

# Wall mounted unit Air Conditioning Technical Data FTXTA-BB / FTXTA-BW





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# FTXTA-BB/FTXTA-BW

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#### 1 - 1 FTXTA-BB

#### Where innovation meets creativity, even at ambient temperatures down to -25°C

- > Guaranteed heating capacity at low ambient temperature, down to -25°C
- > When installed close to a heating device (e.g. fire place or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house
- > A compact and functional design suitable for all interiors in a matt black finish
- > The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- > The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
- > Daikin Residential controller: control your indoor from any location with an app, via your local network or internet.

- > Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- > Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- > Seasonal efficiency values up to A+++ in cooling and heating
- > Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- > Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- > Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)





Guaranteed operation down to -25°C



Energy saving during standby mode



Vertical auto swing



Practically inaudible



Night set mode



Horizontal auto swing



Fireplace logic



Fan only

Auto fan

speed



Comfort mode

Coanda

effect-

cooling



Fan speed steps



Coanda effect-



Powerful mode



Dry programme



Intelligent thermal sensor



Auto coolingheating changeover



Silver allergen Flash Streamer removal and air purifying

filter



Heat boost



Indoor unit silent operation





Daikin Residential Controller



Outdoor unit silent operation



Titanium apatite deodorising filter



Econo mode



3-D air flow



Air filter



#### FTXTA-BB 1 - 1







remote control



control



control









application





#### 1 - 2 FTXTA-BW

#### Where innovation meets creativity, even at ambient temperatures down to -25°C

- > Guaranteed heating capacity at low ambient temperature, down to -25°C
- > When installed close to a heating device (e.g. fire place or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house
- > A compact and functional design suitable for all interiors in a matt crystal white finish
- > The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
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Powerful mode



Dry programme



Intelligent thermal sensor



Auto coolingheating changeover



Silver allergen Flash Streamer removal and air purifying filter



Heat boost



Indoor unit silent operation



streamer n Flash Strean



Daikin

Outdoor unit silent operation



Titanium apatite deodorising filter



Econo mode



3-D air flow



Air filter



#### FTXTA-BW 1 - 2







remote control



control



control









application





# Specifications1 - 2 FTXTA-BW

Technical spec					FTXTA30BB
Power input	Cooling	Nom.		kW	0.023
	Heating	Nom.		kW	0.022
Casing	Colour				Black
Dimensions	Unit	Height		mm	295
		Width		mm	798
		Depth		mm	189
	Packed	Height		mm	305
	unit	Width		mm	875
		Depth		mm	406
	Unit			kg	11.5
	Packed ur	nit		kg	14.0
Packing	Weight			kg	2.5
Heat exchanger	Length			mm	622
	Rows	Quantity			2
	Fin pitch			mm	1.40
	Face area			m²	0.214
	Stages	Quantity			18
	Passes	Quantity			3.385
	Tube type	2			ø5 Hi-XB
	Tube mate	erial			Copper
	Tube dian	neter		mm	5
	Fin	Туре			ML fin (Multi louver)
	Quantity				2
_	Length			mm	614
	Rows	Quantity			1
	Fin pitch			mm	1.40
	Face area			m²	0.047
	Stages	Quantity			4
Fan	Туре	,			Cross flow fan
	Quantity				1
	Air flow	Cooling	High	m³/min	11.9
	rate	J	3	cfm	420
			Medium	m³/min	8.3
				cfm	293
			Low	m³/min	5.7
			2011	cfm	201
Fan	Air flow	Cooling	Silent operation	m³/min	4.6
i dii	rate	cooming	Silent operation	cfm	162
		Heating	High	m³/min	11.5
		ricuting	i iigii	cfm	406
			Medium	m³/min	8.0
			Wediam	cfm	283
			Low	m³/min	6.0
			LOW	cfm	212
			Silent operation	m³/min	5.1
			Silent operation	cfm	180
Fan motor	Quantity			CIIII	1
arrinotor	Model				MM9G07N9SA
	Speed	Cooling	High	rnm	1,180
	Specu	cooming	Medium	rpm	880
			Low	rpm	660
			Silent operation	rpm	570
		Heating	High	rpm rpm	1,140
		пеанну			
			Medium Low	rpm	870
				rpm	710
°	C I'		Silent operation	rpm	640
Sound power level				dBA	60
	Heating	Lliada		dBA	60
	Cooling	High		dBA	43
evel		Medium		dBA	32
		Low		dBA	25
	11	Silent ope	eration	dBA	20
	Heating	High		dBA	41
		Medium		dBA	31
		Low		dBA	24
		Silent ope	eration	dBA	19
	Туре				R-32
	GWP				675.0
Piping connections		OD		mm	6.35
20	_	OD		mm	9.50
	Gas	OD			
	Drain Heat insu				18 Both liquid and gas pipes



# 2 Specifications

#### 1 - 2 FTXTA-BW

Technical spe	ecifications		FTXTA30BB							
Air filter	Type		Removable / washable							
Air filter	Quantity	рс	2							
Air direction contr	ol		Right, Left, Horizontal, Downward							
Temperature cont	rol		Microcomputer control							
Control systems	Infrared remote control		ARC466A59							
	Wired remote control		BRC073A4							

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Operation manual; Quantity: 1;

Standard accessories: Air filter; Quantity: 2;

Standard accessories: Infrared remote control; Quantity: 1;

Standard accessories: Remote controller mounting plate; Quantity: 1;

Standard accessories: Screw bag; Quantity: 1;

Standard accessories: Screw cover; Quantity: 2;

Standard accessories: AAA dry-cell batteries; Quantity: 2;

Standard accessories: General safety precautions; Quantity: 1;

Electrical sp	ecifications			FTXTA30BB					
Power supply	Name			V1					
	Phase			1~					
	Frequency		Hz	50					
	Voltage		V	220-240					
Current	Nominal running	Heating	Α	0.4					
	current (RLA) - 50H:	Z							
Wiring connec-	For power supply	Quantity		3					
tions - 50Hz		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)					
Current	Nominal running current (RLA)	Cooling	Α	0.4					

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | See separate drawing for electrical data

<b>Technical</b> spe	cificatio	ns			FTXTA30BW							
Power input	Cooling			kW	0.023							
•	Heating	Nom.		kW	0.022							
Casing	Colour				White							
Dimensions	Unit	Height		mm	295							
		Width		mm	798							
		Depth		mm	189							
	Packed	Height		mm	305							
	unit	Width		mm	875							
		Depth		mm	406							
Weight	Unit			kg	11.5							
	Packed u	nit		kg	14.0							
Packing	Weight			kg	2.5							
Heat exchanger	Length			mm	622							
3	Rows	Quantity			2							
	Fin pitch			mm	1.40							
	Face area			m²	0.214							
	Stages	Quantity			18							
	Passes	Quantity			3.385							
	Tube type				ø5 Hi-XB							
	Tube mat				Copper							
	Tube diar	neter		mm	5							
	Fin	Type			ML fin (Multi louver)							
Heat exchanger 2	Quantity				2							
	Length			mm	614							
	Rows	Quantity			1							
	Fin pitch	,		mm	1.40							
	Face area			m²	0.047							
	Stages	Quantity			4							
Fan	Type				Cross flow fan							
	Quantity				1							
	Air flow	Cooling	High	m³/min	11.9							
	rate	3	3	cfm	420							
			Medium	m³/min	8.3							
				cfm	293							
			Low	m³/min	5.7							
				cfm	201							



# **Specifications**

#### 1 - 2 FTXTA-BW

<b>Technical spe</b>	cificatio	ns		FTXTA30BW						
Fan	Air flow	Cooling	Silent operation	m³/min	4.6					
	rate	_		cfm	162					
		Heating	High	m³/min	11.5					
		_	_	cfm	406					
			Medium	m³/min	8.0					
				cfm	283					
			Low	m³/min	6.0					
				cfm	212					
			Silent operation	m³/min	5.1					
			·	cfm	180					
Fan motor	Quantity				1					
	Model				MM9G07N9SA					
	Speed	Cooling	High	rpm	1,180					
	•	_	Medium	rpm	880					
			Low	rpm	660					
			Silent operation	rpm	570					
		Heating	High	rpm	1,140					
			Medium	rpm	870					
			Low	rpm	710					
			Silent operation	rpm	640					
Sound power level	Cooling		•	dBA	60					
•	Heating			dBA	60					
Sound pressure	Cooling	High		dBA	43					
level	_	Medium		dBA	32					
		Low		dBA	25					
		Silent op	eration	dBA	20					
	Heating	High		dBA	41					
		Medium		dBA	31					
		Low		dBA	24					
		Silent op	eration	dBA	19					
Refrigerant	Туре				R-32					
	GWP				675.0					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.50					
	Drain				18					
	Heat insu	lation			Both liquid and gas pipes					
Air filter	Туре				Removable / washable					
Air filter	Quantity			рс	2					
Air direction contro	ol				Right, Left, Horizontal, Downward					
Temperature contr	ol				Microcomputer control					
Control systems Infrared remote control		ntrol		ARC466A59						
	Wired rei	mote contr	ol		BRC073A4					

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Operation manual; Quantity: 1;

Standard accessories: Air filter; Quantity: 2;

Standard accessories: Infrared remote control; Quantity: 1;

Standard accessories: Remote controller mounting plate; Quantity: 1;

Standard accessories: Screw bag; Quantity: 1;

Standard accessories: Screw cover; Quantity: 2;

Standard accessories: AAA dry-cell batteries; Quantity: 2;

Standard accessories: General safety precautions; Quantity: 1;

<b>Electrical sp</b>	ecifications			FTXTA30BW						
Power supply	Name			V1						
	Phase			1~						
	Frequency		Hz	50						
	Voltage		V	220-240						
Current	Nominal running current (RLA) - 50H:	Heating z	Α	0.4						
Wiring connec-	For power supply	Quantity		3						
tions - 50Hz		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)						
Current	Nominal running current (RLA)	Cooling	Α	0.4						

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | See separate drawing for electrical data



# 3 Options

## 3 - 1 Options

XTA-BB																																
XTA-BW			Factory	DIC	2 2	DIC	200	DIC	DIC	2 2	DIC	DICZ	DIC	DIC	200	DIC	DIC C	DIC	DIC2	DICZ	20 20	DIC	DIC2	DIC	2 2	DIC	DIC	DIC	200	를 다	DIC	DIC
			Casing		STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	A LISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH	STYLISH GTVISH	STYLISH	STYLISH	STYLISH	STYLISH							
			Class		$\neg$	202	-	$\top$	$\neg$	┰		-		П	-	1 1	- 1		1 1		$\neg$	$\top$			$\neg$	$\top$	42	П	$\neg$	20 20	1 1	- 1
			Applicable models	CTXA15A2V1BW	CTXA15A2V1BS	FTXA20A2V1BW	FTXA20A2V1BS	FTXA25A2V1BW	FTXA25A2V1BS	FIXA25A2V1BI	FTXA35A2V1BS	FTXA35A2V1BT	FTXA42A2V1BS	FTXA42A2V1BT	FTXA50A2V1BW	FTXA50A2V1BT	FTXTA30A2V1BW	CTXA15B2V1BS	CTXA15B2V1BT	FTXA20B2V1BB	FTXA20B2V1BS	FTXA25B2V1BB	FTXA25B2V1BS	FTXA25B2V1BT	FTXA35B2V1BS	FTXA35B2V1BT	FTXA42B2V1BB	FTXA42B2V1BS	FTXA42B2V1BT FTXA50B2V1BB	FTXA50B2V1BS	FTXA50B2V1BT	FTXTA30B2V1BW
Option kit	Product name	Remark		П		П									T			Γ				Τ			T			П	T	Г	П	T
Wired remote control	BRC073A4	23	Н	✓ .	/ /	· / .	/ /	· 🗸	√ .	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	<b>V</b>	/ /	<b>√</b>	<b>V</b>	√ .	/ /	· 🗸	<b>√</b>	V V	, V	7	7	7.	7 7		7	√ √
Extension cord for wired remote control (-3-m)	BRCW901A03			✓.	/ /	7	/ /	· 🗸	√ v	/ /	<b>V</b>	V .	/ /	✓ 、	/ /	V	/ /	1	1	√ \	/ /	· 🗸	<b>√</b>	V V	, \	7	1	✓ .	7 7	1	<b>V</b>	√ v
Extension cord for wired remote control (-8-m)	BRCW901A08			✓.	/ /	V.	/ /	√	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓ .	/ /	1	<b>√</b>	√ \	/ /	. ^	✓	V V	· 🗸	1	<b>V</b>	√ .	7 7	1	<b>√</b>	V V
Interface adaptor for DIII-NET	KRP928BA2S	23	Г	✓.	/ /	V.	/ /	√	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓.	/ /	1	✓	√ \	/ /	· 🗸	✓	V V	7	1	<b>V</b>	√ .	7 7	1	✓	1
Central remote control	DCS302CA51	23	Г	✓.	/ /	V .	/ /	√	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓.	/ /	1	✓	√ \	/ /	· 🗸	✓	V V	· 🗸	1	<b>√</b>	√ .	7 7	1	✓	V V
Schedule timer	DST301BA51	23		✓.	/ /	· / .	/ /	√	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓.	/ /	<b>V</b>	✓	√ \	/ /	· 🗸	✓	V V	· 🗸	1	<b>V</b>	√ .	7 7	1	✓	V V
Unified ON/OFF controller	DCS301B51	23		✓ .	/ /	√ 、	/ /	√	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓ .	/ /	V	✓	✓ 、	/ /	. ^	✓	√ v	′ V	1	<b>V</b>	✓ 、	7 7	<b>V</b>	✓	√ v
Wiring adaptor (normal open contact - normal open pulse contact)	KRP413A1S	23		✓ .	/ /	· / ·	/ /	. ^	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓	V V	V	✓	✓ 、	7 7	. ^	✓	√ v	7	1	<b>V</b>	√ .	7 7	1	✓	√ v
Conversion wire harness	EKRS21	2		✓ .	/ /	· / ·	/ /	. ^	✓ 、	/ /	<b>V</b>	✓ <sub>∨</sub>	/ /	✓ \	/ /	<b>√</b>	/ /	<b>V</b>	<b>✓</b>	√ \	/ /	. ^	<	√ v	<b>√</b>	1	<b>✓</b>	√.	77	1	✓	√ v
Anti-theft protection for remote control	KKF910A4			✓.	/ /	V .	/ /	· 🗸	✓ 、	/ /	<b>V</b>	✓ ,	/ /	✓ 、	/ /	✓.	/ /	1	✓	✓ 、	/ /	. ^	<b>\</b>	V V	′ ✓	<b>V</b>	✓	✓ 、	/ /	<b>V</b>	✓	V V
·KNX· interface	KLIC-DD	23		✓ .	/ /	√ 、	/ /	· 🗸	✓ 、	/ /	<b>√</b>	√ v	/ /	✓ 、	/ /	✓.	/ /	<b>V</b>	✓	✓ √	/ /	. ^	<b>V</b>	V V	′ ✓	<b>V</b>	✓	✓ 、	/ /	<b>V</b>	✓	√ v
Titanium apatite deodorising filter without frame	KAF970A46	1		✓.	/ /	✓ 、	/ /	√	✓ 、	/ /	✓	√ v	/ /	✓ 、	/ /	✓	/ /	<b>√</b>	✓	√ \	/ /	<b>√</b>	✓	√ v	′ <	<b>V</b>	<b>√</b>	✓ 、	/ /	<b>√</b>	✓	√ v
Silver particle filter (Ag-ion) with frame	KAF057A41	1	Γ	<b>√</b> .	/ /	V.	1 1	1	√ \	/ /	1	V .	17	VΤ	/ /	V	1	1	<b>V</b>	√ [,	/ /	1	/	V V	7	1	/	✓.	1 1	1	<b>V</b>	V V

#### Notes

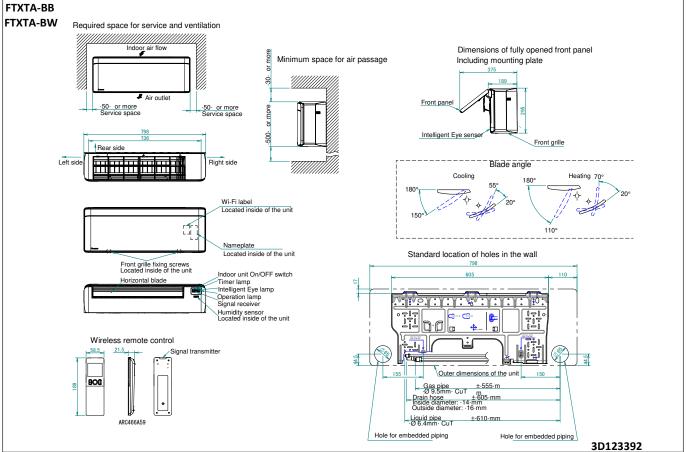
- 1. Standard accessory
- $2. \ This \ option \ features \ a(n) \cdot S21 \cdot connector. \ To \ connect \ this \ option \ to \ the \ indoor \ unit, \ therefore \ conversion \ wire \ harness \cdot EKRS21 \cdot is \ required.$
- 3. This option cannot operate together with the wireless LAN functionality that is a standard feature of the indoor unit. When connecting this option to the indoor unit, turn off the indoor unit's wireless LAN functionality.

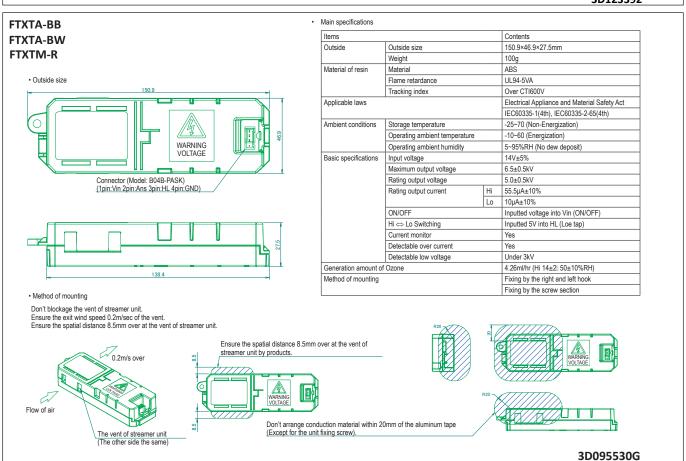
3D114991C



## 4 Dimensional drawings

#### 4 - 1 Dimensional Drawings

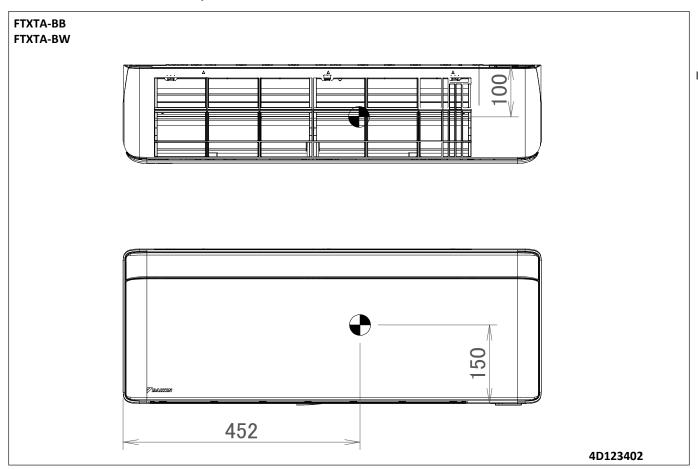






# 5 Centre of gravity

# 5 - 1 Centre of Gravity

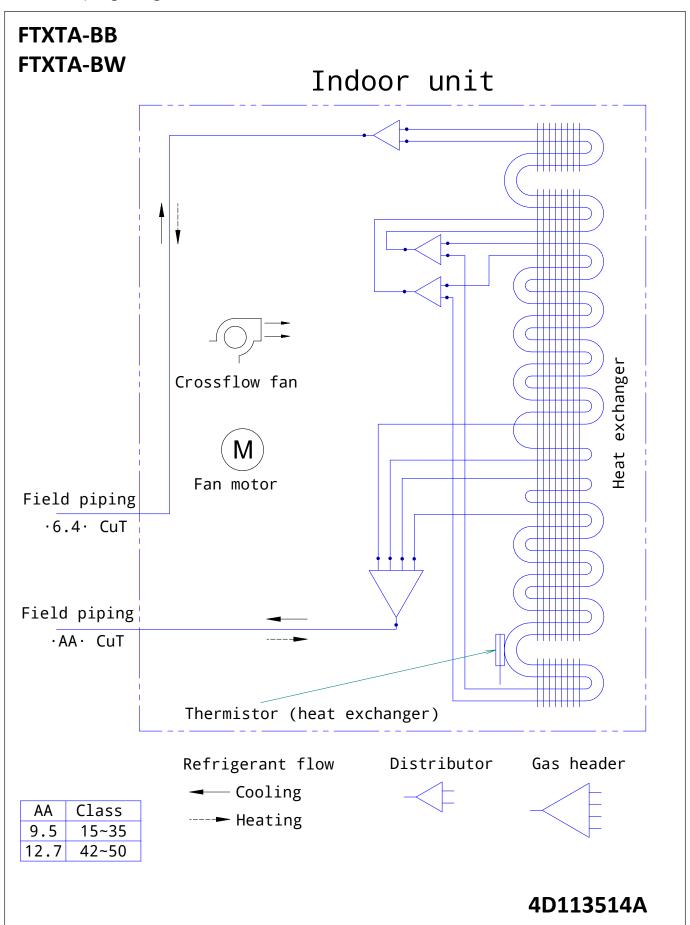




#### DAIKIN

## 6 Piping diagrams

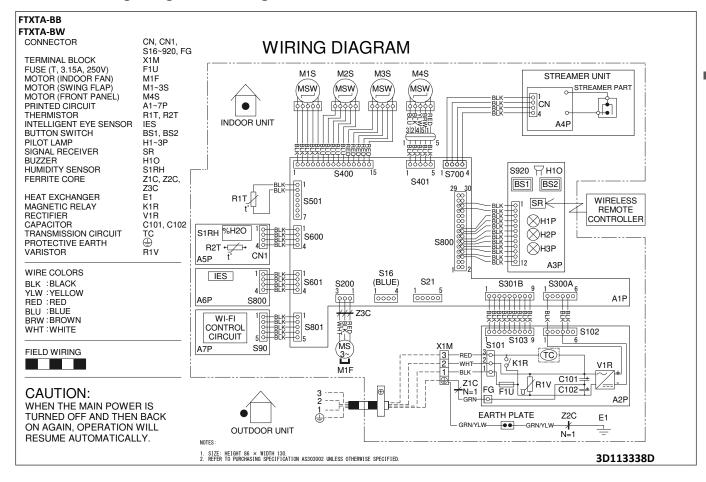
### 6 - 1 Piping Diagrams





## 7 Wiring diagrams

### 7 - 1 Wiring Diagrams - Single Phase

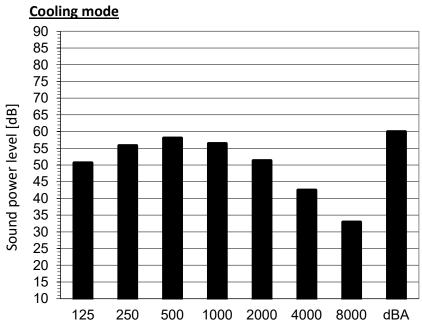




## 8 Sound data

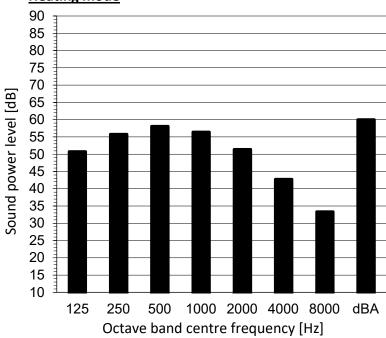
### 8 - 1 Sound Power Spectrum

FTXTA-BB FTXTA-BW



Octave band centre frequency [Hz]





Fan speed: High

#### Notes

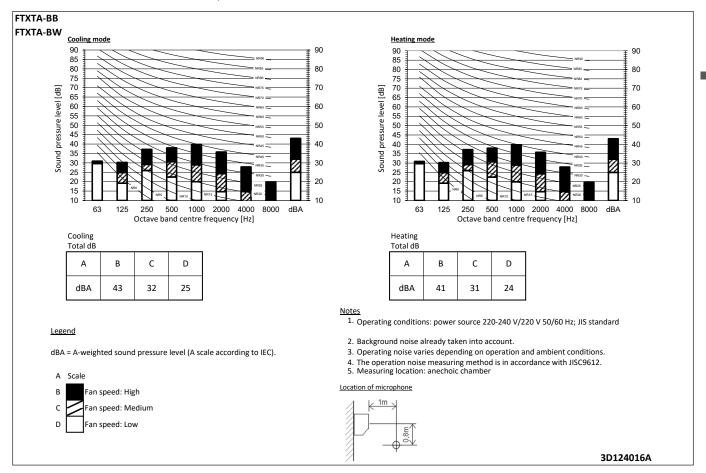
- 1. dBA = A-weighted sound power level (A scale according to IEC).
- 2. Reference acoustic power 0 dB =  $\cdot 10E-6 \cdot \mu W$
- 3. Measured according to ISO 3744

3D124007A



## 8 Sound data

## 8 - 2 Sound Pressure Spectrum



aikin Europe N.V. Naamloze Vennootschap · Zandvoordestra	at 300 · 8400 Ooste	ende · Belgium	· www.daikin.eu · BE 0412 120 336 · RF	'R Oostende (Responsible Editor)
			CERTIFIED PERFORMANCE	Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Fan Coll Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate:
	EEDEN21	06/2021	www.eurovent-certification.com	www.eurovent-certification.com
	E	CE	Europe N.V Daikin Europe N.V. has compiled the coimplied warranty is given for the completeness, acc and the products and services presented therein. S.	on only and does not constitute an offer binding upon Daikin ontent of this leaflet to the best of its knowledge. No express or uracy, reliability or fitness for particular purpose of its content oecifications are subject to change without prior notice. Daikin ect or indirect damage, in the broadest sense, arising from or et. All content is copyrighted by Daikin Europe N.V.