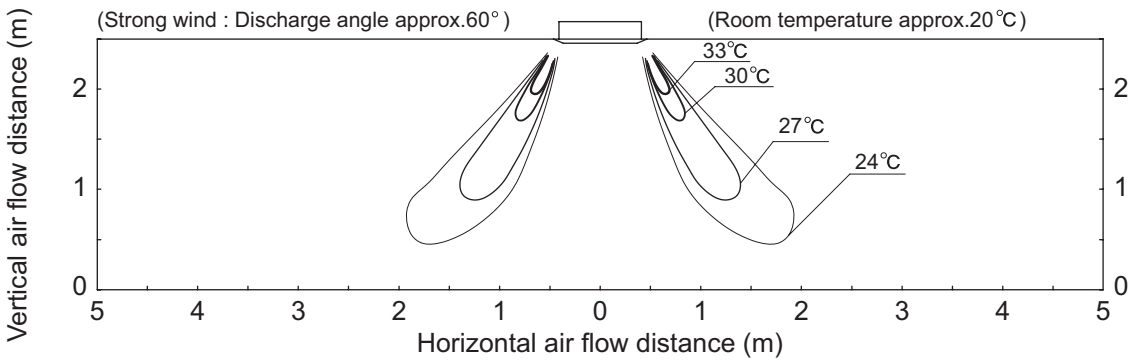
## 2. 4-Way Cassette 60x60 (Type Y2)

S-22MY2E5B, S-28MY2E5B, S-36MY2E5B

Heating : Distribution of wind velocity

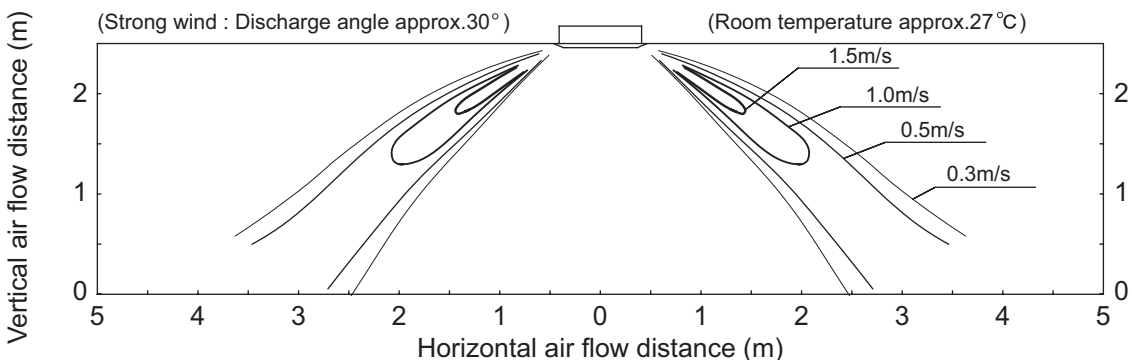


Heating : Distribution of temperature

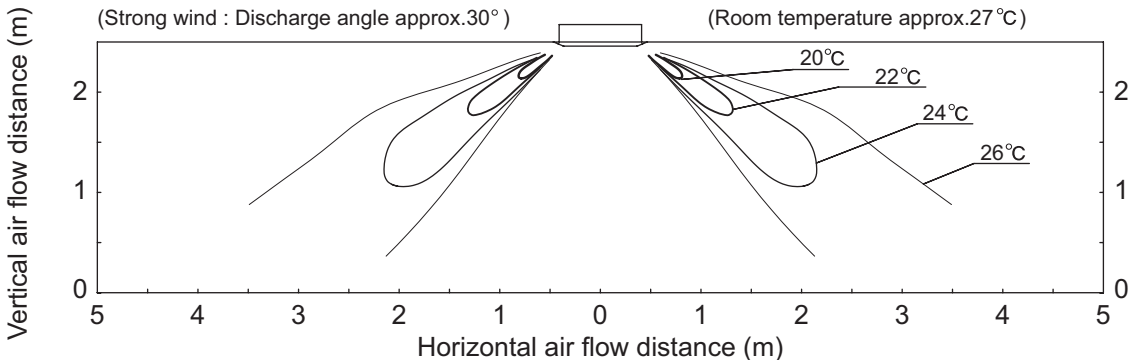


4

Cooling : Distribution of wind velocity



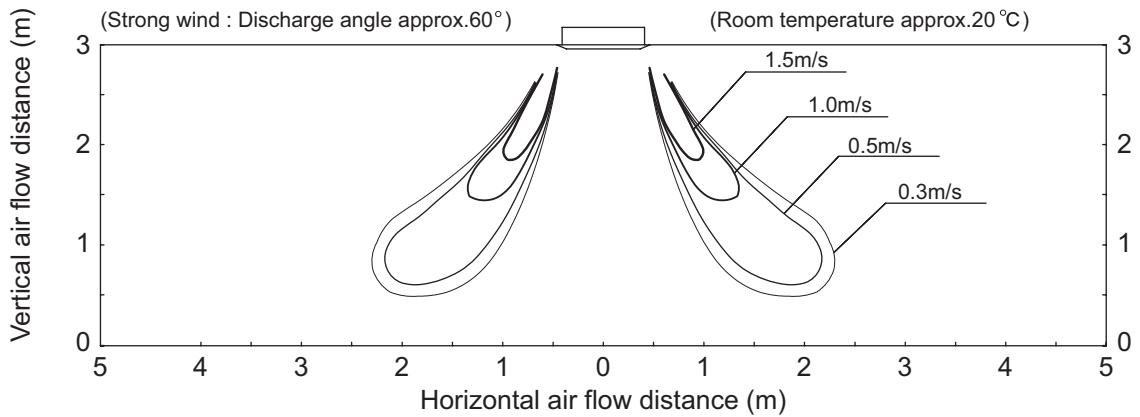
Cooling : Distribution of temperature



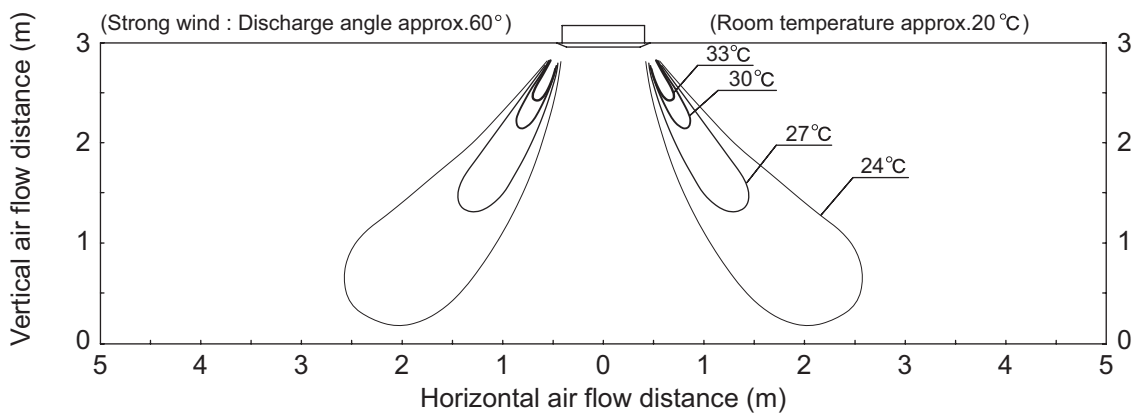
## 2. 4-Way Cassette 60×60 (Type Y2)

### S-45MY2E5B, S-56MY2E5B

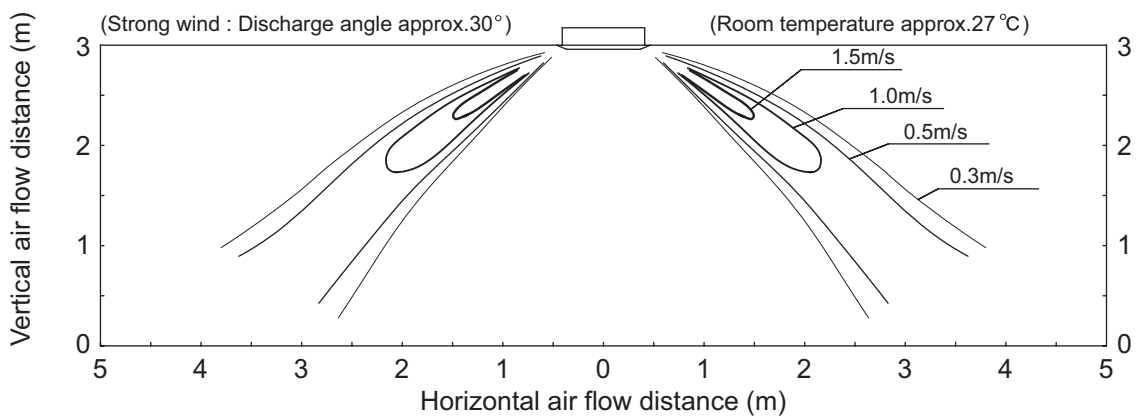
Heating : Distribution of wind velocity



Heating : Distribution of temperature



Cooling : Distribution of wind velocity



Cooling : Distribution of temperature

