



Air Conditioning Technical Data

Fully flat cassette



EEDEN13-204

FXZQ-A

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FXZQ-A

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1 Features

- Unique design in the market: integrates fully flat into the ceiling and fits flush into architectural ceiling modules
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- The presence sensor (optional) adjusts the set point with standard 1°C if no one is detected in the room, it is possible to adjust the set point with 2, 3 or 4°C (optional). It also automatically directs air flow away from any person to avoid draught.
- The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one flap can be easily closed via the wired remote control (BRC1E52) in case you would refurbish or rearrange your interior
- Low energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Fresh air intake for healthy living
- Standard drain pump with 850mm lift



Inverter



Home leave operation



Fan only



Draught prevention



Auto cooling-heating changeover



Whisper quiet



Ceiling soiling prevention



Vertical auto swing



Fan speed steps



Dry programme



Air filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Auto-restart



Self diagnosis



Multi tenant



Drain pump kit

2 Specifications

2-1 Technical Specifications					FXZQ15A		FXZQ20A		FXZQ25A		FXZQ32A		FXZQ40A		FXZQ50A	
Cooling capacity	Nom.			kW	1.7 (1)		2.2 (1)		2.8 (1)		3.6 (1)		4.5 (1)		5.6 (1)	
Heating capacity	Nom.			kW	1.9 (2)		2.5 (2)		3.2 (2)		4.0 (2)		5.0 (2)		6.3 (2)	
Power input - 50Hz	Cooling	Nom.	kW	0.043							0.045		0.059		0.092	
	Heating	Nom.	kW	0.036							0.038		0.053		0.086	
Casing	Material				Galvanised steel plate											
Dimensions	Unit	Height	mm	260												
		Width	mm	575												
		Depth	mm	575												
	Packed unit	Height	mm	270												
		Width	mm	780												
		Depth	mm	616												
Weight	Unit			kg	15.5						16.5				18.5	
	Packed unit			kg	18.5						19.5				21.5	
Decoration panel	Model				BYFQ60CW											
	Colour				White (N9.5)											
	Dimensions	Height	mm	46												
		Width	mm	620												
		Depth	mm	620												
	Weight				kg	2.8										
Decoration panel 2	Model				BYFQ60CS											
	Colour				White (N9.5) + Silver											
	Dimensions	Height	mm	46												
		Width	mm	620												
		Depth	mm	620												
	Weight				kg	2.8										
Decoration panel 3	Model				BYFQ60B2											
	Colour				White (RAL9010)											
	Dimensions	Height	mm	55												
		Width	mm	700												
		Depth	mm	700												
	Weight				kg	2.7										
Heat exchanger	Inside length			mm	1,295									1,248		
	Outside length			mm	1,342											
	Rows	Quantity			2									3		
	Fin pitch			mm	1.2											
	Passes	Quantity			4				5				7			
	Face area			m²	0.218				0.290				0.300			
	Stages	Quantity			12				16							
	Empty tubeplate hole			Quantity	0											
	Fin	Type			Cross fin coil (multi slit fins and hi-XA tubes)											
Fan	Type				Turbo fan											
	Quantity				1											
	Air flow rate - 50Hz	Cooling	High	m³/min	8.5	8.7	9	10	11.5	14.5						
			Nom.	m³/min	7	7.5	8	8.5	9.5	12.5						
			Low	m³/min	6.5				7	8	10					
		Heating	High	m³/min	8.5	8.7	9	10	11.5	14.5						
			Nom.	m³/min	7	7.5	8	8.5	9.5	12.5						
Low			m³/min	6.5				7	8	10						
Fan motor	Model				QTS32D15M											
	Speed	Steps			3											
	Output	High	W		50											
Sound power level	Cooling	High	dBA	49				50	51	54	60					
Sound pressure level	Cooling	High	dBA	31.5	32	33	33.5	37	43							
		Nom.	dBA	28	29.5	30			32	40						
		Low	dBA	25.5				26	28	33						
	Heating	High	dBA	31.5	32	33	33.5	37	43							
		Nom.	dBA	28	29.5	30			32	40						
		Low	dBA	25.5				26	28	33						

2 Specifications

2-1 Technical Specifications				FXZQ15A	FXZQ20A	FXZQ25A	FXZQ32A	FXZQ40A	FXZQ50A
Refrigerant	Type			R-410A					
Piping connections	Liquid	Type		Flare connection					
		OD	mm	6.35					
	Gas	Type		Flare connection					
		OD	mm	12.7					
	Drain			VP20 (I.D. 20/O.D. 26)					
	Heat insulation			Foamed polystyrene/polyethylene					
	Sound absorbing insulation			Foamed Polyurethane					
Air filter	Type			Resin net with mold resistance					

Standard Accessories : Clamps; Quantity : 7;

Standard Accessories : Sealing pad; Quantity : 4;

Standard Accessories : Insulation for fitting; Quantity : 2;

Standard Accessories : Paper pattern for installation; Quantity : 1;

Standard Accessories : Screws; Quantity : 4;

Standard Accessories : Washer for hanger bracket; Quantity : 8;

Standard Accessories : Metal clamp for drain hose; Quantity : 1;

Standard Accessories : Drain hose; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

2-2 Electrical Specifications				FXZQ15A	FXZQ20A	FXZQ25A	FXZQ32A	FXZQ40A	FXZQ50A
Power supply	Name			VE					
	Phase			1~					
	Frequency	Hz		50					
	Voltage	V		220-240					
Voltage range	Min.	%		10					
	Max.	%		10					
Current - 50Hz	Minimum circuit amps (MCA)	A		0.3				0.4	0.6
	Maximum fuse amps (MFA)	A				16			
	Full load amps (FLA)	Total	A	0.2				0.3	0.5

Notes

(1) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB

(2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB

(3) Dimensions do not include control box

(4) The sound power level is an absolute value indicating the power which a sound source generates.

(5) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

(6) Maximum allowable voltage range variation between phases is 2%.

(7) MCA/MFA: MCA = 1.25 x FLA

(8) MFA ≤ 4 x FLA

(9) Next lower standard fuse rating minimum 16A

(10) Select wire size based on the value of MCA

(11) Instead of a fuse, use a circuit breaker

3 Electrical data

3 - 1 Electrical Data

FXZQ-A								
Units				Power supply		IFM	Input (W)	
Model	Hz	Volts	Voltage range	MCA	MFA	FLA	Cooling	Heating
FXZQ15A	50	220-240	Max. 264 Min. 198	0.3	16	0.2	43	36
FXZQ20A				0.3	16	0.2	43	36
FXZQ25A				0.3	16	0.2	43	36
FXZQ32A				0.4	16	0.3	45	38
FXZQ40A				0.4	16	0.3	59	53
FXZQ50A				0.6	16	0.5	92	86

Symbols:

MCA: Min. Circuit Amps

MFA: Max. Fuse Amps (see note 5)

FLA: Full Load Amps (A)

IFM: Indoor Fan Motor

NOTES

1 Voltage range:
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

2 Maximum allowable voltage unbalance between phases is 2%.

3 MCA/MFA
MCA = 1.25 x FLA
MFA ≧ 4 x FLA
(next lower standard fuse rating min. 16A)

4 Select wire size based on the MCA.

5 Instead of fuse, use circuit breaker.

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4 Safety device settings

4 - 1 Safety Device Settings

FXZQ-A

Safety devices		FXZQ-A
Fuse		250V 3.15A (ON PCB BOARD)
Fan motor thermal fuse	°C	---
Fan motor thermal protector	°C	---
Drain pump fuse	°C	---

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5 Options

5 - 1 Options

FXZQ-A

Description	Compatibility			VRV
	BYFQ60B2W1	BYFQ60C2W1W	BYFQ60C2W1S	Model name
Decoration panel (Current)	-	-	-	BYFQ60B2W1
New decoration panel (White)	-	-	-	BYFQ60C2W1W
New decoration panel (Silver)	-	-	-	BYFQ60C2W1S
Sensor kit (White)	NO	YES	NO	BRVQ60A2W
Sensor kit (Silver)	NO	NO	YES	BRVQ60A2S
Sealing member of air discharge outlet	YES	YES	YES	BD8HQ44C60
Panel spacer	YES	NO	NO	KDBQ44B60
Replacement long-life filter	YES	YES	YES	KAFQ441BA60
Fresh air intake kit	YES	YES	YES	KDDQ44XA60
Infrared remote controller (H/P)	YES	NO	NO	BRCTE830W (*1,2)
Infrared remote controller (H/P) (White)	NO	YES	NO	BRCTF530W (*1,2)
Infrared remote controller (H/P) (Silver)	NO	NO	YES	BRCTF530S (*1,2)
Wired remote controller	YES	YES	YES	BRCTD528 (*)
Wired remote controller	YES	YES	YES	BRCTE52A7 + B7
Central remote control	YES	YES	YES	DCS302B51
Unified ON/OFF control	YES	YES	YES	DCS301B51
Schedule timer	YES	YES	YES	DS3301B51
Wiring adapter for electrical appendices	YES	YES	YES	KRP1B57
Wiring adapter for electrical appendices	YES	YES	YES	KRP2A526
Wiring adapter for electrical appendices	YES	YES	YES	KRP4A53
Wiring adapter (hour meter)	YES	YES	YES	EKRP1B2
Installation box for adapter PCB	YES	YES	YES	KRP1B101, KRP1BA101
Remote sensor	YES	YES	YES	KRCS01-4B
Option PCB for Multi tenant	YES	YES	YES	DTA114A61
I-touch controller	YES	YES	YES	DCS601CS1

(*1) Sensing function not available

(*2) Independently controllable flaps function not available

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6 Capacity tables

6 - 1 Cooling Capacity Tables

FXZQ-A

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Unit size	Outdoor°CDB	14.0WB		16.0WB		18.0WB		19.0WB		20.0WB		22.0WB		24.0WB	
		20.0DB		23.0DB		26.0DB		27.0DB		28.0DB		30.0DB		32.0DB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
15	35.0	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.4	1.8	1.3	1.9	1.2
20	35.0	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.6	2.4	1.6	2.4	1.5
25	35.0	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	3.0	2.0	3.0	1.9	3.1	1.8
32	35.0	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.8	2.4	3.9	2.3	4.0	2.2
40	35.0	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.7	3.3	4.9	3.1	5.0	3.0
50	35.0	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.9	4.2	6.0	4.0	6.2	3.9

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6 Capacity tables

6 - 2 Heating Capacity Tables

FXZQ-A								
Unit size	Outdoor air temp.		Indoor air temp.: °CDB					
			16.0	18.0	20.0	21.0	22.0	24.0
	°CDB	°CWB	kW	kW	kW	kW	kW	kW
15	7.0	6.0	2.0	2.0	1.9	1.8	1.8	1.7
20	7.0	6.0	2.6	2.6	2.5	2.4	2.3	2.2
25	7.0	6.0	3.4	3.4	3.2	3.1	3.0	2.8
32	7.0	6.0	4.2	4.2	4.0	3.9	3.7	3.5
40	7.0	6.0	5.2	5.2	5.0	4.8	4.7	4.4
50	7.0	6.0	6.6	6.6	6.3	6.1	5.9	5.5

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6 Capacity tables

6 - 3 Capacity Correction Factor

FXZQ-A

		Capacity correction factor for Te = 9°C						
		20°CDB 14°CWB	23°CDB 16°CWB	26°CDB 18°CWB	27°CDB 19°CWB	28°CDB 20°CWB	30°CDB 22°CWB	32°CDB 24°CWB
15	TC ratio	0.666	0.738	0.793	0.815	0.833	0.863	0.885
	SHF ratio	1.209	1.151	1.105	1.085	1.069	1.047	1.032
20	TC ratio	0.666	0.738	0.793	0.815	0.833	0.863	0.885
	SHF ratio	1.209	1.151	1.105	1.085	1.069	1.047	1.032
25	TC ratio	0.666	0.738	0.793	0.815	0.833	0.863	0.885
	SHF ratio	1.209	1.151	1.105	1.085	1.069	1.047	1.032
32	TC ratio	0.659	0.735	0.792	0.814	0.832	0.862	0.885
	SHF ratio	1.220	1.151	1.103	1.083	1.068	1.045	1.030
40	TC ratio	0.673	0.741	0.796	0.817	0.836	0.865	0.888
	SHF ratio	1.202	1.150	1.105	1.085	1.070	1.047	1.033
50	TC ratio	0.669	0.742	0.797	0.818	0.836	0.865	0.887
	SHF ratio	1.204	1.144	1.099	1.081	1.066	1.044	1.030

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- Capacity : Total capacity for High sensible mode = Total capacity for normal capacity table X TC ratio.
Leistung: Gesamtleistung für hochfühlbaren Leistungsmodus = Gesamtleistung für normale Leistungstabelle x GL-Verhältnis.
Απόδοση: Συνολική απόδοση για τη λειτουργία υψηλής ευαισθησίας = Συνολική απόδοση για τον πίνακα κανονικών αποδόσεων X αναλογία TC
Capacidad: Capacidad total para el modo de alta sensibilidad = Capacidad total para la tabla de capacidad normal X relación TC.
Capacité sensible (FCS (Facteur de chaleur sensible) – en anglais : SHF) : FCS pour le mode sensibilité élevée (« High ») = FCS du tableau des capacités normales x rapport FCS.
Capacità: Capacità totale per modalità ad alta capacità sensibile = Capacità totale per tabella capacità normali X rapporto TC.
Capaciteit: totale capaciteit in modus grote ("High") gevoeligheid = totale capaciteit uit de tabel met normale capaciteiten x TC-ratio.
Производительность: Общая производительность для режима с высоким коэфф. ощутимого охлаждения = Общая производительность для нормального режима, таблица X коэфф. TC.
Kapasite: Yüksek algı modu için toplam kapasite = Normal kapasite tablosundaki toplam kapasite değeri x TC oranı.

- Sensible capacity (SHF): SHF for High sensible mode = SHF for normal capacity table X SHF ratio .
Fühlbare Leistung (SHF): SHF für hochfühlbaren Leistungsmodus = SHF für normale Leistungstabelle x SHF-Verhältnis.
Αισθητή απόδοση (SHF): SHF για λειτουργία υψηλής ευαισθησίας = SHF για πίνακα κανονικών αποδόσεων X αναλογία SHF .

Capacidad sensible (FCS): SHF para el modo de alta sensibilidad = SHF para la tabla de capacidad normal X relación SHF.
Capacité sensible (FCS (Facteur de chaleur sensible) – en anglais : SHF) : FCS pour le mode sensibilité élevée (« High ») = FCS du tableau des capacités normales x rapport FCS.
Capacità sensibile (SHF): SHF per modalità ad alta capacità sensibile = SHF per tabella capacità normali X rapporto SHF.
Gevoeligheidsfactor (WGF (warmtegevoelsfactor) – in het Engels "SHF"): WGF voor de modus grote ("High") gevoeligheid = WGF uit de tabel met normale capaciteiten x WGF-ratio.
Ощутимая производительность (SHF): SHF для режима с высоким коэфф. ощутимого охлаждения = SHF для нормального режима, таблица X коэфф. SHF.
Algılanabilir kapasite (SHF): Yüksek algı modu için SHF = Normal kapasite tablosundaki SHF değeri x SHF oranı.

- In case of SHF is bigger than 1 , SHF is "1"
Für den Fall, dass SHF größer als 1 ist, wird SHF als "1" angenommen.
Σε περίπτωση που το SHF είναι μεγαλύτερο από 1, το SHF είναι "1"
En caso de que SHF sea superior a 1 , SHF equivale a "1"
Si FCS est supérieur à 1, utilisez « 1 » pour FCS.
Qualora il valore SHF sia maggiore di 1 , SHF è "1"
Indien WGF groter is dan 1, neem dan "1" voor WGF.
Если SHF больше 1, то SHF равен "1"
SHF değeri 1'den büyükse, SHF değeri "1" kabul edilmelidir

6 Capacity tables

6 - 3 Capacity Correction Factor

FXZQ-A

			Capacity correction factor for Te = 11°C						
			20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
			14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
15	TC ratio	TC	0.546	0.569	0.639	0.676	0.708	0.759	0.799
	SHF ratio	SHF	1.209	1.297	1.235	1.186	1.150	1.099	1.066
20	TC ratio	TC	0.546	0.569	0.639	0.676	0.708	0.759	0.799
	SHF ratio	SHF	1.209	1.297	1.235	1.186	1.150	1.099	1.066
25	TC ratio	TC	0.546	0.569	0.639	0.676	0.708	0.759	0.799
	SHF ratio	SHF	1.209	1.297	1.235	1.186	1.150	1.099	1.066
32	TC ratio	TC	0.540	0.561	0.637	0.675	0.707	0.759	0.798
	SHF ratio	SHF	1.220	1.310	1.233	1.183	1.146	1.096	1.063
40	TC ratio	TC	0.552	0.576	0.643	0.680	0.712	0.763	0.803
	SHF ratio	SHF	1.202	1.289	1.234	1.186	1.150	1.099	1.067
50	TC ratio	TC	0.549	0.573	0.645	0.681	0.712	0.763	0.802
	SHF ratio	SHF	1.204	1.289	1.222	1.176	1.142	1.093	1.062

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Leistung: Gesamtleistung für hochfühlbaren Leistungsmodus = Gesamtleistung für normale Leistungstabelle x GL-Verhältnis.

Απόδοση: Συνολική απόδοση για τη λειτουργία υψηλής ευαισθησίας = Συνολική απόδοση για τον πίνακα κανονικών αποδόσεων X αναλογία TC

Capacidad: Capacidad total para el modo de alta sensibilidad = Capacidad total para la tabla de capacidad normal X relación TC.

Capacité sensible (FCS (Facteur de chaleur sensible) – en anglais : SHF) : FCS pour le mode sensibilité élevée (« High ») = FCS du tableau des capacités normales x rapport FCS.

Capacità: Capacità totale per modalità ad alta capacità sensibile = Capacità totale per tabella capacità normali X rapporto TC.

Capaciteit: totale capaciteit in modus grote ("High") gevoeligheid = totale capaciteit uit de tabel met normale capaciteiten x TC-ratio.

Производительность: Общая производительность для режима с высоким коэфф. ощутимого охлаждения = Общая производительность для нормального режима, таблица X коэфф. TC.

Kapasite: Yüksek algı modu için toplam kapasite = Normal kapasite tablosundaki toplam kapasite değeri x TC oranı.

- Sensible capacity (SHF): SHF for High sensible mode = SHF for normal capacity table X SHF ratio .

Fühlbare Leistung (SHF): SHF für hochfühlbaren Leistungsmodus = SHF für normale Leistungstabelle x SHF-Verhältnis.

Αισθητή απόδοση (SHF): SHF για λειτουργία υψηλής ευαισθησίας = SHF για πίνακα κανονικών αποδόσεων X αναλογία SHF .

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Für den Fall, dass SHF größer als 1 ist, wird SHF als "1" angenommen.

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Si FCS est supérieur à 1, utilisez « 1 » pour FCS.

Qualora il valore SHF sia maggiore di 1, SHF è "1"

Indien WGF groter is dan 1, neem dan "1" voor WGF.

Если SHF больше 1, то SHF равен "1"

SHF değeri 1'den büyükse, SHF değeri "1" kabul edilmelidir

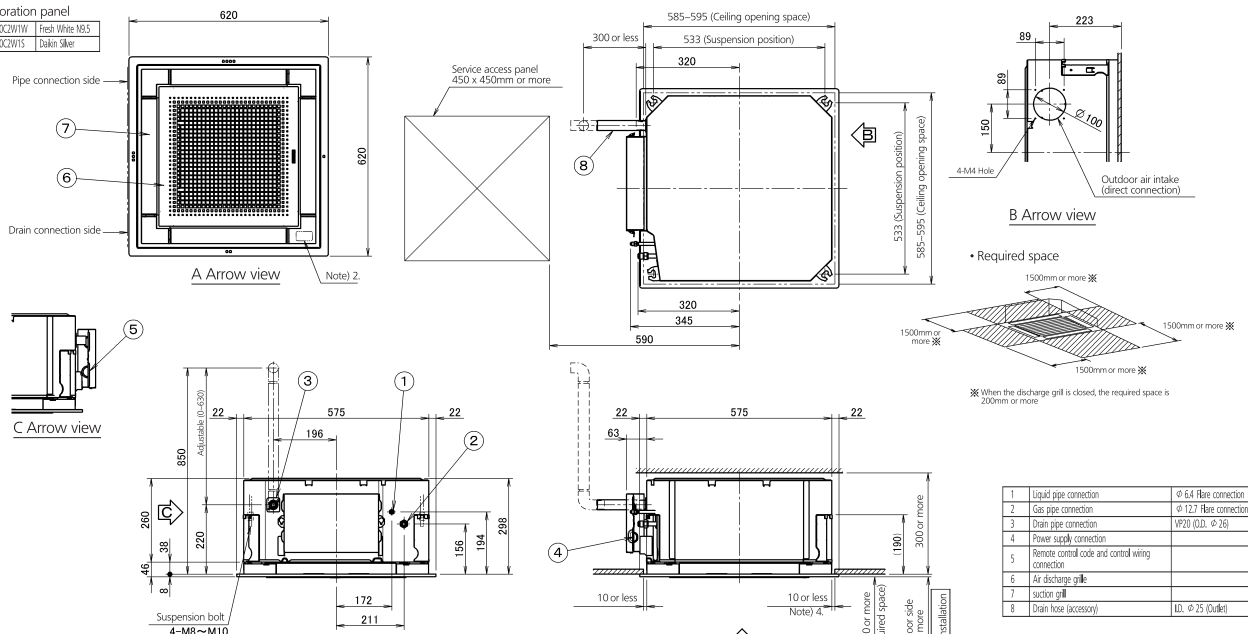
7 Dimensional drawings

7 - 1 Dimensional Drawings

FXZQ-A

• Decoration panel

BYR60C2W1W	Fresh White M85
BYR60C2W1S	Dark Silver



Note:

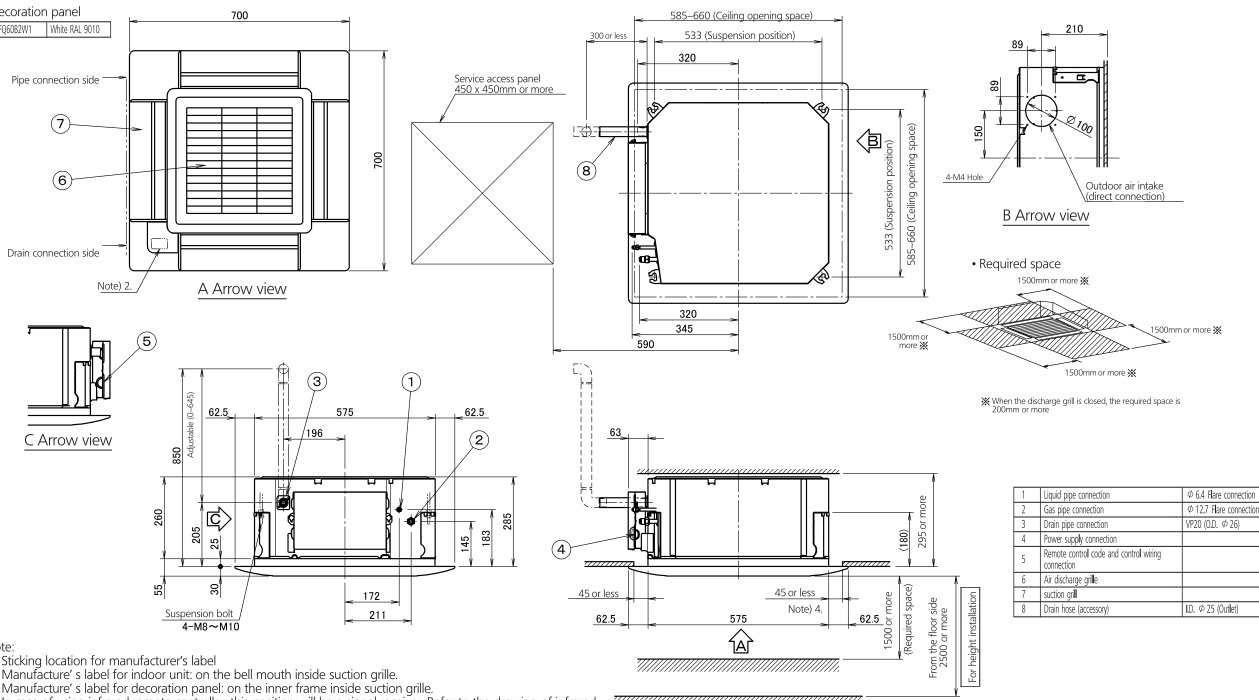
1. Sticking location for manufacturer's label
Manufacturer's label for indoor unit: on the bell mouth inside suction grille.
Manufacturer's label for decoration panel: on the inner frame inside suction grille.
2. In case of using infrared remote controller, this position will be a signal receiver. Refer to the drawing of infrared remote controller in detail.
3. When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more glasswool or polyethylene form) is required.
4. Though the installation is acceptable up to maximum of 595mm square ceiling opening. Keep the clearance of 10mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

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FXZQ-A

• Decoration panel

BYR60B2W1	White RAL 9010
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Note:

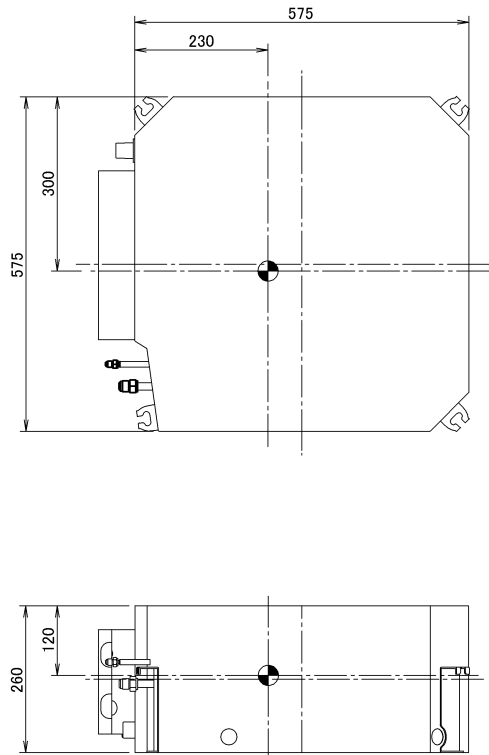
1. Sticking location for manufacturer's label
Manufacturer's label for indoor unit: on the bell mouth inside suction grille.
Manufacturer's label for decoration panel: on the inner frame inside suction grille.
2. In case of using infrared remote controller, this position will be a signal receiver. Refer to the drawing of infrared remote controller in detail.
3. When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more glasswool or polyethylene form) is required.
4. Though the installation is acceptable up to maximum of 660mm square ceiling opening, keep the clearance of 45mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

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8 Centre of gravity

8 - 1 Centre of Gravity

FXZQ-A

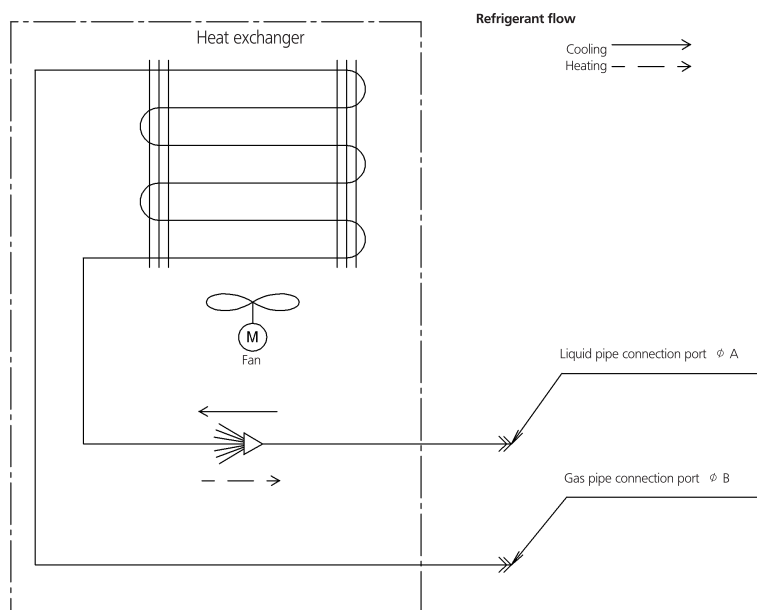


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9 Piping diagrams

9 - 1 Piping Diagrams

FXZQ-A



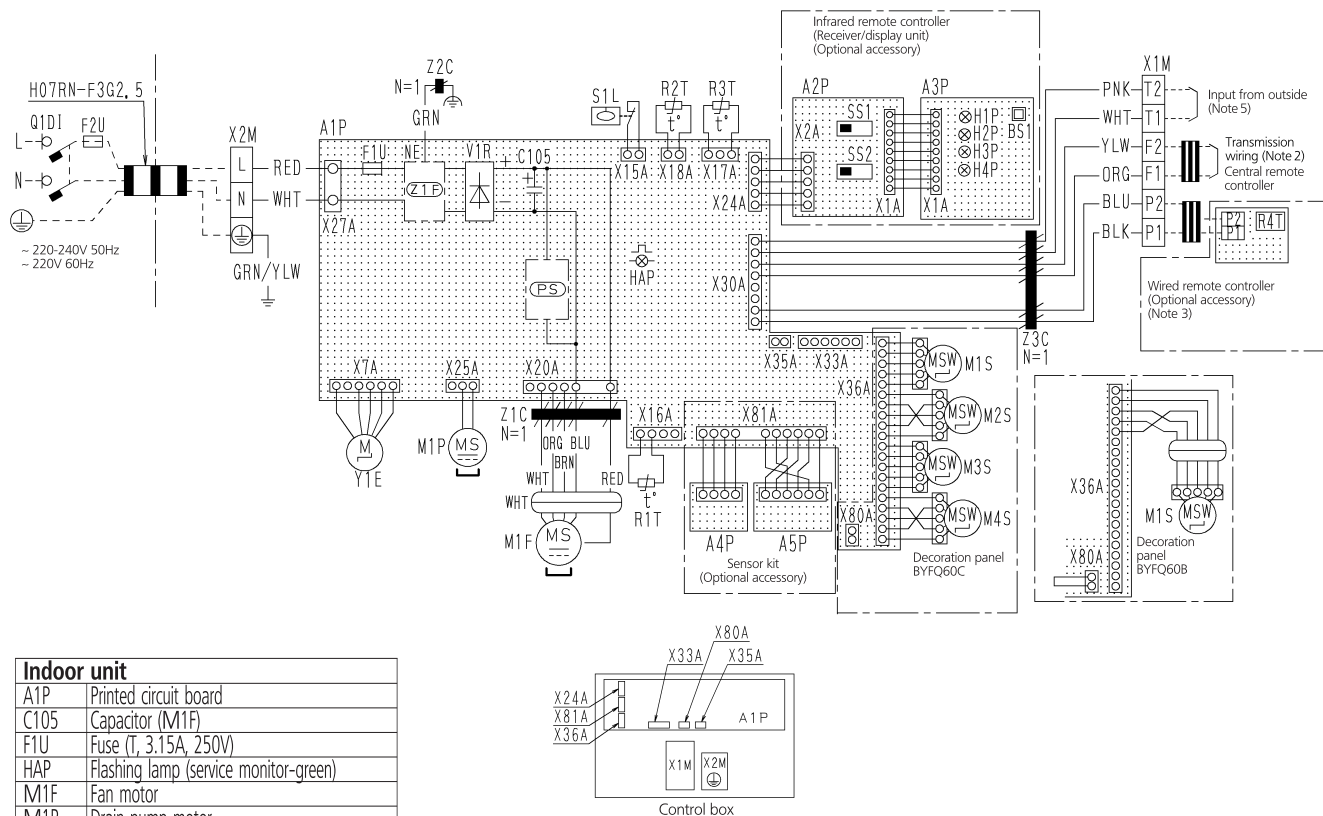
Model	A	B
FXZQ15A	6.35	12.7
FXZQ20A		
FXZQ25A		
FXZQ32A		
FXZQ40A		
FXZQ50A		

4D082552

10 Wiring diagrams

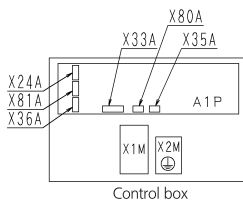
10 - 1 Wiring Diagrams - Single Phase

FXZQ-A



Indoor unit

A1P	Printed circuit board
C105	Capacitor (M1F)
F1U	Fuse (T, 3.15A, 250V)
HAP	Flashing lamp (service monitor-green)
M1F	Fan motor
M1P	Drain pump motor
MS	Swing motor
R1T	Thermistor (air)
R2T	Thermistor (coil)
R3T	Thermistor (coil)
S1L	Float switch
V1R	Diode bridge
X1M	Terminal block
X2M	Terminal block
Y1E	Electronic expansion valve
Z1F	Noise filter
Z1C	Ferrite core
Z2C	Ferrite core
Z3C	Ferrite core
PS	Switching power supply



Infrared remote controller (Receiver/display unit)

A2P	Printed circuit board
A3P	Printed circuit board
BS1	Push button switch on PCB
H1P	Pilot lamp (on-red)
H2P	Pilot lamp (timer-green)
H3P	Pilot lamp (filter sign-red)
H4P	Pilot lamp (defrost-orange)
SS1	Selector switch (main/sub)
SS2	Selector switch (infrared address set)

Sensor kit

A4P	Printed circuit board
A5P	Printed circuit board

Wired remote controller

R4T	Thermistor (air)
-----	------------------

Connector for optional parts

X24A	Connector (Infrared remote controller)
X33A	Connector (adapter for wiring)
X35A	Connector (Power supply for adapter)
X81A	Connector (Sensor kit)

Power supply

F2U	Fuse
Q1DI	Earth leak detector

Notes

- : Terminal block, ⊞, ⊞ : Connector, -||- : Field wiring
- In case of using central remote controller, connect it to the unit in accordance with the attached installation manual.
- In case of main/sub changeover, see the installation manual attached to remote controller.
- Symbols show as follows: BLK:Black RED:Red BLU:Blue WHT:White YLW:Yellow GRN:Green ORG:Orange BRN:Brown PNK:Pink.
- When connecting the input wiring from outside, forced off or on/off control operation can be selected by the remote controller See installation manual for more details.

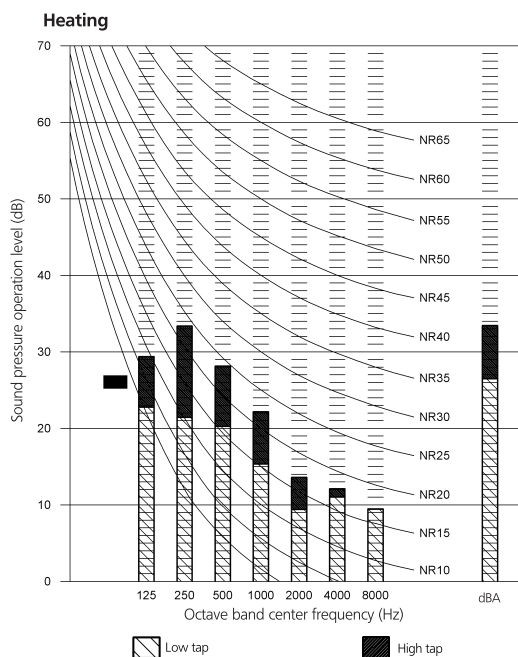
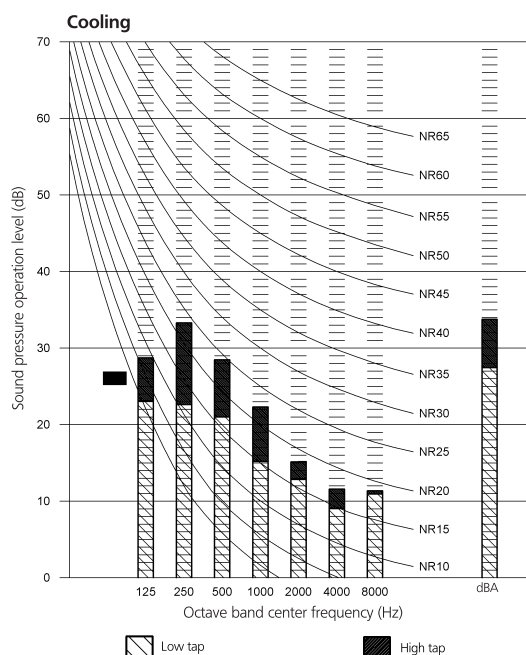
3D081396A

11 Sound data

11 - 1 Sound Pressure Spectrum

11

FXZQ15-20A



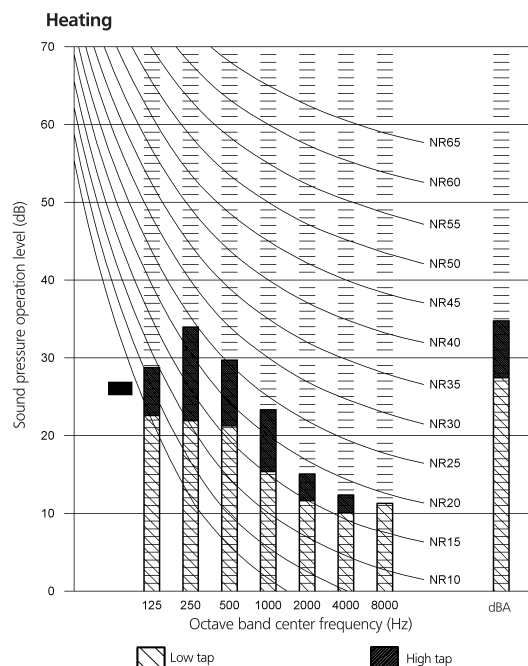
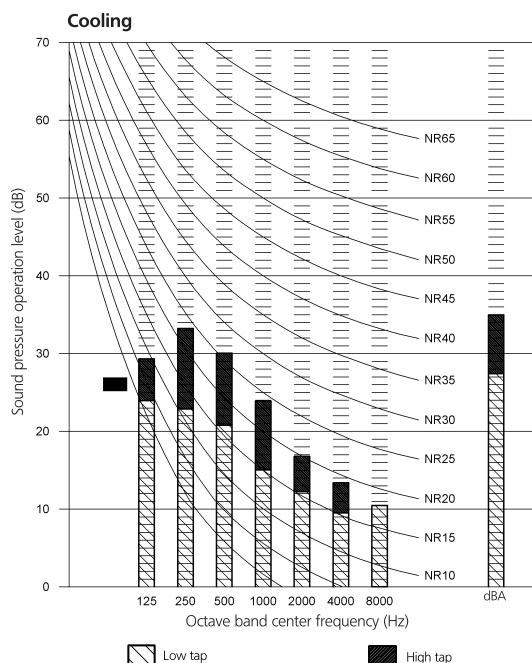
NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound pressure level (A-scale according to IEC).
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Sound power level:

High tap
約 25

3D082566

FXZQ25A



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound pressure level (A-scale according to IEC).
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Sound power level:

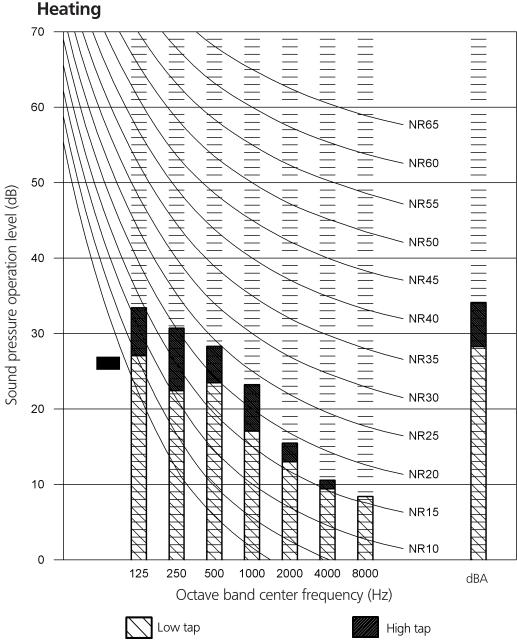
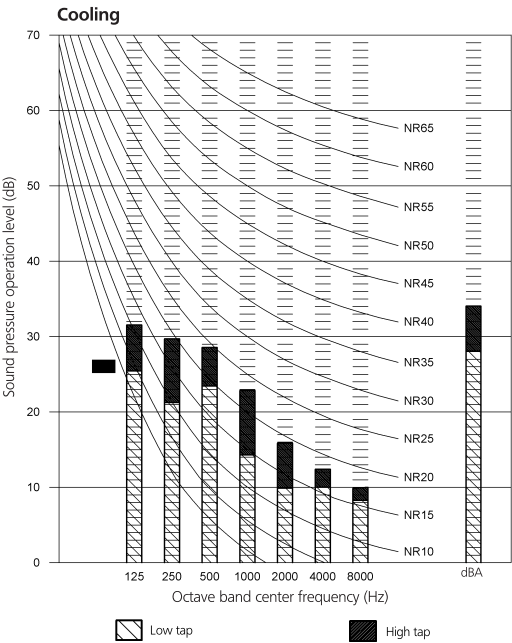
High tap
約 25

3D082567

11 Sound data

11 - 1 Sound Pressure Spectrum

FXZQ32A



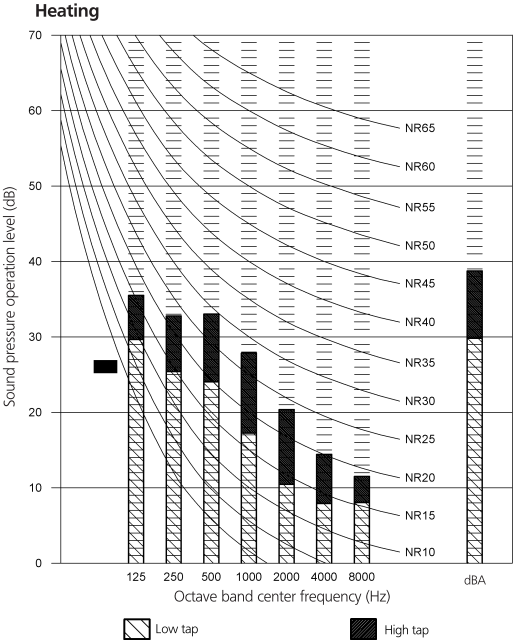
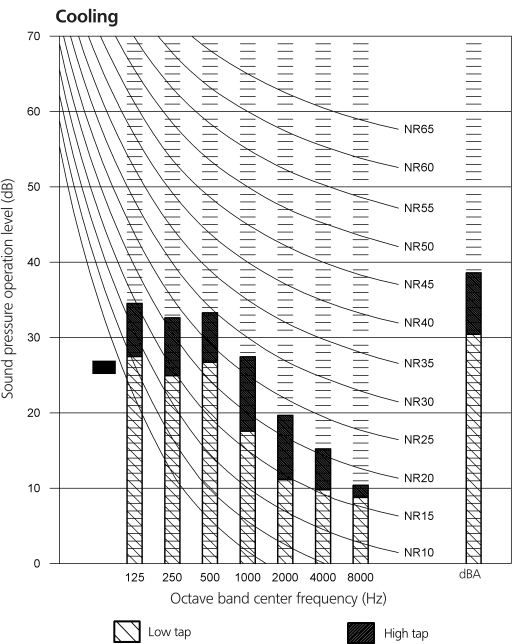
NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound pressure level (A-scale according to IEC).
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Sound power level:

High tap
51 dB

3D082568

FXZQ40A



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound pressure level (A-scale according to IEC).
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Sound power level:

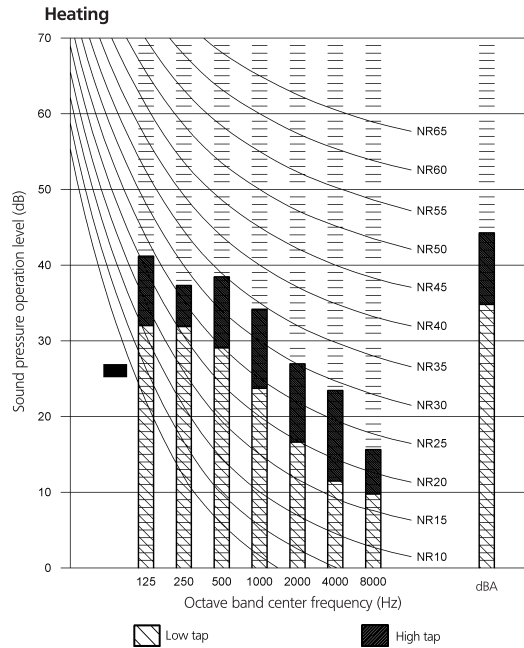
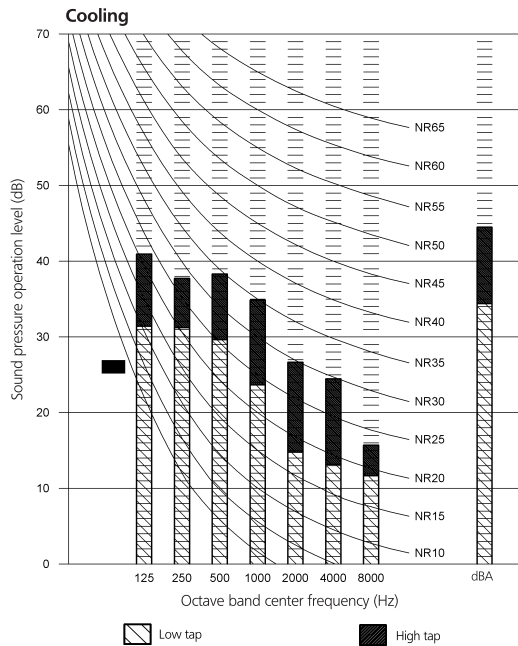
High tap
54 dB

3D082569

11 Sound data

11 - 1 Sound Pressure Spectrum

FXZQ50A



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound pressure level (A-scale according to IEC).
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Sound power level:

High tap
60.8

3D082570



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