



technical data

FTKS/FTXS-B



**Wall Mounted,
Inverter Controlled Unit**



air conditioning systems

Split Sky Air

Split - Sky Air



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



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 Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi Units are certified by Eurovent for combinations up to 2 indoor units.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B - 8400 Ostend Belgium
Internet: <http://www.daikineurope.com>

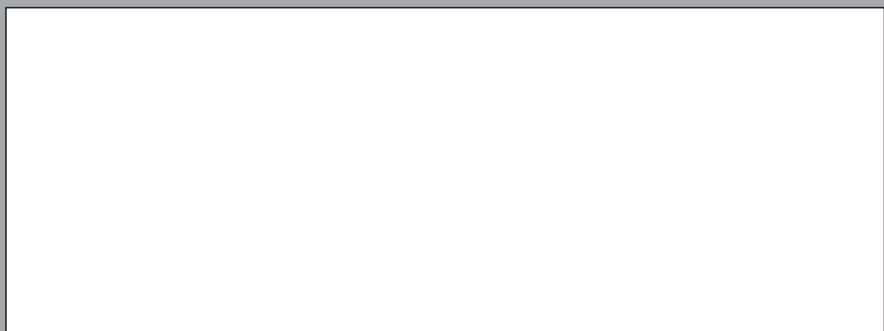




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FTKS/FTXS-B



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For capacity tables, please refer to part II: outdoor units





1 Features

- Flat front panel: its stylish appearance fits easily within any interior décor and is more easy to clean.
- Lightweight and compact
- The movement sensor saves power consumption in unoccupied rooms.
- The home leave operation saves energy during absence.
- Automatic horizontal and vertical auto-swing ensures uniform air flow and temperature distribution.
- 3D-air flow (50,60,71 class only)
- Powerful mode can be selected for rapid cooling or heating.
- Air purification filter
 - deodorises the air
 - helps to prevent bacterial and viral propagation
- Photocatalytic deodorising air filter:
 - powerful decomposes cigarette and pet odours
 - removes house dust and pollen
 - deactivates bacteria and viruses
- Indoor / outdoor unit silent operation

Silent buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dB(A) each.
- Night quiet mode automatically reduces the operating sound of the outdoor unit by 3dB(A) at night. multi outdoors in cooling mode only
- Up to 4 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with remote control and do not need to be installed in the same room. They operate simultaneously within the same cooling or heating mode.
- The outdoor unit can easily be mounted on a roof, a terrace or placed against an outside wall.
- Outdoor units are fitted with a swing compressor, renowned for its low noise and energy efficiency.
- The remote control has a 24 hour timer
- The indoor model also has a start/stop button mounted on the front panel
- Up to 5 indoor units can be operated from a single centralised control
- Purpose designed holder provided for your remote control



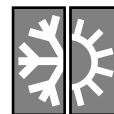


2 Specifications

2

NOMINAL CAPACITY and NOMINAL INPUT										
For indoor units only:										
INDOOR UNITS				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB		
NOMINAL INPUT	Cooling	min.~nom.~max.	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07		
For combination indoor units + outdoor units:										
INDOOR UNITS				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB		
OUTDOOR UNITS - PAIR APPLICATION				RKS25BVMB	RKS35BVMB	RKS50BVMB	RKS60BVMB	RKS71BVMB		
NOMINAL CAPACITY (2-3)	Cooling (1)	min.~nom.~max.	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~5.00~5.80	0.90~6.00~6.70	0.90~7.10~8.00		
NOMINAL INPUT	Cooling	min.~nom.~max.	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07		
EER				3.57	3.02	3.01	2.83	2.81		
ENERGY LABEL				Cooling	kW	A	B	B	C	C
ANNUAL ENERGY CONSUMPTION				Cooling	kW	350	580	830	1,060	1,265
OUTDOOR UNITS - MULTI APPLICATION				2MKS40/3MKS50/4MKS58,75,90B		4MKS58,75,90B	4MKS75,90B	4MKS90B		
For more information, see chapter MKS-B										

TECHNICAL SPECIFICATIONS										
For indoor units only:										
INDOOR UNITS				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB		
DIMENSIONS	Unit	H	mm	273		290		290		
		W	mm	784		795		1,050		
		D	mm	195		238		238		
WEIGHT	Unit	kg		8		9		12		
COLOUR	Unit	White								
SOUND LEVEL	Sound pressure (cooling) (4)	high	dB(A)	38	39	44	45	46		
		low	dB(A)	25	26	35	36	37		
		super low	dB(A)	22	23	32	33	34		
	Sound power (cooling) (5)		dB(A)	54	55	63	63	63		
FAN	Air flow rate (cooling)	high	m ³ /min	7.4	7.4	11.4	16.2	16.7		
		low	m ³ /min	4.1	4.4	8.0	11.4	11.6		
		super low	m ³ /min	3.6	3.8	7.1	10.2	10.6		
	Speed	steps	5 steps, silent and auto							
		high	rpm	1,390	1,390	1,340	1,330	1,370		
		medium	rpm	1,120	1,140	1,180	1,170	1,210		
		low	rpm	850	890	1,010	1,010	1,040		
Type	Cross flow fan									
Motor output	W		18		40		43			
HEAT EXCHANGER	Type	ML fin - ϕ 8Hi - XA tube								
	Rows x stages x fin pitch	mm	2 x 12 x 1.4	2 x 12 x 1.4	2 x 16 x 1.4	2 x 16 x 1.4	2 x 16 x 1.4			
AIR FILTER	Removable/washable/mildew proof									
TEMPERATURE CONTROL	Microcomputer control									
PIPING CONNECTIONS	liquid	mm	ϕ 6.4							
	gas	mm	ϕ 9.5		ϕ 12.7		ϕ 15.9			
	drain	mm	ϕ 18.0							
INSULATION MATERIAL	Heat insulation tape		Both liquid and gas pipes							
For outdoor units	Pair application	See chapter RKS-B								
	Multi application	See chapter MKS-B								



2 Specifications

2

ELECTRICAL SPECIFICATIONS								
For indoor units only:				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
CURRENT	Nominal running current	cooling	A	0.18	0.18	0.18	0.18	0.20
For combination indoor units + outdoor units:				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
				RKS25BVMB	RKS35BVMB	RKS50BVMB	RKS60BVMB	RKS71BVMB
CURRENT	Nominal running current	cooling	A	3.7	5.4	7.3	9.3	11.1
	Maximum running current	cooling	A	See chapter RKS-B: electrical data				
	Starting current	cooling	A					
For combination indoor units + outdoor units:				FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
				2MKS40/3MKS50 4MKS58,75,90B		4MKS58,75,90B	4MKS75,90B	4MKS90B
CURRENT	Nominal running current	cooling	A	See chapter MKS-B: electrical data				
	Maximum running current	cooling	A					
	Starting current	cooling	A					

NOTES

- 1 Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB * outdoor temperature 35°CDB * refrigerant piping length: 7.5m * level difference: 0m.
- 2 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- 3 Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.
- 4 The sound pressure level is measured via a microphone at a certain distance from the unit. For measuring conditions: please refer to item 6 of this chapter.
- 5 The sound power level is an absolute value indicating the "power" which a sound source generates.
- 6 Energy label: scale from A (most efficient) to G (less efficient).
- 7 Annual energy consumption: based on average use of 500 running hours per year at full load (= nominal capacity)



2 Specifications

NOMINAL CAPACITY and NOMINAL INPUT								
For indoor units only:								
INDOOR UNITS				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
NOMINAL INPUT	Cooling	min.~nom.~max.	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07
	Heating	min.~nom.~max.	kW	0.24~0.935~1.43	0.24~1.23~1.83	0.45~1.70~2.58	0.45~2.09~3.10	0.45~2.63~3.80

For combination indoor units + outdoor units:								
INDOOR UNITS				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
OUTDOOR UNITS - PAIR APPLICATION				RXS25BVMB	RXS35BVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
NOMINAL CAPACITY (3-4)	Cooling (1)	min.~nom.~max.	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~5.00~5.80	0.90~6.00~6.70	0.90~7.10~8.00
	Heating (2)	min.~nom.~max.	kW	1.00~3.40~5.00	1.00~4.20~5.80	0.90~5.80~7.50	0.90~7.00~8.00	0.90~8.50~9.50
NOMINAL INPUT	Cooling	min.~nom.~max.	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.66~2.30	0.45~2.12~2.45	0.45~2.53~3.07
	Heating	min.~nom.~max.	kW	0.24~0.935~1.43	0.24~1.23~1.83	0.45~1.70~2.58	0.45~2.09~3.10	0.45~2.63~3.80
EER	Cooling			3.57	3.02	3.01	2.83	2.81
COP	Heating			3.64	3.41	3.41	3.35	3.23
ENERGY LABEL	Cooling			A	B	B	C	C
	Heating			A	B	B	C	C
ANNUAL ENERGY CONSUMPTION	Cooling		kW/h	350	580	830	1,060	1,265
	Heating		kW/h	467,5	615	850	1,045	1,315
OUTDOOR UNITS - MULTI APPLICATION				2MXS40/3MXS52/4MXS68,80B		3MXS52/ 4MXS68,80B	4MXS68,80B	4MXS80B
For more information, see chapter MXS-B								

TECHNICAL SPECIFICATIONS									
For indoor units only:									
INDOOR UNITS				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB	
DIMENSIONS	Unit	H	mm	273		290		290	
		W	mm	784		795		1,050	
		D	mm	195		238		238	
WEIGHT	Unit		kg	8		9		12	
COLOUR	Unit			White					
SOUND LEVEL	Sound pressure (cooling/heating) (5)	high	dB(A)	38/38	39/39	44/42	45/44	46/46	
		low	dB(A)	25/28	26/29	35/33	36/35	37/37	
		super low	dB(A)	22/25	23/26	32/30	33/32	34/34	
	Sound power (cooling/heating) (6)	high	dB(A)	54/*	55/*	63/60	63/62	63/63	
FAN	Air flow rate (cooling/heating)	high	m ³ /min	7.4/7.5	7.4/7.5	11.4/12.6	16.2/17.4	16.7/18.5	
		low	m ³ /min	4.1/5.0	4.4/5.2	8.0/8.9	11.4/12.7	11.6/13.5	
		super low	m ³ /min	3.6/4.5	3.8/4.6	7.1/7.7	10.2/11.4	10.6/12.1	
	Speed (cooling/heating)	steps		5 steps, silent and auto					
		high	rpm	1,390/1,350	1,390/1,350	1,340/1,370	1,330/1,360	1,370/1,440	
		medium	rpm	1,120/1,155	1,140/1,165	1,180/1,200	1,170/1,200	1,210/1,270	
	low	rpm	850/960	890/980	1,010/1,030	1,010/1,040	1,040/1,100		
Type			Cross flow fan						
Motor output	W		18		40		43		
HEAT EXCHANGER	Type			ML fin - ϕ 8Hi - XA tube					
	Rows x stages x fin pitch	mm		2 x 12 x 1.4	2 x 12 x 1.4	2 x 16 x 1.4	2 x 16 x 1.4	2 x 16 x 1.4	
AIR FILTER				Removable/washable/mildew proof					
TEMPERATURE CONTROL				Microcomputer control					
PIPING CONNECTIONS	liquid	mm		ϕ 6.4					
	gas	mm		ϕ 9.5		ϕ 12.7		ϕ 15.9	
	drain	mm		ϕ 18.0					
INSULATION MATERIAL	Heat insulation tape			Both liquid and gas pipes					

For outdoor units	Pair application	See chapter RXS-B
	Multi application	See chapter MXS-B



2 Specifications

2

ELECTRICAL SPECIFICATIONS								
For indoor units only:				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
CURRENT	Nominal running current	cooling	A	0.18	0.18	0.18	0.18	0.20
		heating	A	0.18	0.18	0.20	0.20	0.22

For combination indoor units + outdoor units:				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
				RXS25BVMB	RXS35BVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
CURRENT	Nominal running current	cooling	A	3.7	5.4	7.3	9.3	11.1
		heating	A	4.4	5.6	7.5	9.2	11.6
	Maximum running current	cooling	A	See chapter RXS-B: electrical data				
		heating	A					
	Starting current	cooling	A					
		heating	A					

For combination indoor units + outdoor units:				FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
				2MXS40/3MXS52/ 4MXS68,80B		3MXS52/ 4MXS68,80B	4MXS68,80B	4MXS80B
CURRENT	Nominal running current	cooling	A	See chapter MXS-B: electrical data				
		heating	A					
	Maximum running current	cooling	A					
		heating	A					
	Starting current	cooling	A					
		heating	A					

NOTES

- Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB * outdoor temperature 35°CDB * refrigerant piping length: 7.5m * level difference: 0m.
- Nominal heating capacities are based on: indoor temperature 20°CDB * outdoor temperature 7°CDB/6°CWB * refrigerant piping length 7.5m (horizontal) * level difference 0m.
- Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- Units should be selected on nominal capacity. Maximum capacity is limited to peak periods.
- The sound pressure level is measured via a microphone at a certain distance from the unit. For measuring conditions: please refer to item 6 of this chapter.
- The sound power level is an absolute value indicating the "power" which a sound source generates.
- Energy label: scale from A (most efficient) to G (less efficient).
- Annual energy consumption: based on average use of 500 running hours per year at full load (= nominal capacity)



3 Dimensional drawings

FTK/XS25-35B unit (mm)

The mark (→) shows piping direction

FTXS---: (ARC433A1)
FTKS---: (ARC433A2)

Blade angle

Up/down (automatic)
Cooling, dry

Heating

Right/left (manual)

Air flow (indoor) required space (for performance and maintenance)

(including installation plate)

197
195
273

Name plate
Terminal block with earth terminal

Gas pipe 9.5CuT (The length of pipe outside the unit: about 300)
Liquid pipe ϕ 6.4 CuT (the length of pipe outside the unit: about 350)

Drain hose (connecting part I.D. ϕ 14.0, O.D. ϕ 18.0)
(The hose length on the outside of the unit is approx. 410)

Standard locations of wall holes

3D039510A

FTK/XS50B unit (mm)

The mark (→) shows piping direction

FTX---: (ARC433A21)
FTK---: (ARC433A22)

Blade angles

Horizontal blade (Automatic)
Cooling, dry

Heating (FTX--- only)

Dry

Vertical blade (Automatic)

Air flow (indoor) required space (for performance and maintenance)

(including installation plate)

240
238
290

Name plate
Terminal block with earth terminal (inside)

Gas pipe 12.7CuT (The length of pipe outside the unit: about 340)
Liquid pipe ϕ 6.4 CuT (the length of pipe outside the unit: about 350)

Drain hose (connecting part I.D. ϕ 14.0, O.D. ϕ 18.0)
(The hose length on the outside of the unit is approx. 440)

Standard locations of wall holes

3D040071



3 Dimensional drawings

3

FTK/XS60-71B

The mark (→) shows piping direction

	A	B
FTK/XS60-71-	64	
FTK/XS60-		127
FTK/XS71-		127

Gas pipe ϕ B Cut (The length of pipe outside the unit: about 340)
 Liquid pipe ϕ A Cut (The length of pipe outside the unit: about 390)
 Drain hose (connecting part I.D. ϕ 14.0, O.D. ϕ 18.0) (The hose length on the outside of the unit is approx. 440)

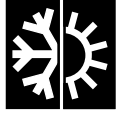
Infrared remote control
 FTX---: (ARC433A2133)
 FTK---: (ARC433A22)

Blade angle

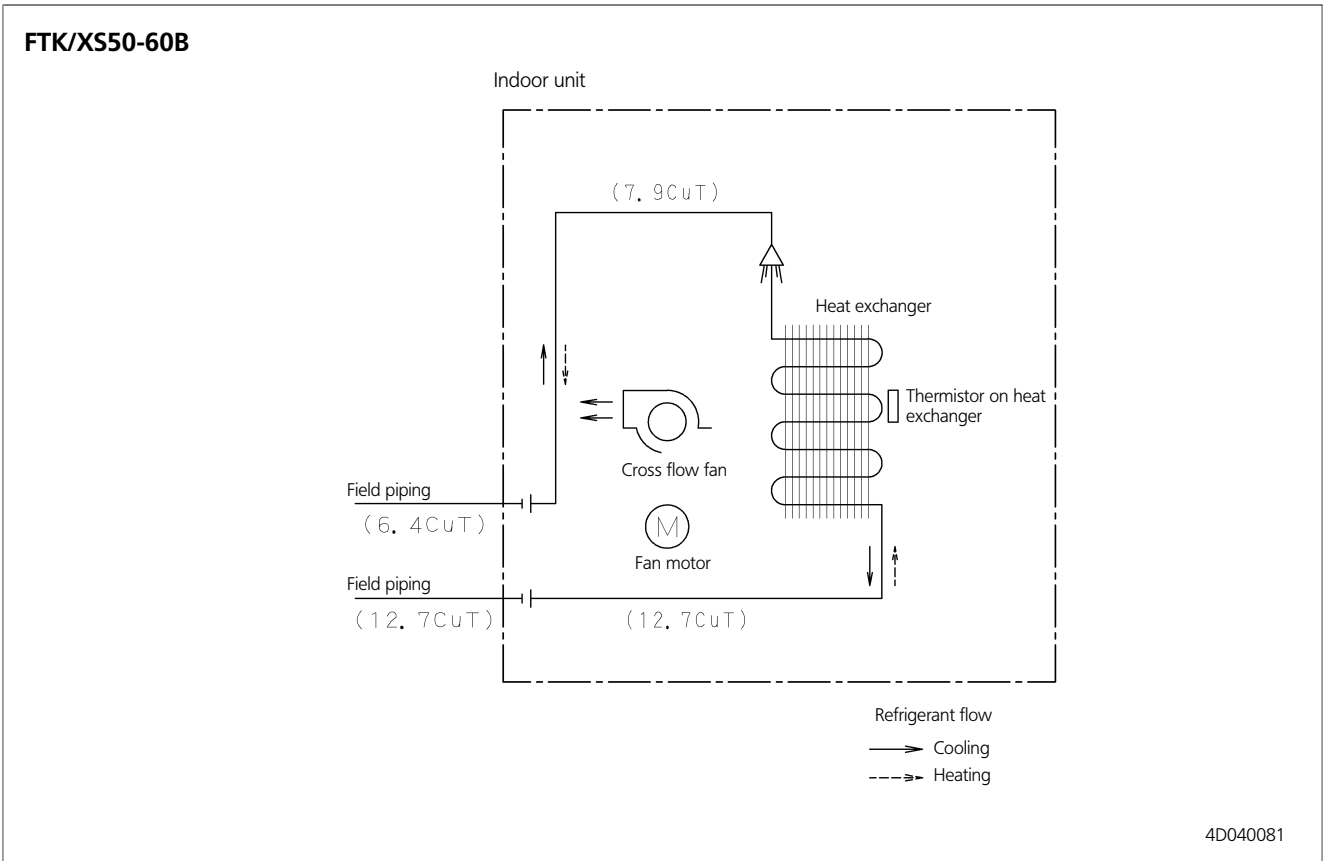
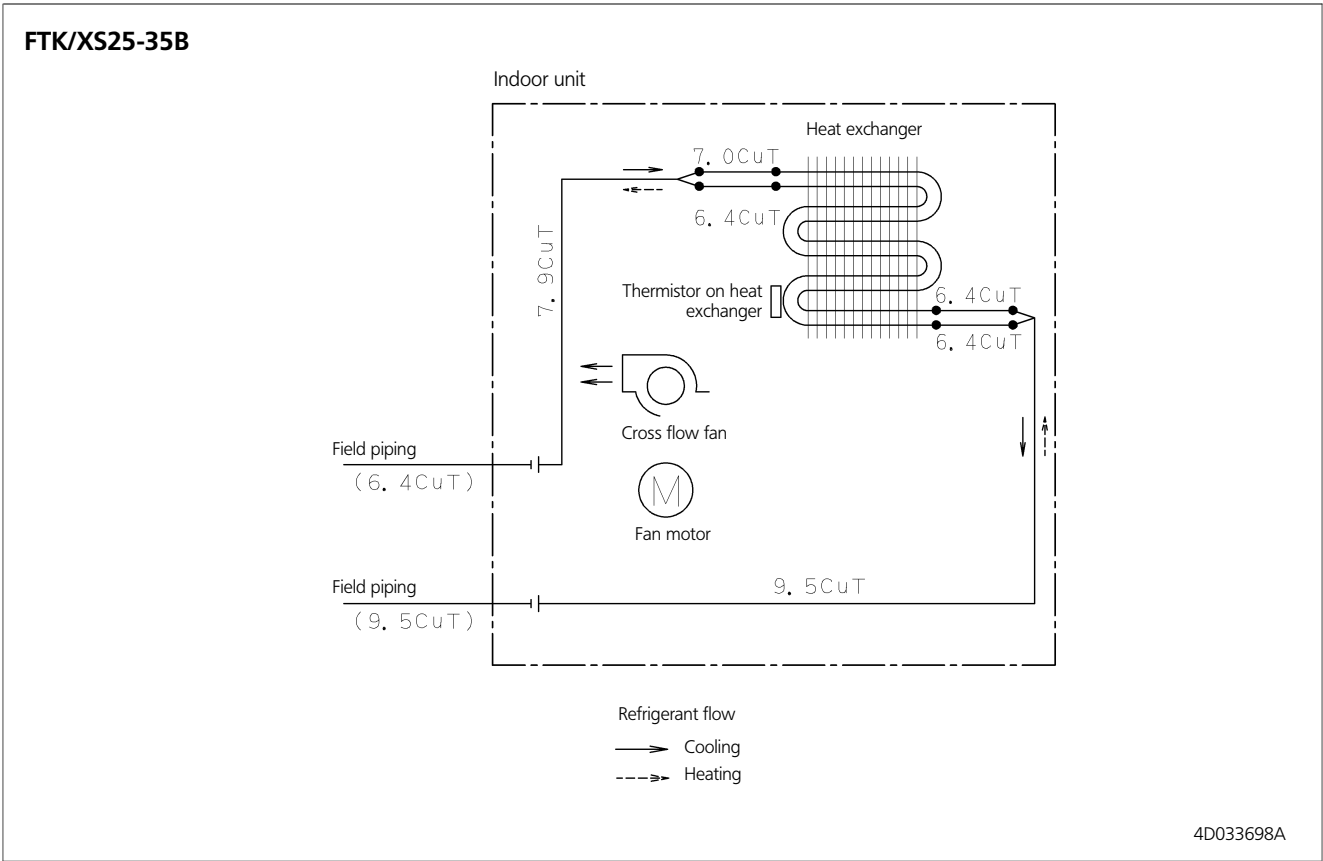
Horizontal blade (Automatic) Cooling: 10°, 40°, 10°, 40°
 Heating (FTX -- only): 15°, 55°, 15°, 55°
 Dry: 5°, 35°, 5°, 35°
 Vertical blade (Automatic): 55°, 55°, 50°, 150°

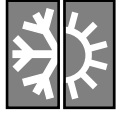
Standard locations of wall holes

3D040073A



4 Piping diagrams

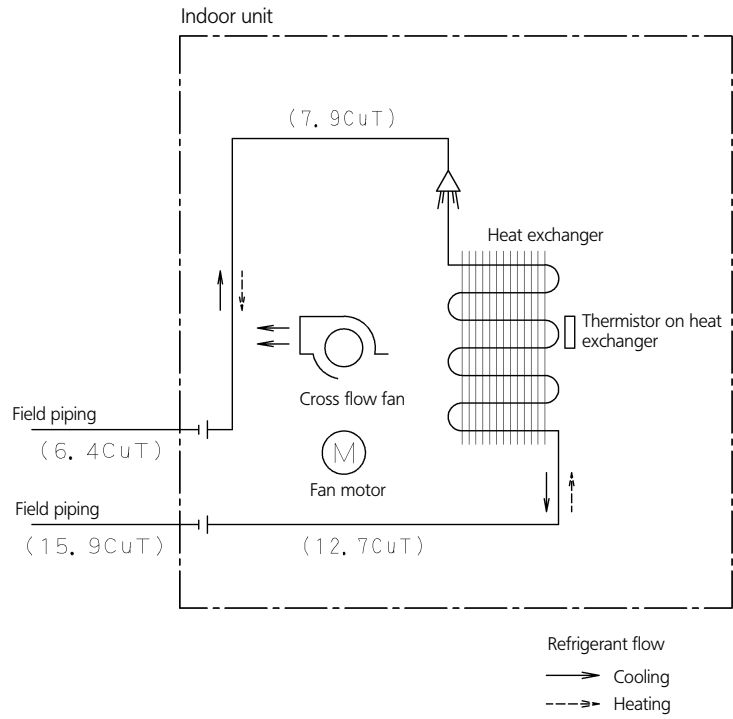




4 Piping diagrams

4

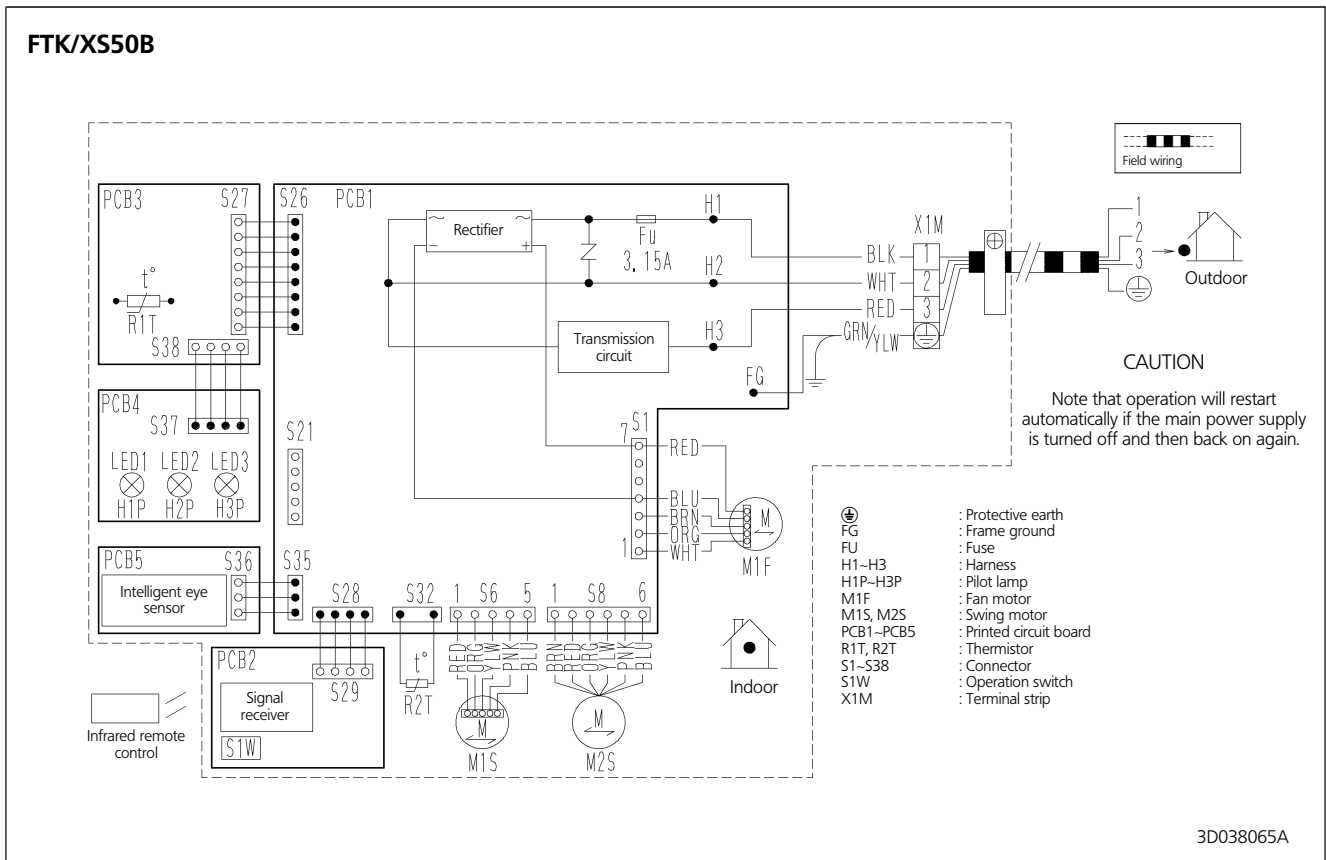
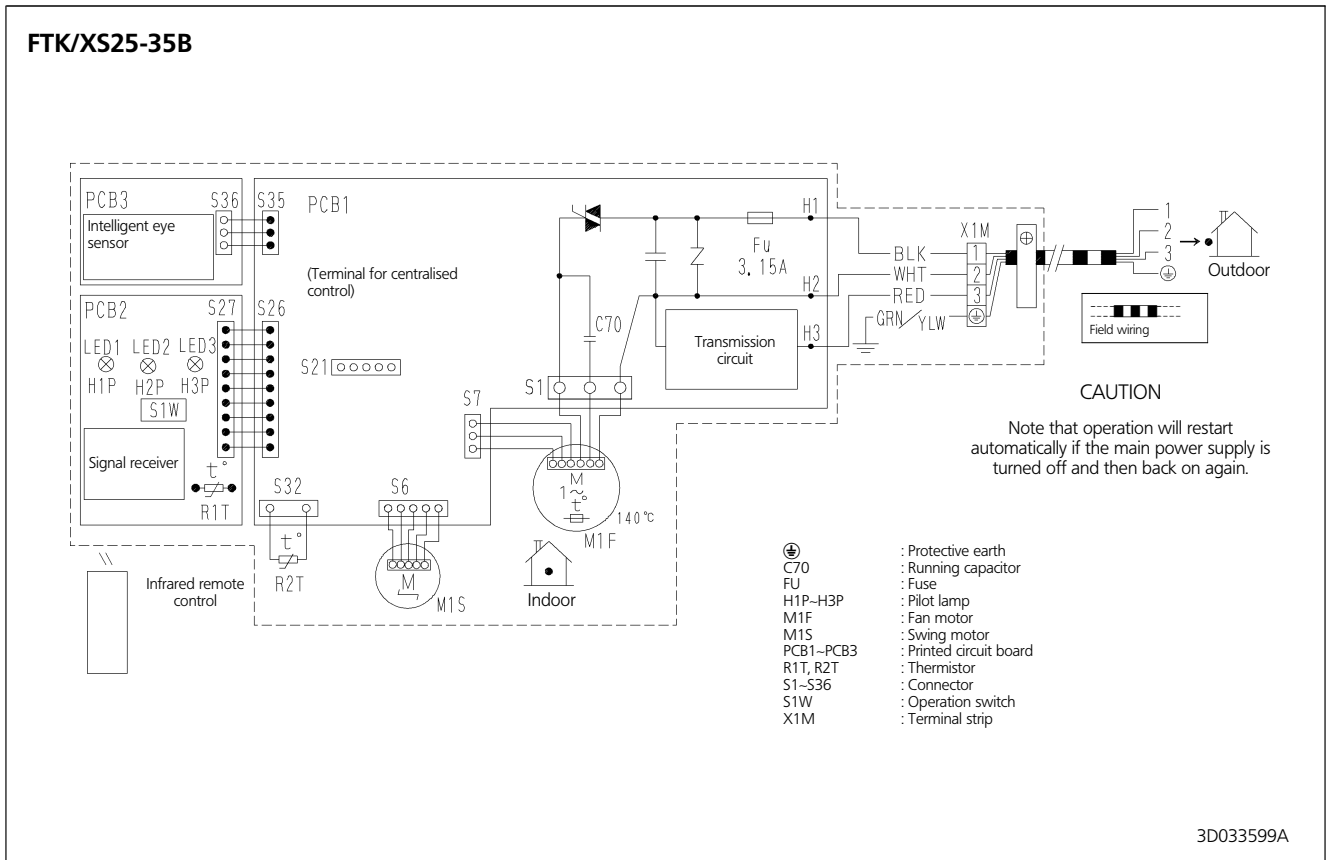
FTK/XS71B

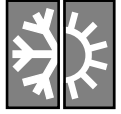


4D040082



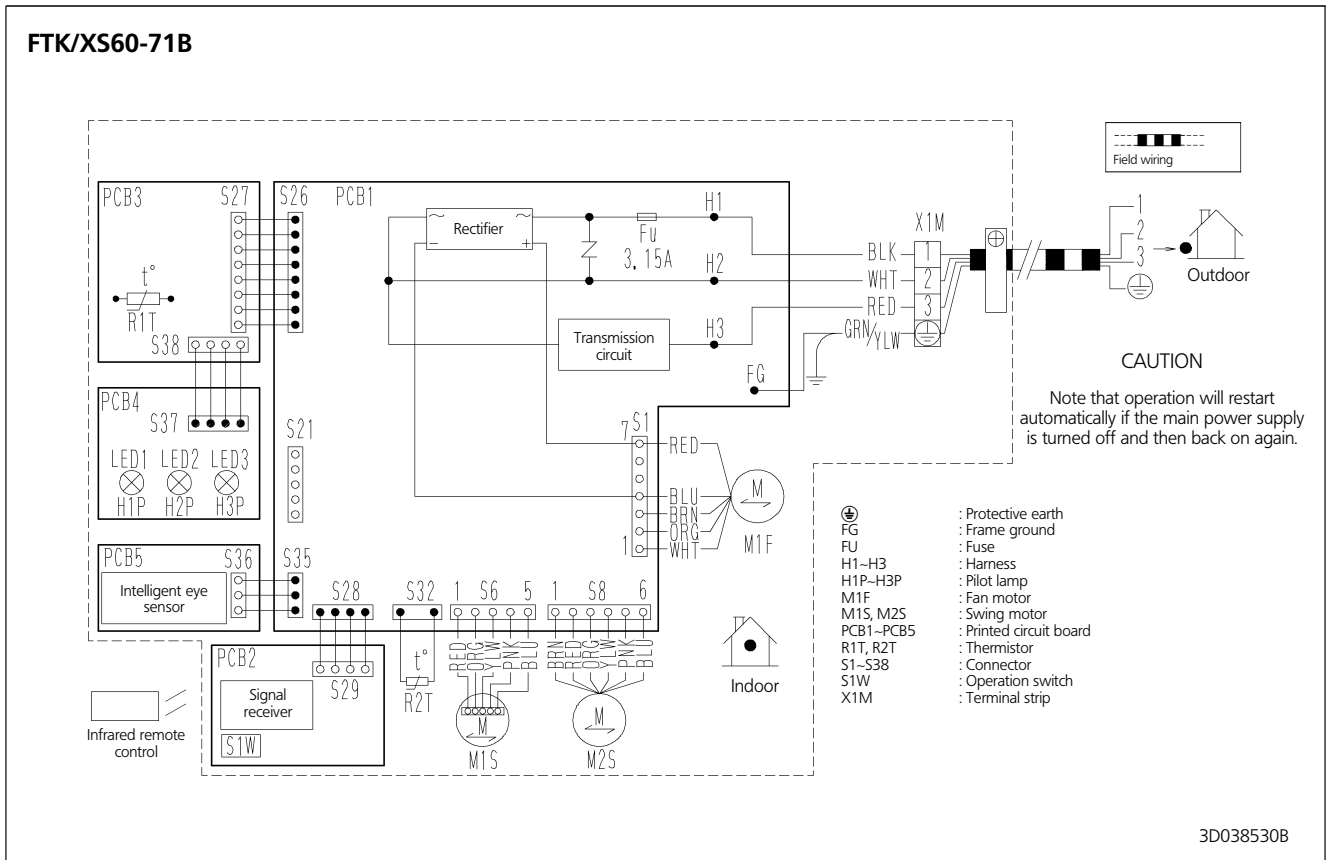
5 Wiring diagrams





5 Wiring diagrams

5

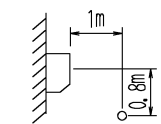




6 Sound level

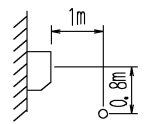
6-1 Sound level data

Cooling only

Model	Sound pressure level			Measuring location	Sound power level (Cooling)
	230V, 50Hz				
	Cooling				
	H	L	SL		
FTKS25B	38	25	22	Location of microphone 	54
FTKS35B	39	26	23		55
FTKS50B	44	35	32		63
FTKS60B	45	36	33		63
FTKS71B	46	37	34		63

6
6-1

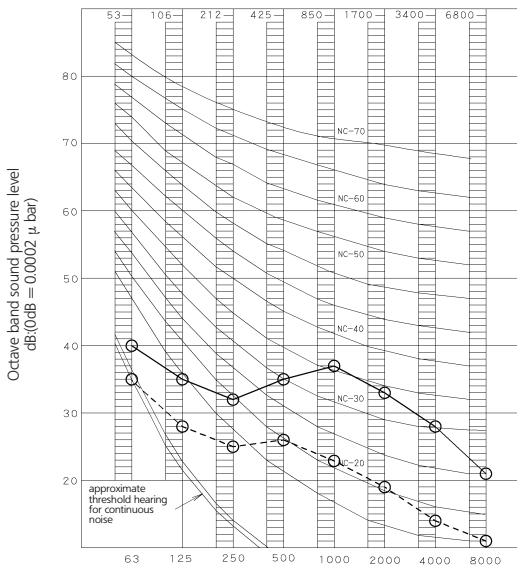
Heat pump

Model	Sound pressure level			Measuring location	Sound power level (Cooling/Heating)
	230V, 50Hz				
	Cooling/Heating				
	H	L	SL		
FTXS25B	38/38	25/28	22/25	Location of microphone 	54/*
FTXS35B	39/39	26/29	23/26		55/*
FTXS50B	44/42	35/33	32/30		63/60
FTXS60B	45/44	36/35	33/32		63/62
FTXS71B	46/46	37/37	34/34		63/63

6-2 Sound pressure spectrum

Cooling only

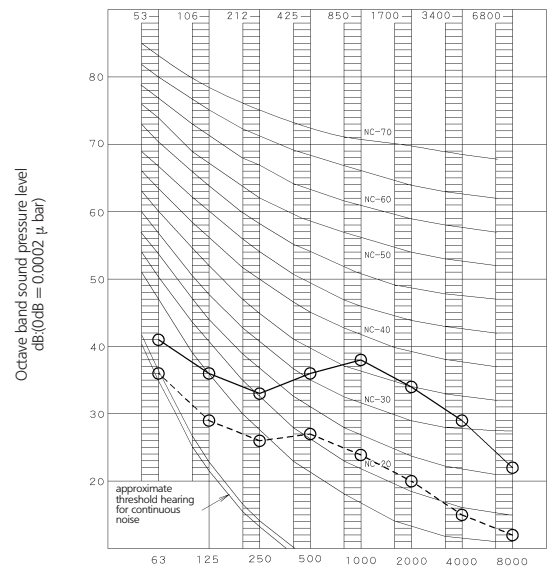
FTKS25B



4D035255A

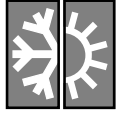
Octave band center frequency (Hz)

FTKS35B



4D035256A

Octave band center frequency (Hz)

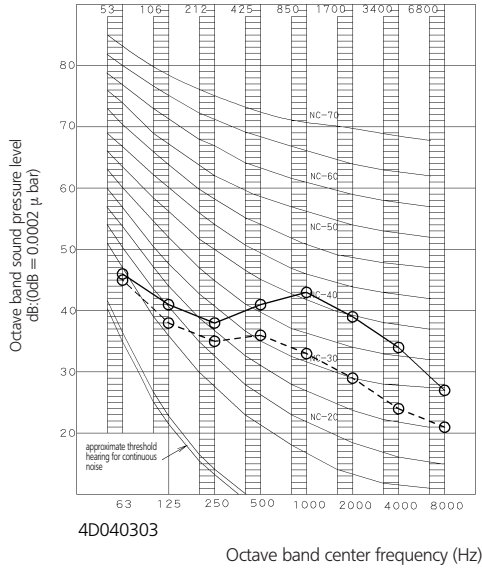


6 Sound level

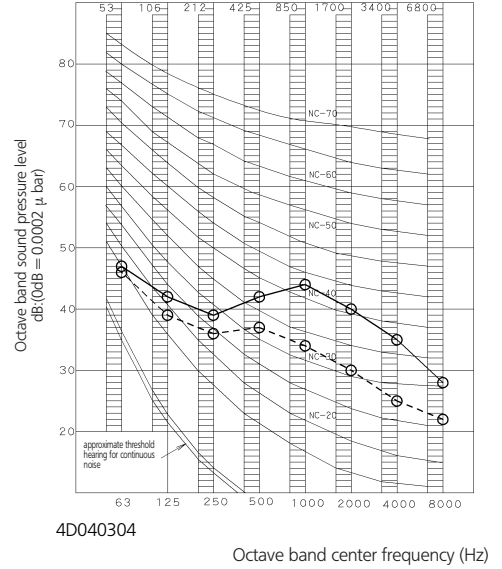
6-2 Sound pressure spectrum

6
6-2

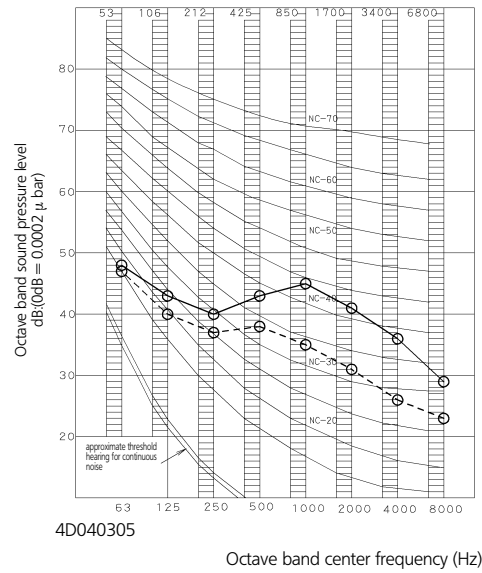
FTKS50B



FTKS60B



FTKS71B



NOTE

- 1 Operation noise differs with operation and ambient conditions.

Legend

- 50/60Hz 220-240/220-230V(H)
- -○ 50/60Hz 220-240/220-230V(L)

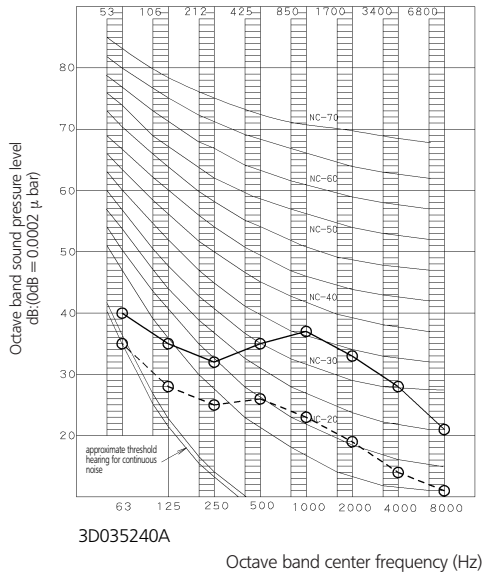


6 Sound level

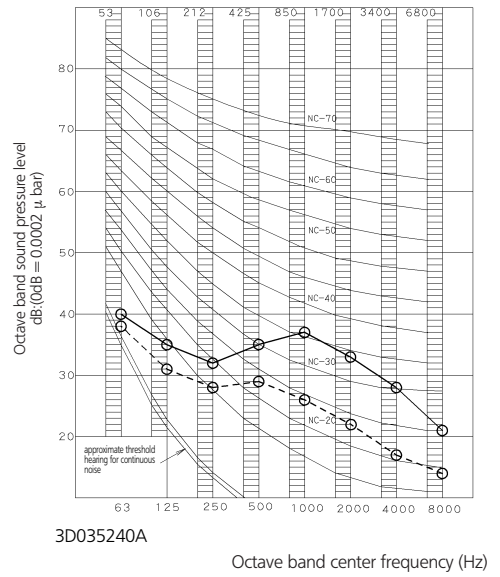
6-2 Sound pressure spectrum

Heat pump

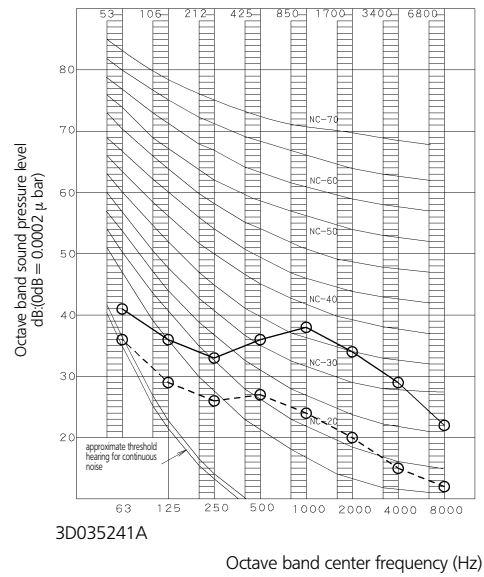
FTXS25B (Cooling)



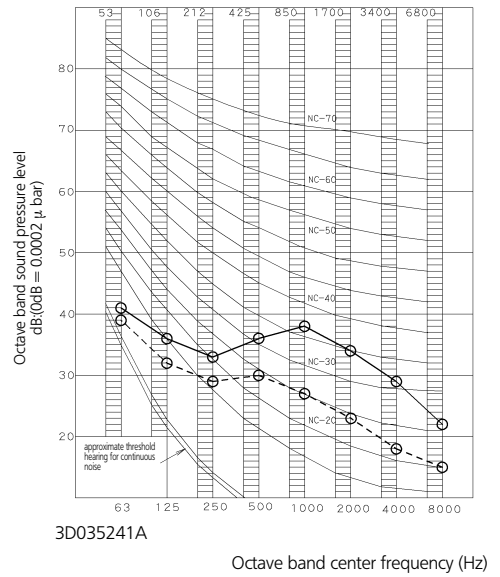
FTXS25B (Heating)



FTXS35B (Cooling)



FTXS35B (Heating)



NOTE

- 1 Operation noise differs with operation and ambient conditions.

Legend

- 50/60Hz 220-240/220-230V(H)
- - ○ 50/60Hz 220-240/220-230V(L)

6
6-2

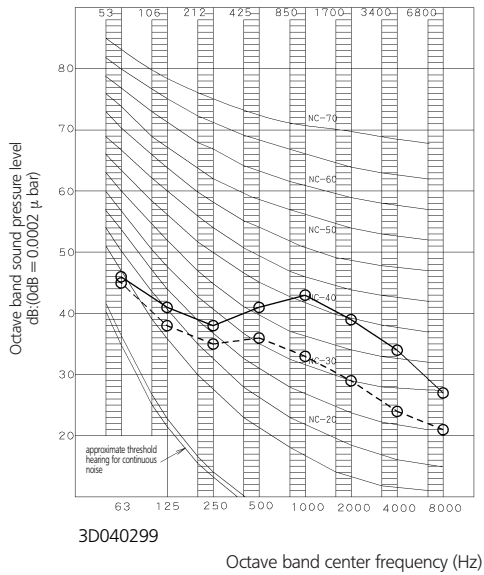


6 Sound level

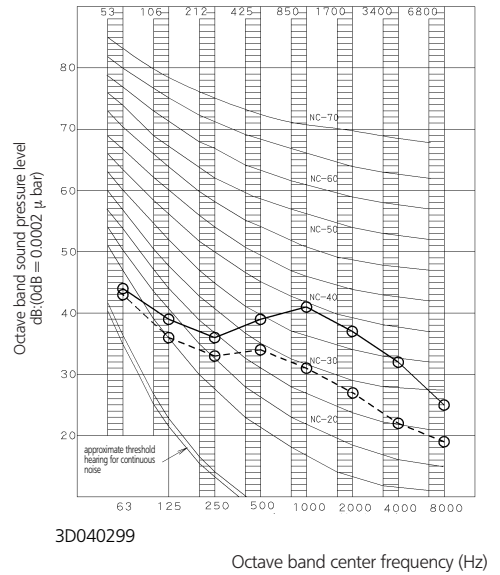
6-2 Sound pressure spectrum

6
6-2

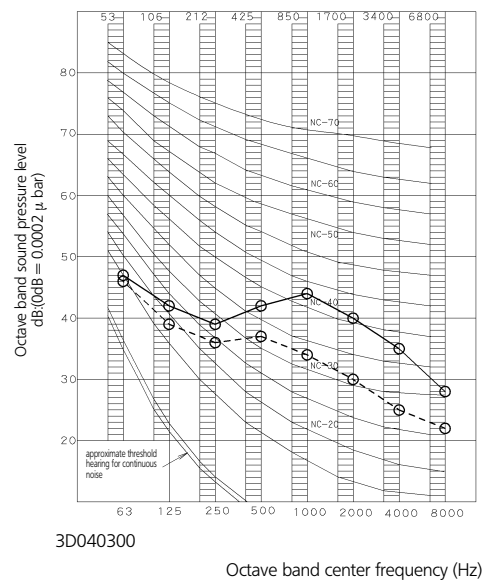
FTXS50B (Cooling)



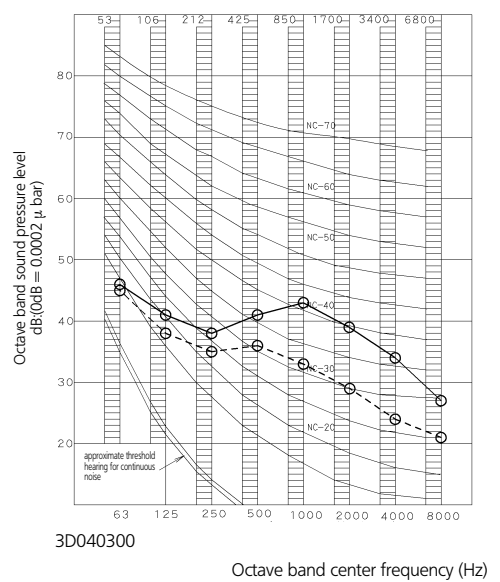
FTXS50B (Heating)



FTXS60B (Cooling)



FTXS60B (Heating)



NOTE

- 1 Operation noise differs with operation and ambient conditions.

Legend

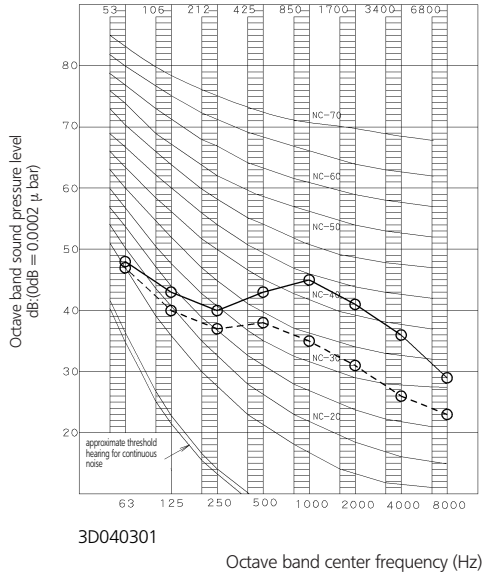
- 50/60Hz 220-240/220-230V(H)
- -○ 50/60Hz 220-240/220-230V(L)



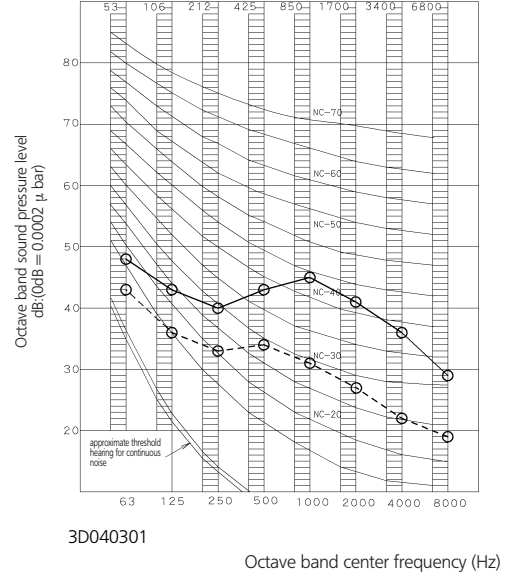
6 Sound level

6-2 Sound pressure spectrum

FTXS71B (Cooling)



FTXS71B (Heating)



6
6-2

NOTE

1 Operation noise differs with operation and ambient conditions.

Legend

- 50/60Hz 220-240/220-230V(H)
- -○ 50/60Hz 220-240/220-230V(L)



7 Accessories

7-1 Standard accessories

7
7-1

FTK/XS25-35B

Ⓐ Mounting plate	1	Ⓔ Remote control holder	1	Ⓚ Operation manual	1
Ⓒ Air purification filter Photocatalytic deodorizing filter	2	Ⓞ AAA dry-cell batteries	2	Ⓛ Installation manual	1
Ⓓ Infrared remote control	1	Ⓢ Indoor unit fixing screws M4x12L	2		

FTK/XS50-60-71B

Ⓐ Mounting plate	1	Ⓔ Remote control holder	1	Ⓚ Operation manual	2
Ⓑ Air purification filter with photocatalytic deodorising function	2	Ⓞ AAA dry-cell batteries	1	Ⓛ Installation manual	1
Ⓓ Infrared remote control	1	Ⓢ Indoor unit fixing screws M4x12L	2		

7-2 Optional accessories

FTK/XS-B

Option name	25	35	50	60	71
Wiring adapter for time clock / remote control (1)	Normal open contact		KRP413A1S		
	Normal open pulse contact		KRP413A1S		
Centralised control board	1 up to 5 rooms (2)		KRC72		
Central remote control			DCS302B51		
Unified ON/OFF control			DCS301B51		
Schedule timer			DCT301B51		
Interface adapter (3)			KRP928A2S		
Photocatalytic deodorising filter, with frame	KAZ926B41		—		
Photocatalytic deodorizing filter, without frame	KAZ926A42		—		
Combined air purification filter + photocatalytic deodorising filter			KAF952A42		
Air purification filter with frame	KAZ926B41		—		
Air purification filter without frame	KAF926B42		—		
Anti-theft protection for remote control			KKF910A4		

(1) Wiring adapter is also required for each indoor unit.

(2) Wiring adapter supplied by Daikin. Time clock and other devices: field supply.

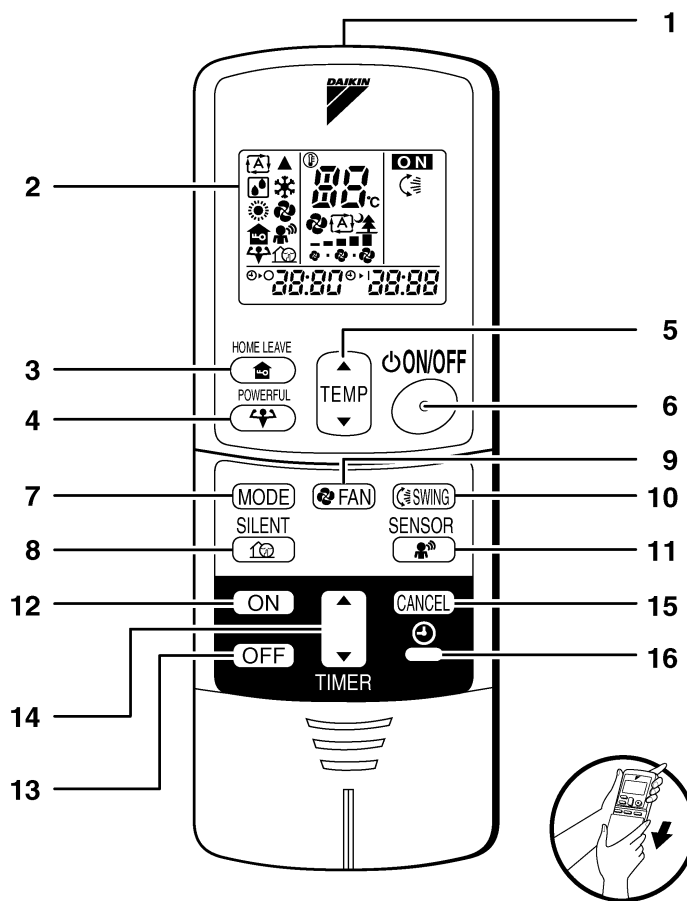
(3) KAZ926B41 is including a photocatalytic deodorizing filter (KAZ926A42), an air purification filter (KAF926B42) and frame.



8 Control systems

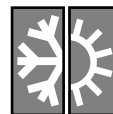
8-1 Infrared remote control

FTK/XS25-35B



<ARC433A1, A2>

- | | |
|--|--|
| <p>1 Signal transmitter:
• It sends signals to the indoor unit.</p> <p>2 Display:
• It displays the current settings. (In this illustration, each section is shown with all its displays ON for the purpose of explanation.)</p> <p>3 HOME LEAVE button:
for HOME LEAVE operation</p> <p>4 POWERFUL button:
for POWERFUL operation</p> <p>5 TEMPERATURE adjustment buttons:
• It changes the temperature setting</p> <p>6 ON/OFF button:
• Press this button once to start operation. Press once again to stop it.</p> <p>7 MODE selector button:
• It selects the operation mode
(Auto / Dry / Cool / Heat / Fan)</p> | <p>8 OUTDOOR UNIT SILENT button:
SILENT operation</p> <p>9 FAN setting button:
• It selects the air flow rate setting.</p> <p>10 SWING button</p> <p>11 SENSOR button: for INTELLIGENT EYE
Operation</p> <p>12 ON TIMER button</p> <p>13 OFF TIMER button</p> <p>14 TIMER setting button:
• It changes the time setting</p> <p>15 TIMER CANCEL button:
It cancels the timer setting.</p> <p>16 CLOCK button</p> |
|--|--|

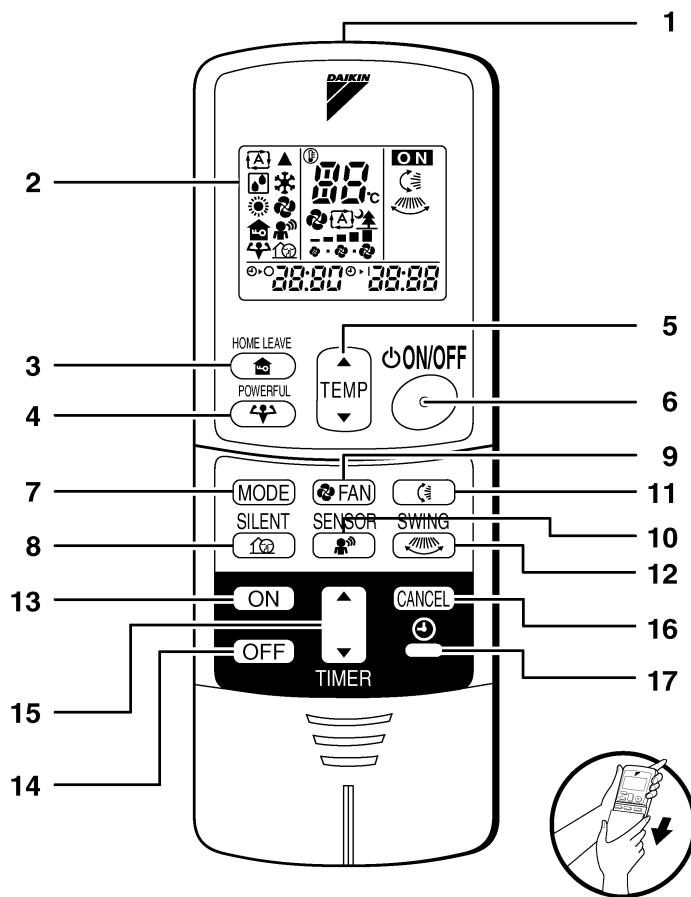


8 Control systems

8-1 Infrared remote control

FTK/XS50-60-71B

8
8-1



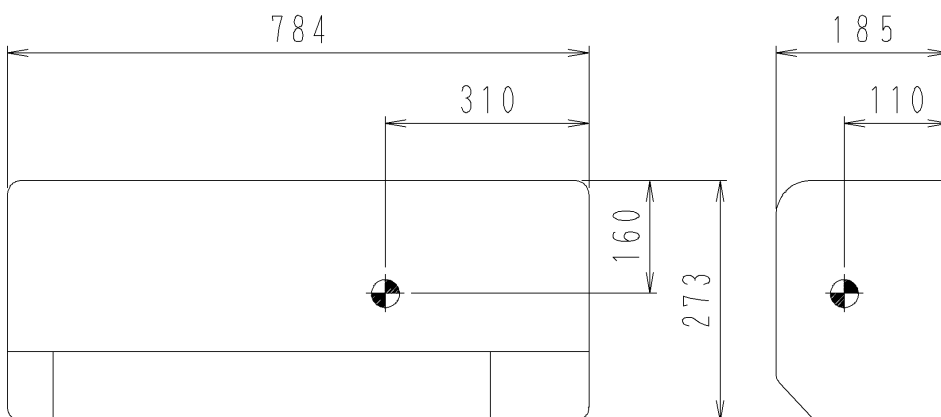
<ARC433A21, A22>

- | | |
|--|---|
| <p>1 Signal transmitter:
• It sends signals to the indoor unit.</p> <p>2 Display:
• It displays the current settings. (In this illustration, each section is shown with all its displays ON for the purpose of explanation.)</p> <p>3 HOME LEAVE button:
for HOME LEAVE operation</p> <p>4 POWERFUL button:
for POWERFUL operation</p> <p>5 TEMPERATURE adjustment buttons:
• It changes the temperature setting</p> <p>6 ON/OFF button:
• Press this button once to start operation. Press once again to stop it.</p> <p>7 MODE selector button:
• It selects the operation mode
(Auto / Dry / Cool / Heat / Fan)</p> | <p>8 OUTDOOR UNIT SILENT button:
SILENT operation</p> <p>9 FAN setting button:
• It selects the air flow rate setting.</p> <p>10 SENSOR button: for INTELLIGENT EYE
Operation</p> <p>11 SWING button
• Flap (horizontal blade)</p> <p>12 SWING button
• Louver (Vertical blades)</p> <p>13 ON TIMER button</p> <p>14 OFF TIMER button</p> <p>15 TIMER setting button:
• It changes the time setting</p> <p>16 TIMER CANCEL button:
It cancels the timer setting.</p> <p>17 CLOCK button</p> |
|--|---|



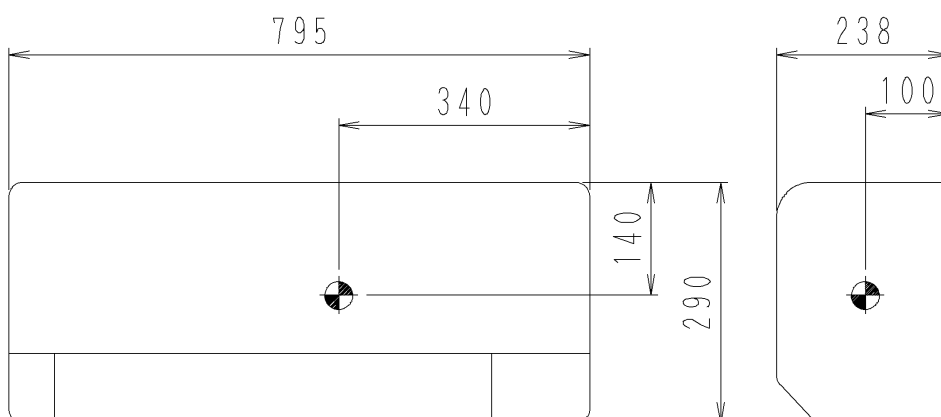
9 Center of gravity

FTK/XS25-35B



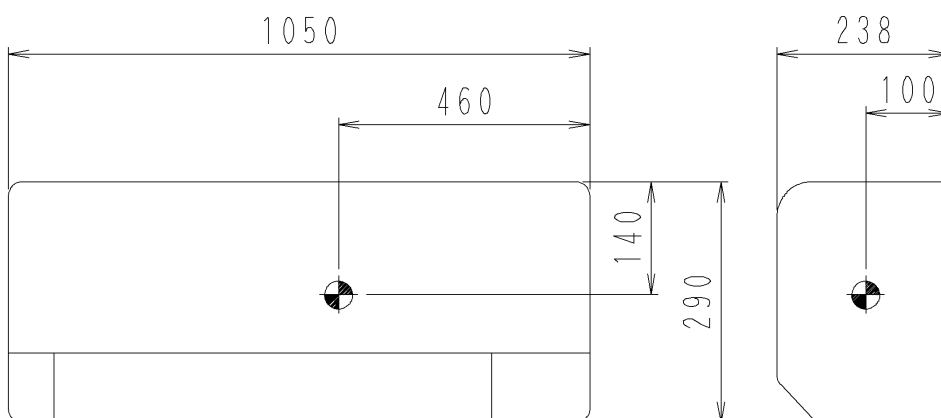
4D020686F

FTK/XS50B



4D040311

FTK/XS60-71B



4D040313



10 Installation

Indoor unit installation drawings

10

Mounting plate

M4 x 25L

Clip

■ How to attach the indoor unit.
Hook the claws of the bottom frame to the mounting plate. If the claws are difficult to hook, remove the front panel.

■ How to remove the indoor unit.
Push up the marked area (at the lower part of the front panel) to release the claws. If it is difficult to release, remove the front panel.

Mounting plate

Clip

Bottom frame

Mark (rear side)

The mounting plate should be installed on a wall which can support the weight of the indoor unit.

Front grille

30mm or more from ceiling

50 mm or more from walls (on both side)

Air filters

Caulk: pipe hole gap with putty.

Cut thermal insulation pipe to an appropriate length and wrap it with tape, making sure that no gap is left in the insulation pipe's cut line.

Appearance of the indoor unit may differ from some models.

Air filters

Service lid
This service lid is an open/close type.

- Remove the screws on the service lid.
- Slide the service lid leftward.
- Rotate the service lid upward.

Turn the photocatalytic deodorizing filter (gray) so that it is facing up, then attach it by running it along the indoor unit's guide, push slightly on the grips, align the two claws with the guide holes, and insert the claws on the grips.

Two claws

(FTXS25/35, FTKS25/35)

Before screwing the remote control holder to the wall, make sure that control signals are properly received by indoor unit.

Infrared remote controller

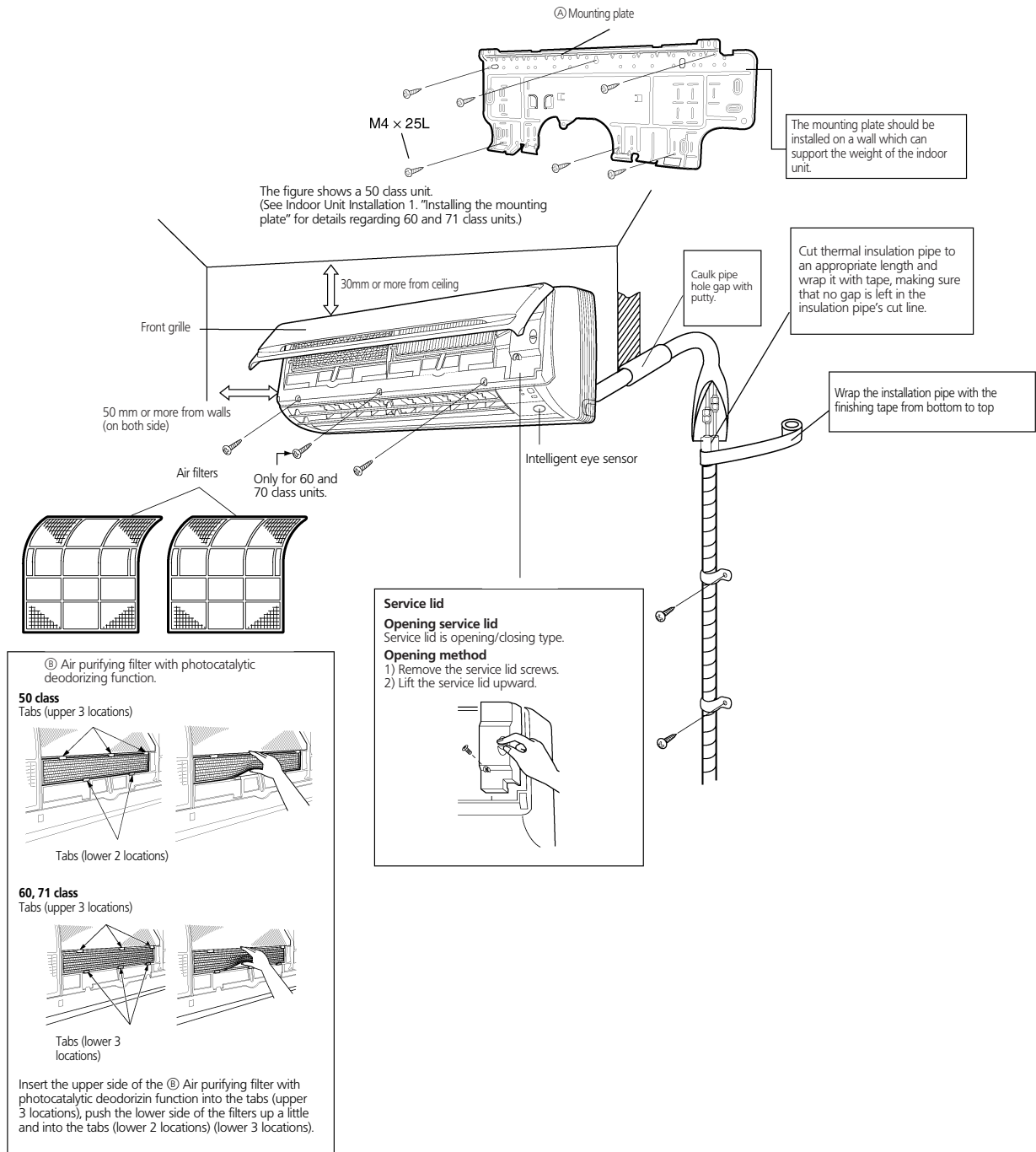
Remote control holder

(M3 x 20L)



10 Installation

Indoor unit installation drawings



Intelligent eye sensor

Caution

- 1) Do not hit or violently push the intelligent-eye sensor. This can lead to damage and malfunction.
- 2) Do not place large objects near the sensor. Also keep heating units or humidifiers outside the sensor's detection area.