

technical data



CTXG-EV1BW_EV1BS

**Wall Mounted,
Inverter Controlled Unit**

air conditioning systems

Split
Sky Air

TABLE OF CONTENTS

CTXG-EV1BW_EV1BS

1	Features	2
2	Specifications	3
	For indoor units only	3
	Technical Specifications	3
	Electrical Specifications	4
3	Dimensional drawing & centre of gravity	5
	Dimensional drawing	5
	Centre of gravity	6
4	Piping diagram	7
5	Wiring diagram	8
	Wiring diagram	8
6	Sound data	9
	Sound pressure spectrum	9

1 Features

- State of the art design: sleek, compact and stylish outlook
- Superb energy efficiency
- Available in 2 colour variations: mat crystal white and mat crystal silver
- Newly designed air distribution flap prevents draft feeling by activating the 'comfort mode'
- The new titanium apatite photocatalytic air purification filter increases the active surface area for effective purification and deodorisation
- Horizontal and vertical auto-swing + 3D-air flow ensure efficient air and temperature distribution.
- Powerful mode can be selected for rapid cooling or heating
- The movement sensor saves power consumption in unoccupied rooms
- Indoor unit silent operation: "Silent" button on the remote control lowers the operation sound of the indoor unit by 3dB(A).



								
				(optional)				(5 steps)
								
		(standard)						
			(integrated titanium apatite)					

2 Specifications

2-1 FOR INDOOR UNITS ONLY			CTXG50EV1BW	CTXG50EV1BS
Nominal Input	Cooling	kW	0.030	0.030
	Heating	kW	0.030	0.030

2-2 TECHNICAL SPECIFICATIONS				CTXG50EV1BW	CTXG50EV1BS
Casing	Colour			Mat Crystal White	Mat Crystal Silver
Dimensions	Packing	Height	mm	345	345
		Width	mm	894	894
		Depth	mm	222	222
	Unit	Height	mm	275	275
		Width	mm	840	840
		Depth	mm	150	150
Weight	Unit		kg	9.0	9.0
	Packed Unit		kg	13.0	13.0
Heat Exchanger	Dimensions	Length	mm	660	660
		Nr of Rows		1	1
		Fin Pitch	mm	1.10	1.10
		Nr of Stages		4	4
	Tube type		Grooved tube (7)		
Fin		Type			Slit fin
Fan	Type			Cross flow fan	
Air Flow Rate	Cooling	High	m³/min	11.3	11.3
		Medium	m³/min	9.1	9.1
		Low	m³/min	7.1	7.1
		Silent Operation		m³/min	6.7
	Heating	High	m³/min	12.6	12.6
		Medium	m³/min	10.6	10.6
		Low	m³/min	8.7	8.7
		Silent Operation		m³/min	7.7
Fan	Motor	Quantity		1	1
		Model		KFD-280-40-8B	
		Number of steps		5 steps, silent and auto	
Motor	Speed (cooling)	High	rpm	1940	1940
		Medium	rpm	1620	1620
		Low	rpm	1310	1310
		Silent Operation		rpm	1250
	Speed (heating)	High	rpm	1950	1950
		Medium	rpm	1680	1680
		Low	rpm	1420	1420
		Silent Operation		rpm	1250
Fan	Motor	Output (high)	W	40	40
Cooling	Sound Power	High	dBA	64.0	64.0
		Low	dBA	35.0	35.0
	Sound Pressure	High	dBA	47.0	47.0
		Medium	dBA	41.0	41.0
		Silent Operation	dBA	32.0	32.0
Heating	Sound Power	High	dBA	64.0	64.0
		Low	dBA	35.0	35.0
	Sound Pressure	High	dBA	47.0	47.0
		Medium	dBA	41.0	41.0
		Silent Operation	dBA	32.0	32.0
Refrigerant	Type			R-410A	

2 Specifications

2

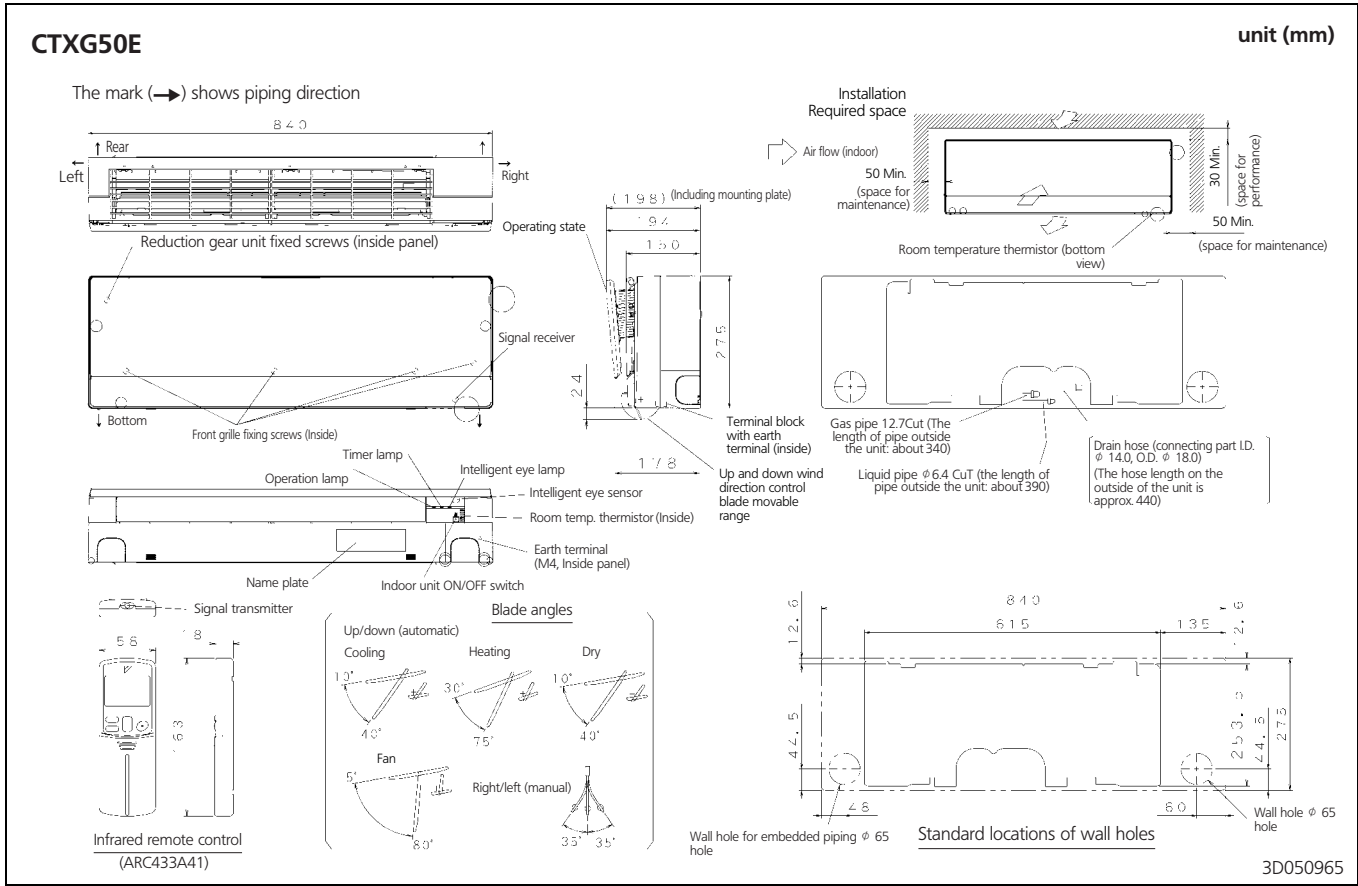
2-2 TECHNICAL SPECIFICATIONS				CTXG50EV1BW	CTXG50EV1BS
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4	6.4
	Gas	Diameter (OD)	mm	12.7	12.7
	Drain	Diameter (OD)	mm	18	18
	Heat Insulation			Both liquid and gas pipes	
Standard Accessories	Item			Installation manual	
	Quantity			1	1
	Item			Operation manual	
	Quantity			1	1
	Item			Infrared remote control	
	Quantity			1	1
	Item			Batteries	
	Quantity			2	2
	Item			Remote control holder	
	Quantity			1	1
	Item			Titanium apatite photocatalytic air purification filter	
	Quantity			2	2
	Item			Indoor unit fixing screws	
	Quantity			1	1
Item			Mounting plate		
Quantity			1	1	
Notes				Sound values are measured in an anechoic room.	
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings of this chapter.	
				The sound power level is an absolute value indicating the power which a sound source generates.	

2-3 ELECTRICAL SPECIFICATIONS				CTXG50EV1BW	CTXG50EV1BS
Power Supply	Name			V1	
	Phase			1	1
	Frequency		Hz	50	50
	Voltage		V	220-240	
Current	Nominal running current (RLA)	Cooling	A	0.14	0.14
		Heating	A	0.14	0.14
Wiring connections	For Power Supply	Quantity		3	3
		Remark	4 for interunit wiring (included earth wiring)		
Voltage range	Minimum			-10%	
	Maximum			+10%	
Power Supply Intake				Outdoor unit only	

4

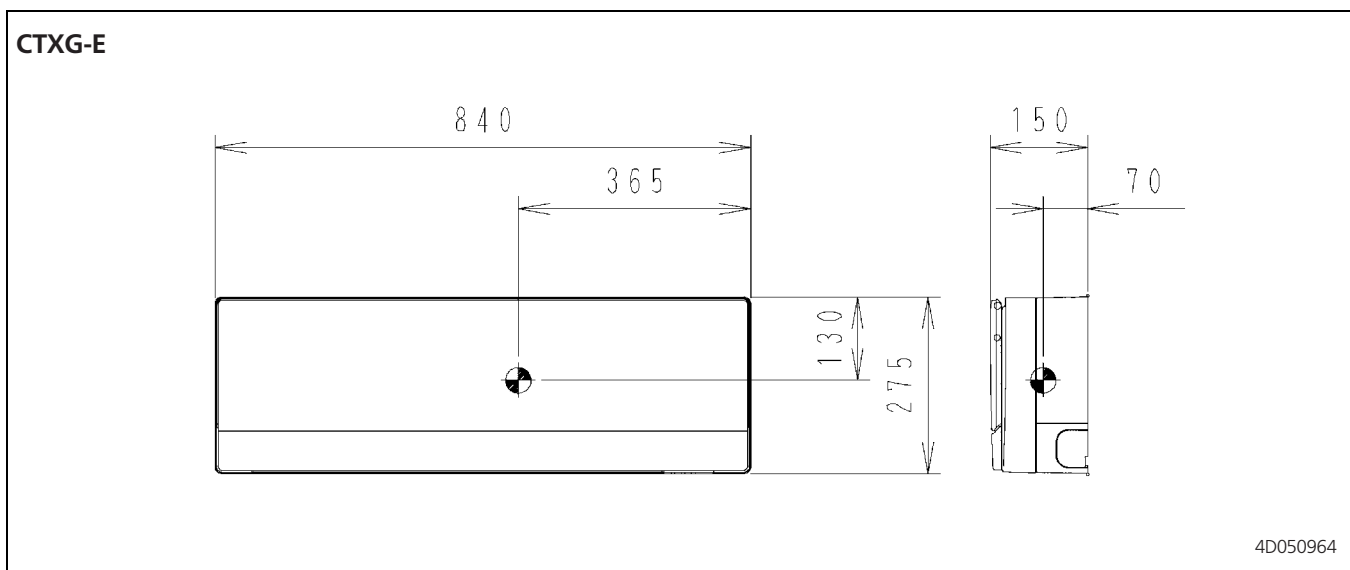
3 Dimensional drawing & centre of gravity

3 - 1 Dimensional drawing



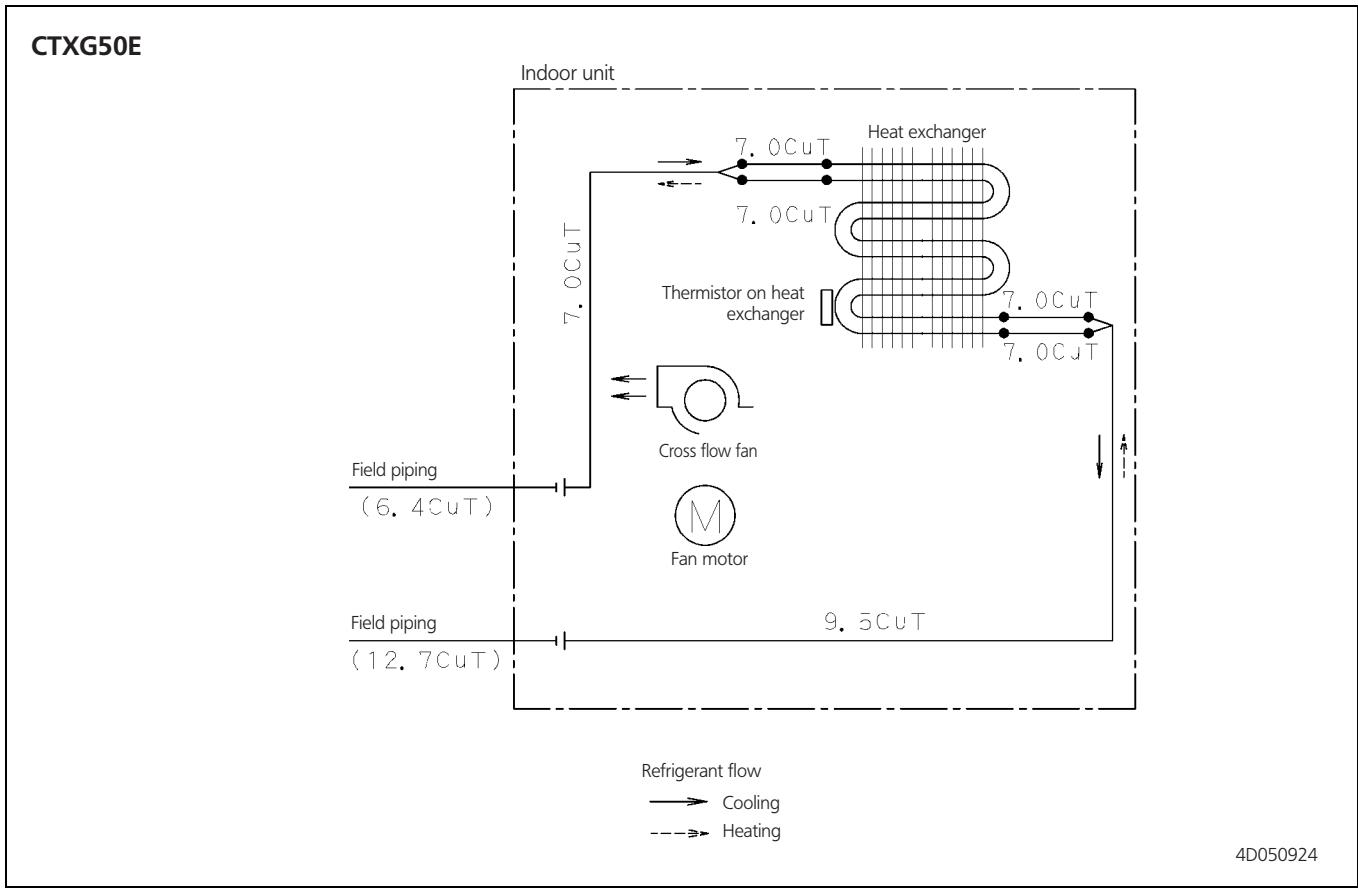
3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity



3

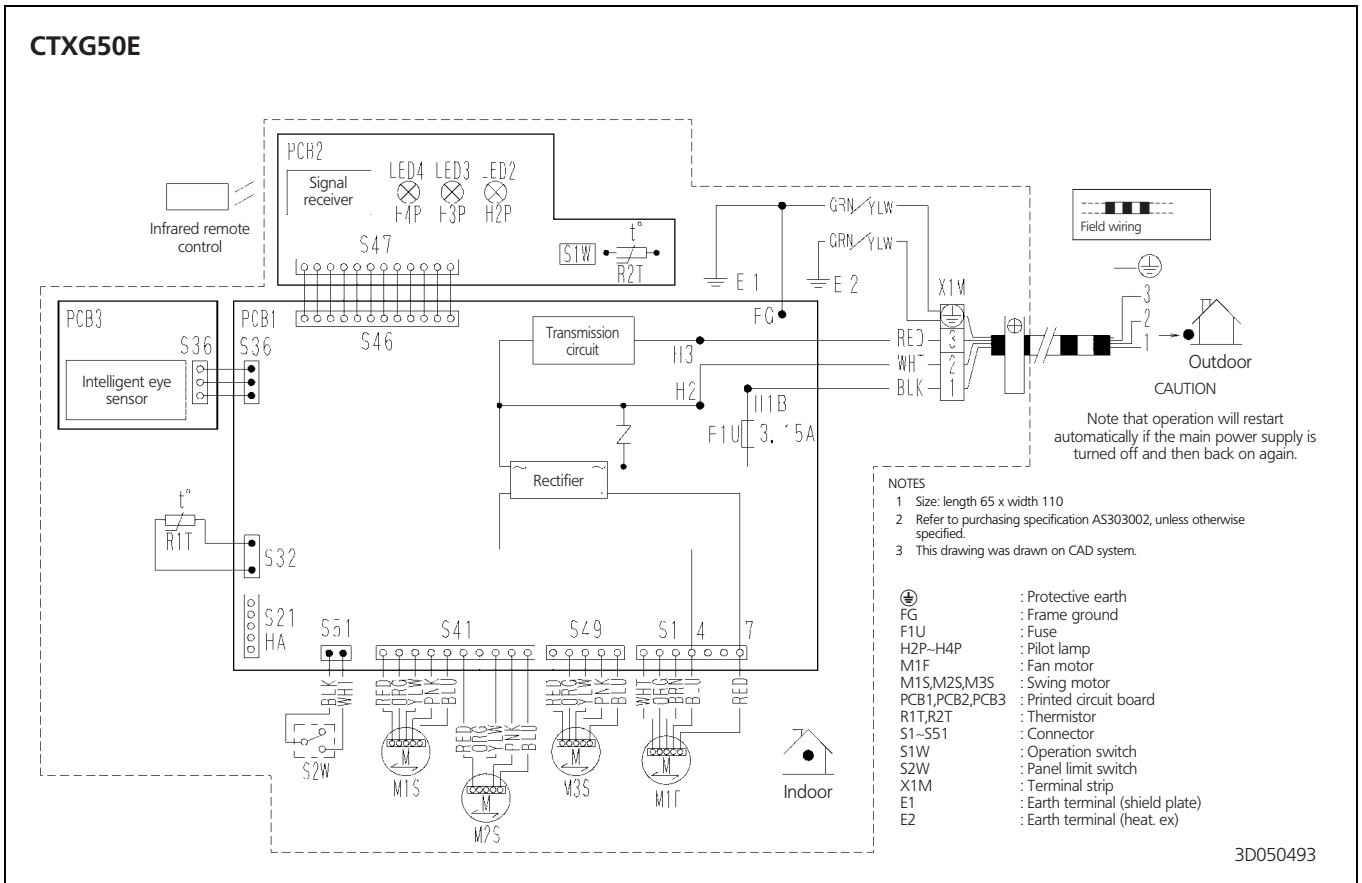
4 Piping diagram



5 Wiring diagram

5 - 1 Wiring diagram

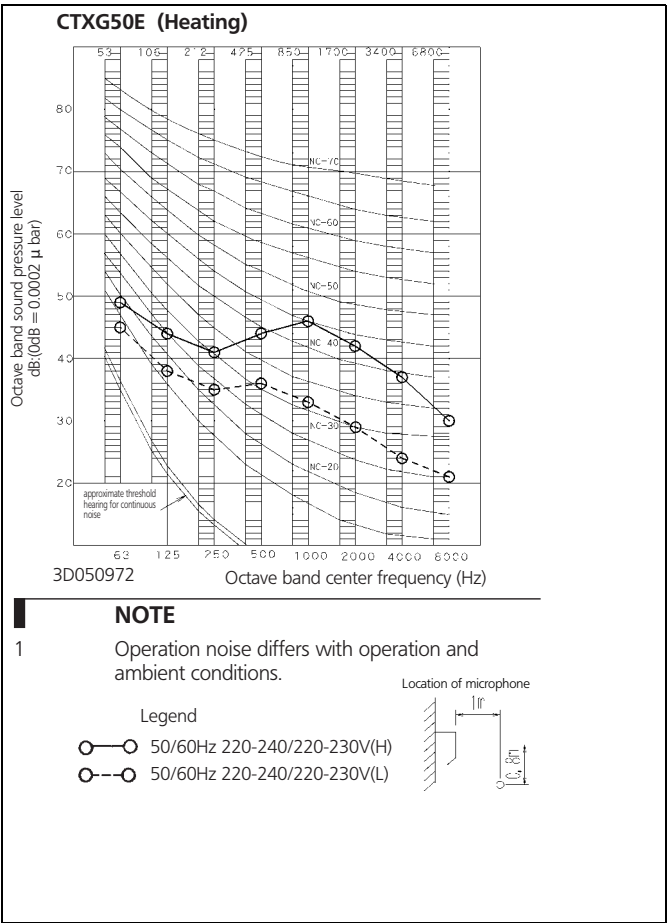
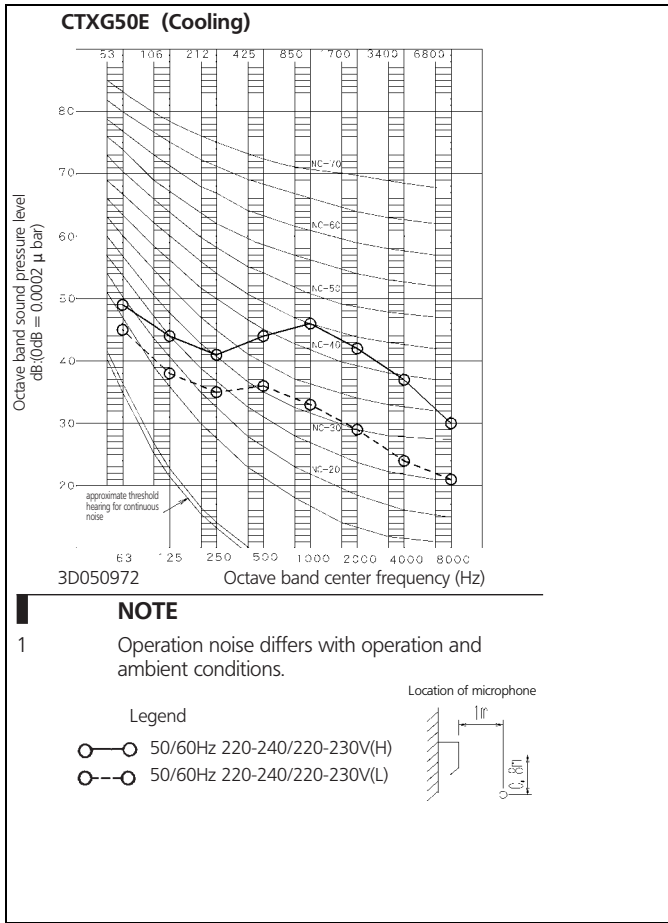
5



8

6 Sound data

6 - 1 Sound pressure spectrum



Split - Sky Air

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V..



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B-8400 Ostend - Belgium
www.daikineurope.com

