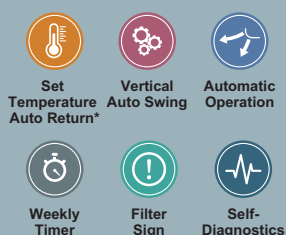


FDF

Indoor Unit Floor Standing



FDF 71/100/125/140



Remote control (option)

Wireless



RCN-KIT4-E2

*Not all functions available with all remote control options.

Wide and Powerful Air Flow

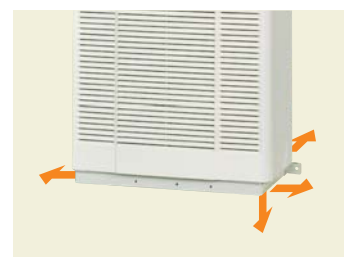


Easy Transportation and Installation Workability

Piping and drain hose connection can be selected out of 4-directions and the selection makes installation workability more effective. Due to slim design (Depth: 320mm), easy transportation and installation are realized.

Easy Maintenance

The surface of heat exchanger can be appeared only removing the front panel. Easy cleaning of heat exchanger is possible.



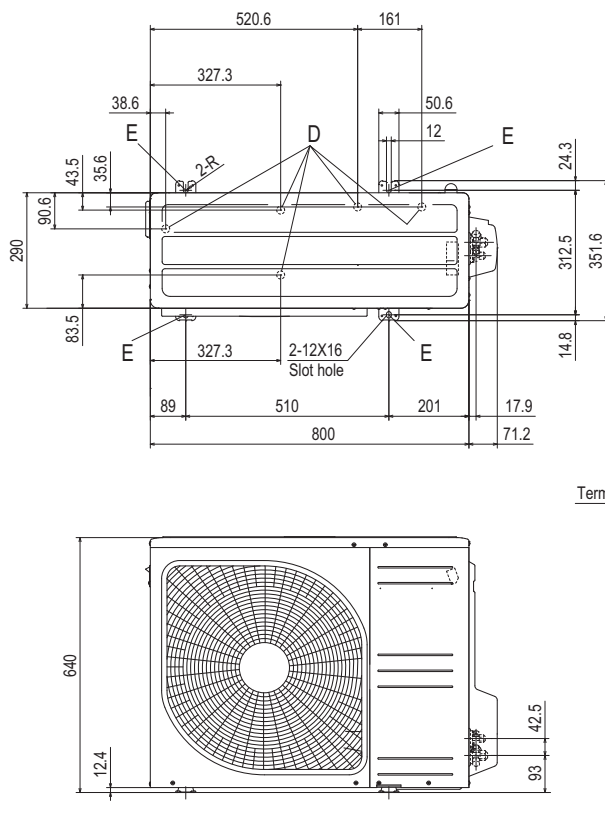
OUTDOOR UNIT

Hyper Inverter		
FDC	71VNX	100~140VN(S)X
model		
Chargeless	30m	
Height x Width x Depth (mm)	750 x 880(+88) x 340	1,300 x 970 x 370

Micro Inverter				Standard Inverter		
FDC	100~140VN(S)A	200VSA	250VSA	71VNP	90VNP1	100VNP
model						
Chargeless	30m			15m		
Height x Width x Depth (mm)	845 x 970 x 370	1,300 x 970 x 370	1,505 x 970 x 370	640 x 800(+71) x 290	750 x 880(+88) x 340	845 x 970 x 370

Outdoor Unit Dimensions (Unit:mm)

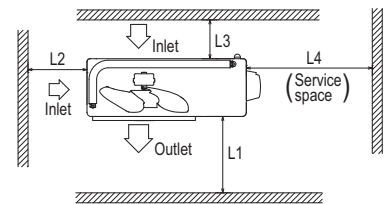
SRC40ZSX-W1, 50ZSX-W1, 60ZSX-W1 SRC40ZSX-S, 50ZSX-S, 60ZSX-S



Symbol	Content	
A	Service valve connection (Gas side)	φ 12.7(1/2") (Flare)
B	Service valve connection (Liquid side)	φ 6.35(1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ 20×5 places
E	Anchor bolt hole	M10-12×4 places

Notes

- (1) The unit must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air from the outlet gets perpendicular to the wind direction.
- (4) Leave 200mm or more space above the unit.
- (5) The wall height on the outlet side should be 1200mm or less.
- (6) The model name label is attached on the front side of the unit.



Minimum installation space

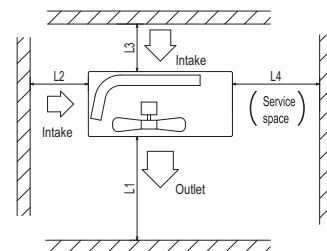
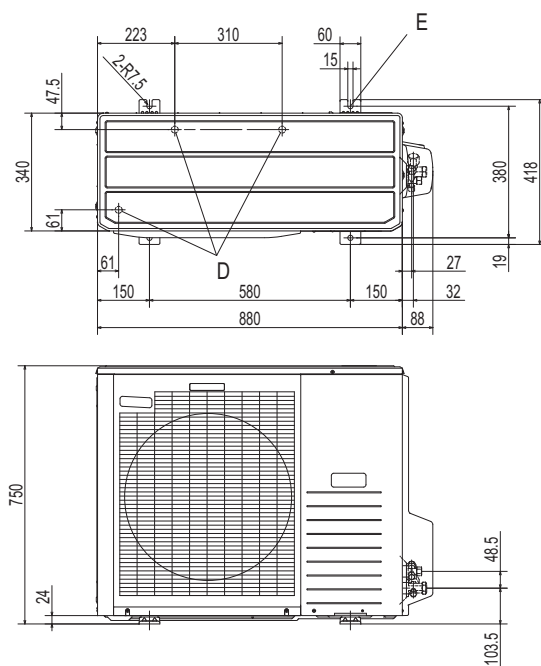
Examples installation	I	II	III	IV
Size				
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open

FDC71VNX

Symbol	Content	
A	Service valve connection (gas side)	φ 15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	φ 9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ 20 × 3places
E	Anchor bolt hole	M10 × 4places

Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The model name label is attached on the lower right corner of the front panel.

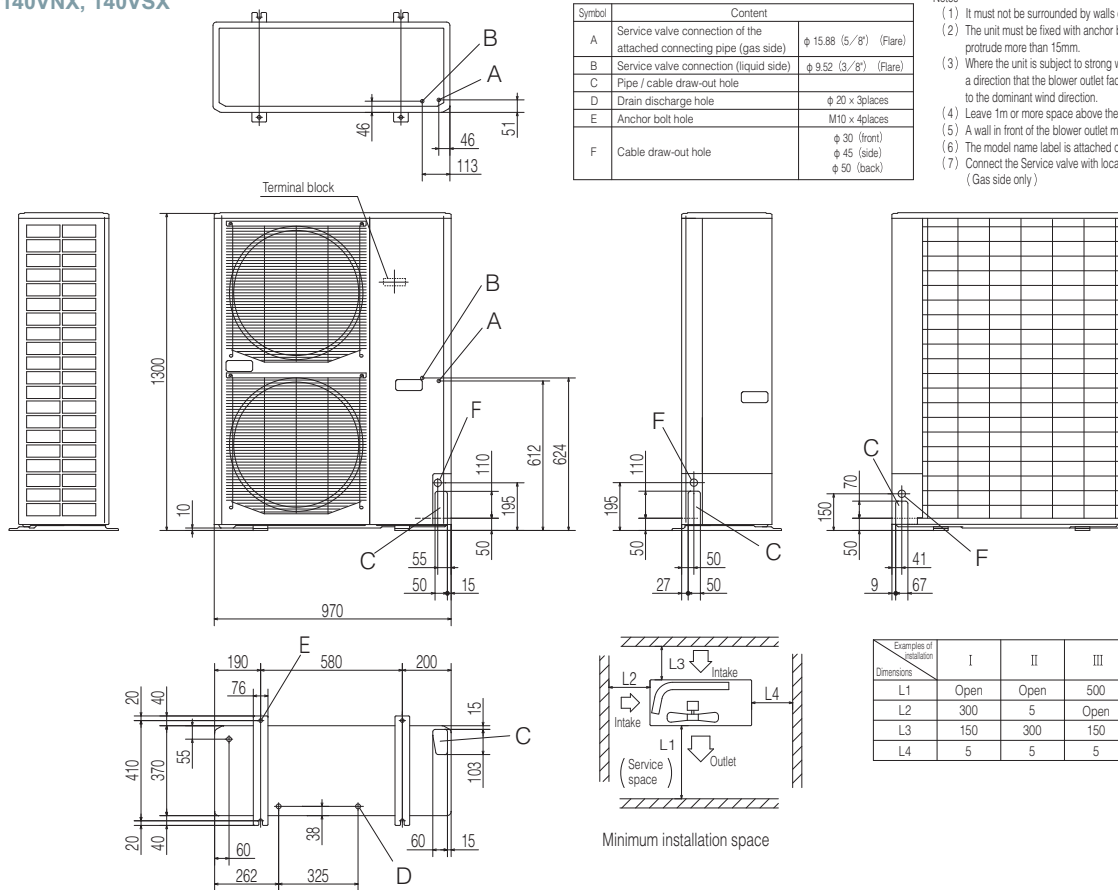


Minimum installation space

Examples of installation	I	II	III
Dimensions			
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

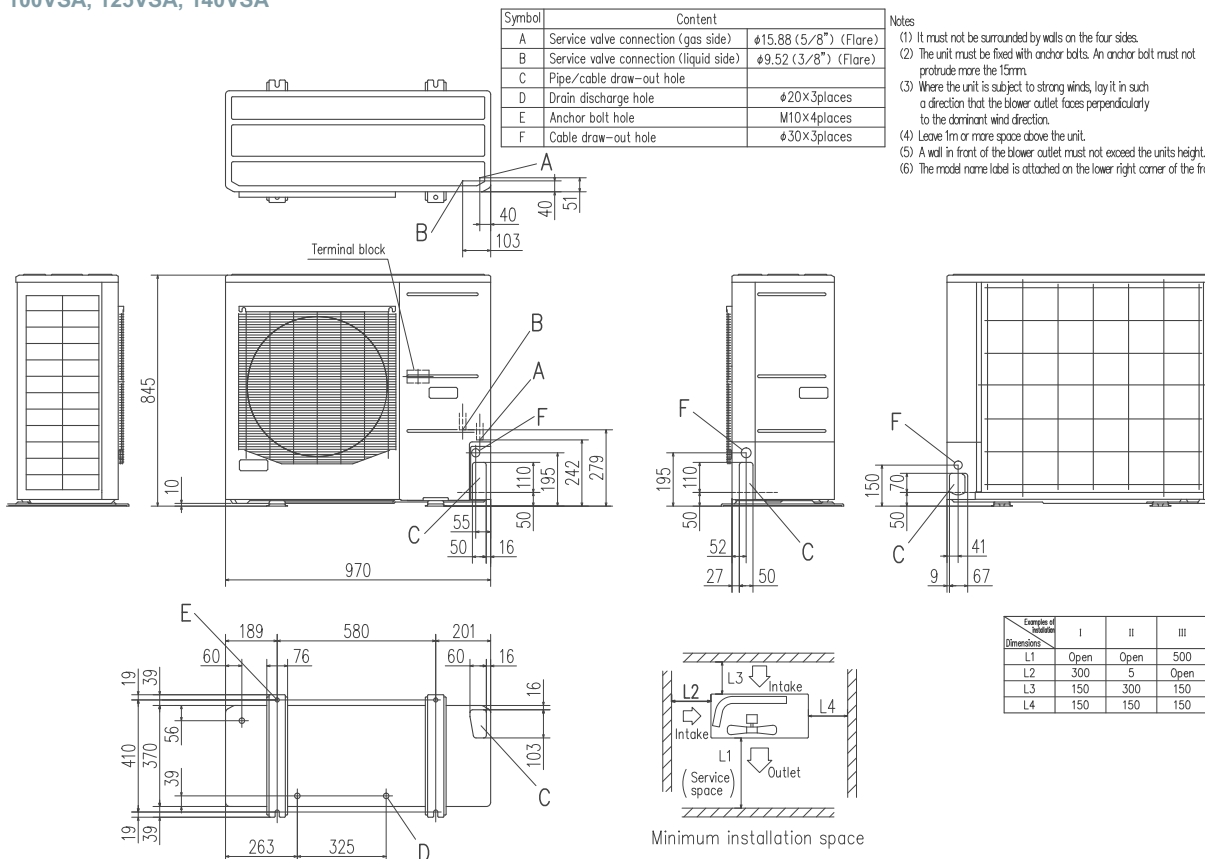
Outdoor Unit Dimensions (Unit:mm)

FDC100VNX, 100VSX, 125VNX, 125VSX,
140VNX, 140VSX



- Notes
- (1) It must not be surrounded by walls on the four sides.
 - (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
 - (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
 - (4) Leave 1m or more space above the unit.
 - (5) A wall in front of the blower outlet must not exceed the units height.
 - (6) The model name label is attached on the lower right corner of the front panel.
 - (7) Connect the Service valve with local pipe by using the pipe of the attachment. (Gas side only)

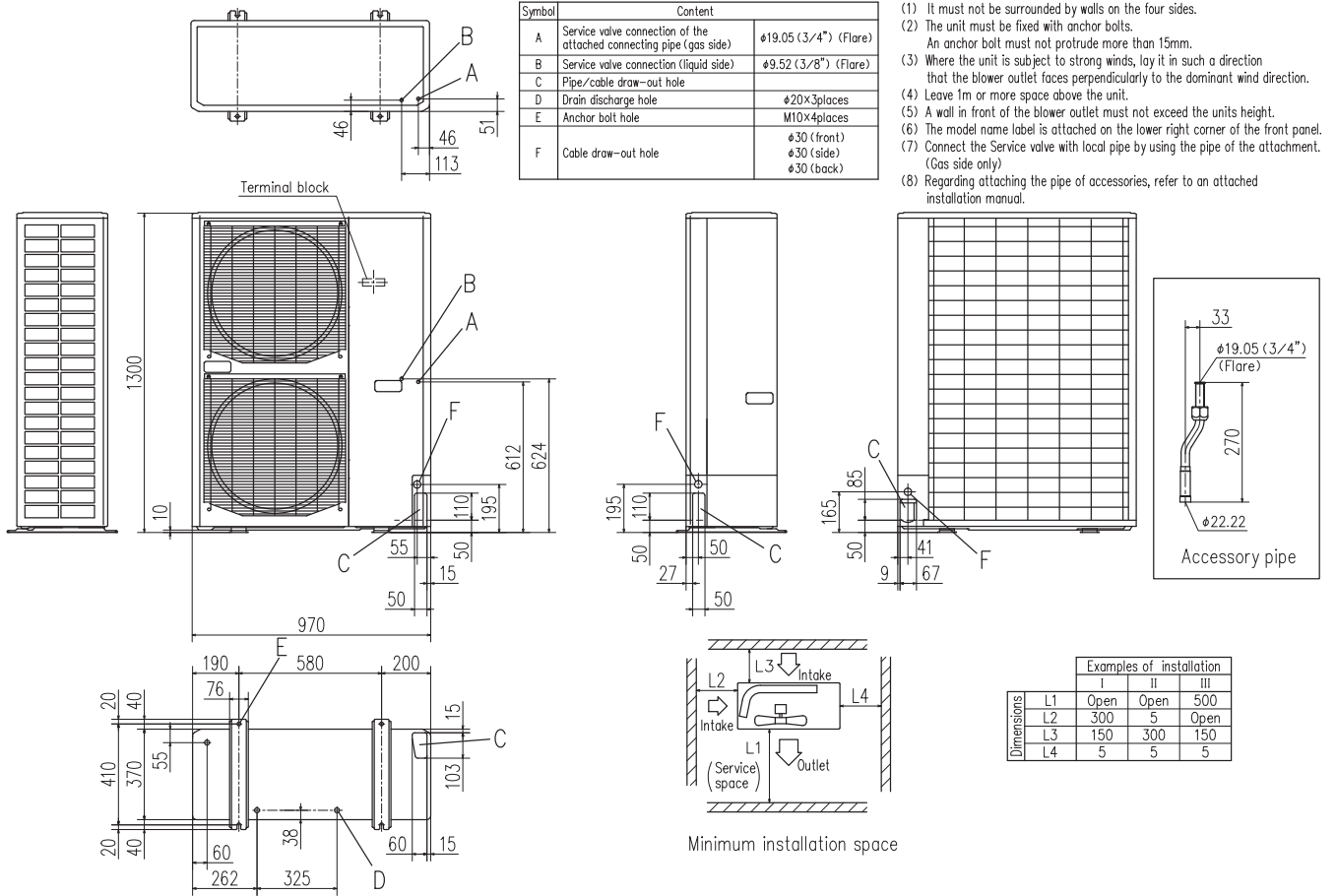
FDC100VNA, 125VNA, 140VNA
100VSA, 125VSA, 140VSA



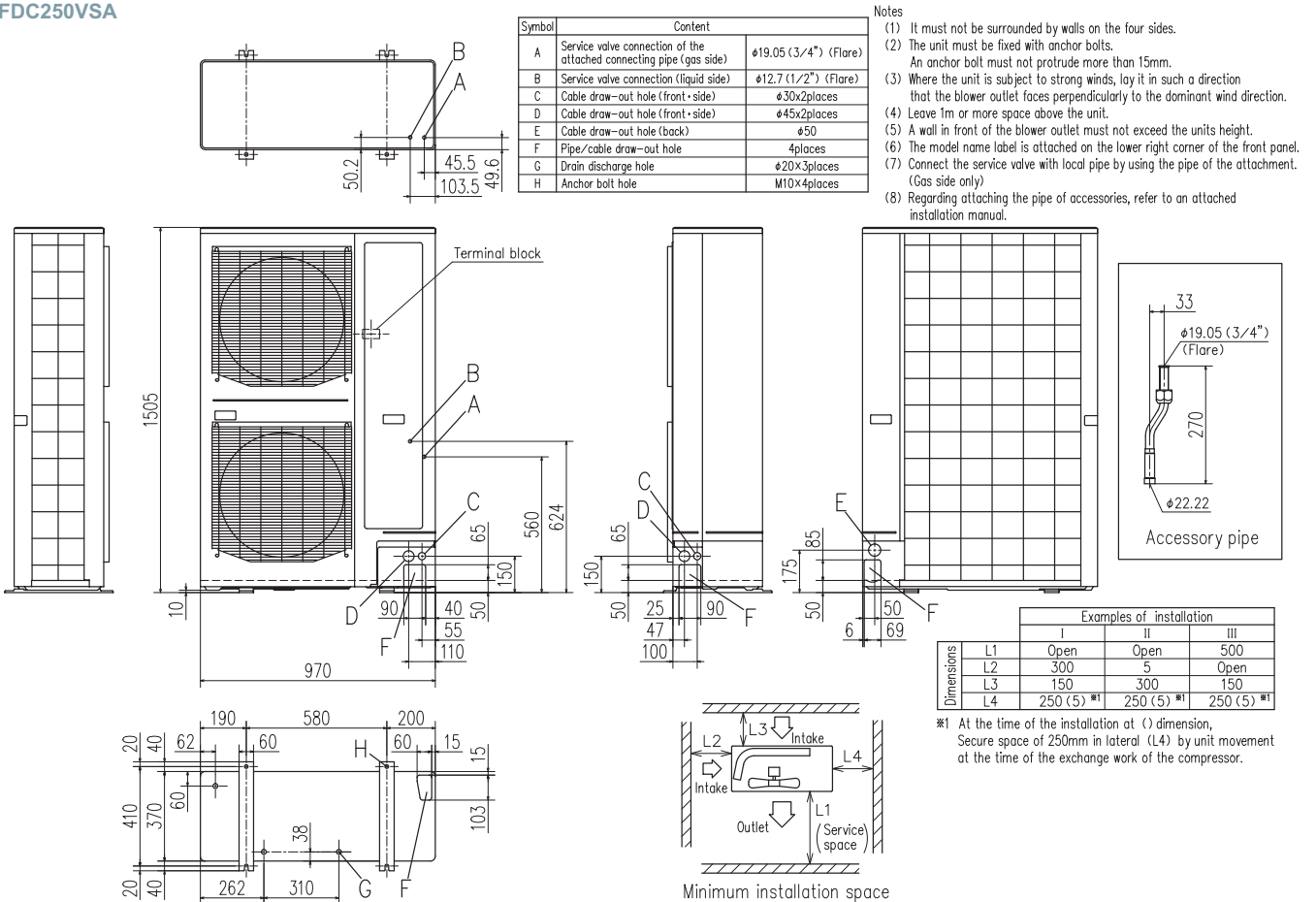
- Notes
- (1) It must not be surrounded by walls on the four sides.
 - (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
 - (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
 - (4) Leave 1m or more space above the unit.
 - (5) A wall in front of the blower outlet must not exceed the units height.
 - (6) The model name label is attached on the lower right corner of the front panel.

Outdoor Unit Dimensions (Unit:mm)

FDC200VSA

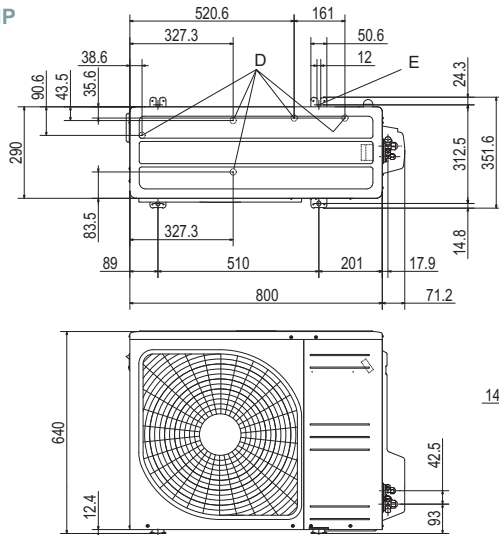


FDC250VSA



Outdoor Unit Dimensions (Unit:mm)

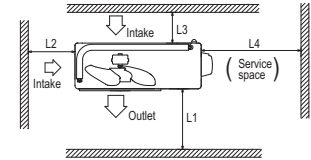
FDC71VNP



Symbol	Content
A	Service valve connection (gas side) $\phi 12.7 (1/2")$ (Flare)
B	Service valve connection (liquid side) $\phi 6.35 (1/4")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 5$ places
E	Anchor bolt hole M10 $\times$ 4 places

Notes

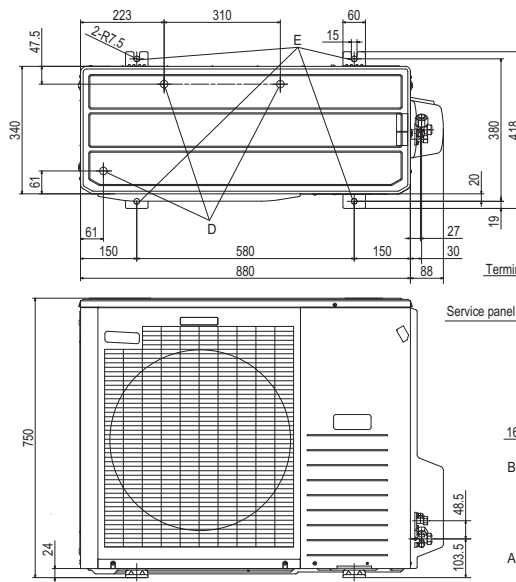
- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the lower right corner of the front panel.



Minimum installation space

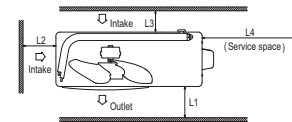
Examples of installation Dimensions	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open

FDC90VNP1



Notes

- (1) It must not be surrounded by walls on four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subjected to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the lower right corner of the front panel.

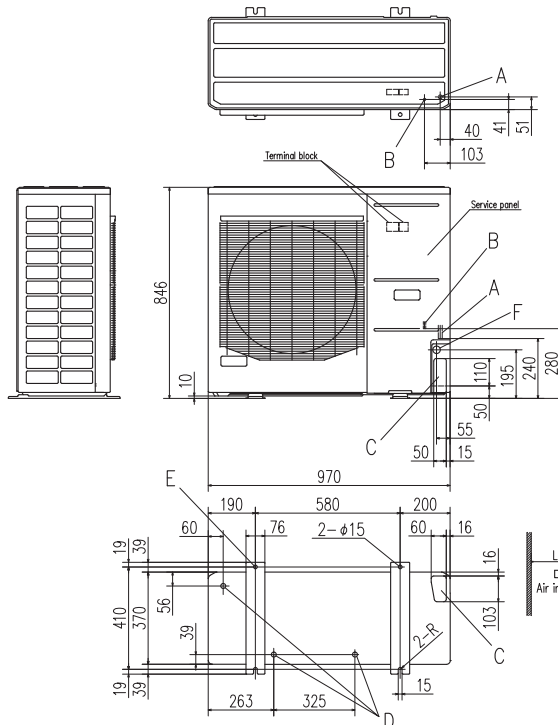


Minimum installation space

Examples of installation Dimensions	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

Symbol	Content
A	Service valve connection (gas side) $\phi 15.88 (5/8")$ (Flare)
B	Service valve connection (liquid side) $\phi 9.52 (3/8")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole M10 $\times$ 4 places

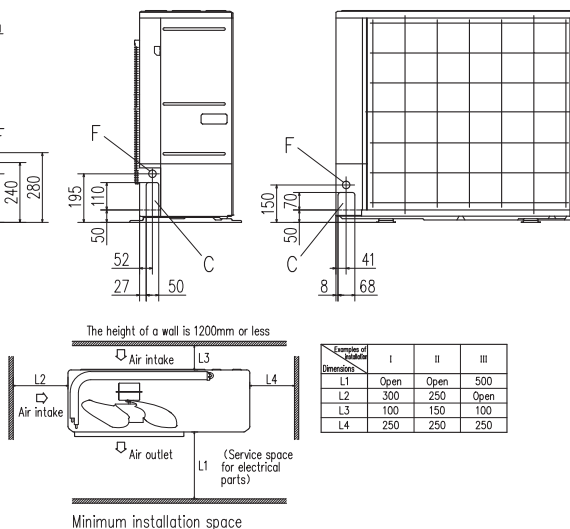
FDC100VNP



Symbol	Content
A	Service valve connection (gas side) $\phi 15.88 (5/8")$ (Flare)
B	Service valve connection (liquid side) $\phi 9.52 (3/8")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole M10 $\times$ 4 places
F	Cable draw-out hole $\phi 30 \times 3$ places

Notes

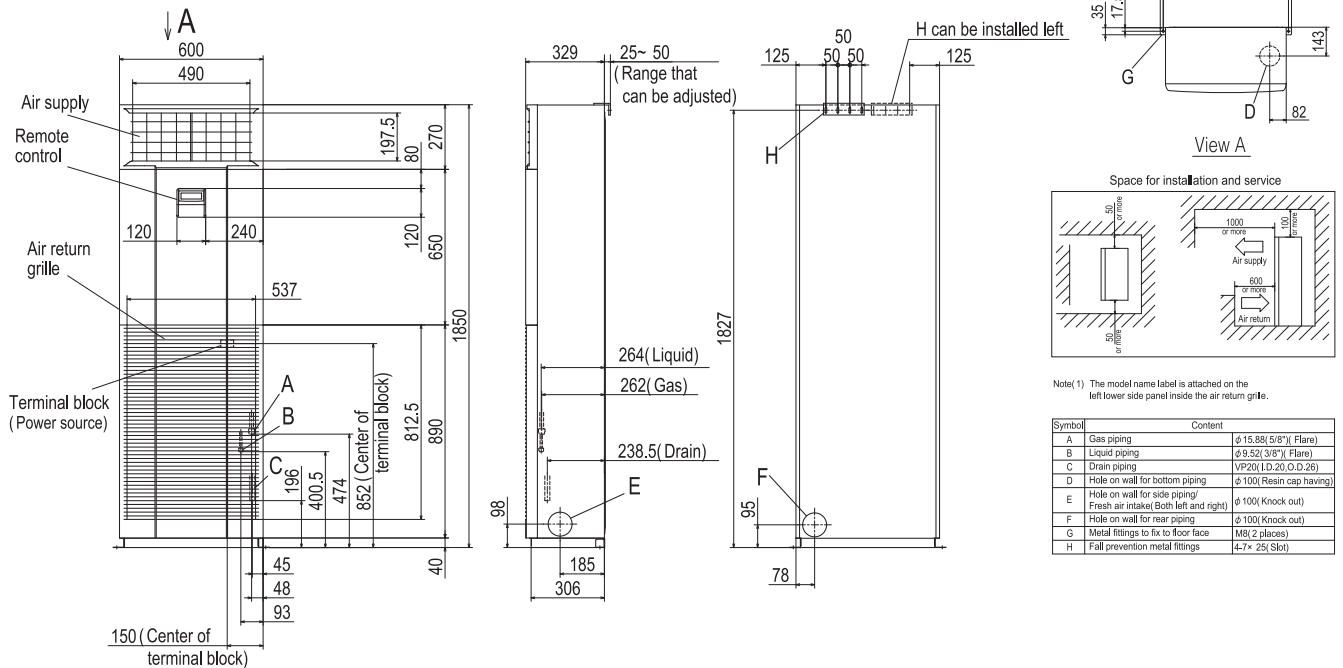
- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet face is perpendicular to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the service panel.



Minimum installation space

Examples of installation Dimensions	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

DIMENSIONS (Unit:mm) - FDF -



SPECIFICATIONS - FDF -

R410A			Hyper Inverter				
Set model name			FDF71VNXXVD1	FDF100VNXXVD2	FDF125VNXXVD	FDF140VNXXVD	
Indoor unit			FDF71VD1	FDF100VD2	FDF125VD	FDF140VD	
Outdoor unit			FDC71VNX	FDC100VNX	FDC125VNX	FDC140VNX	
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz				
Nominal cooling capacity (Min-Max)			kW 7.1 (3.2 ~ 8.0)	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	14.0 (5.0 ~ 16.0)	
Nominal heating capacity (Min-Max)			kW 8.0 (3.6 ~ 9.0)	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 17.0)	16.0 (4.0 ~ 18.0)	
Power consumption	Cooling/Heating	kW	2.21 / 2.21	2.83 / 3.04	3.89 / 3.88	4.65 / 4.69	
EER/COP	Cooling/Heating		3.21 / 3.62	3.53 / 3.68	3.21 / 3.61	3.01 / 3.41	
Inrush current		A	5	5	5	5	
Max. current			17	24	26	26	
Sound power level*1	Indoor	Cooling/Heating	dB(A)	61 / 61	65 / 65	73 / 73	73 / 73
	Outdoor	Cooling/Heating		66 / 66	70 / 70	70 / 70	72 / 72
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)		42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
		Heating (P-Hi/Hi/Me/Lo)		42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
	Outdoor	Cooling/Heating		51 / 48	48 / 50	48 / 50	49 / 52
Air flow	Indoor	Cooling (P-Hi/Hi/Me/Lo)	m³/min	20 / 18 / 16 / 14	29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19
		Heating (P-Hi/Hi/Me/Lo)		20 / 18 / 16 / 14	29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19
	Outdoor	Cooling/Heating		60 / 50	100 / 100	100 / 100	100 / 100
Exterior dimensions	Indoor Outdoor	HeightxWidthxDepth	mm	1,850 x 600 x 320			
				750 x 880(+88) x 340	1,300 x 970 x 370		
Net weight	Indoor Outdoor		kg	49	52		
				60	105		
Ref.piping size	Liquid/Gas		ømm	9.52(3/8") / 15.88(5/8")			
Refrigerant line (one way) length			m	Max.50	Max.100		
Vertical height differences			Outdoor is higher/lower	m	Max.30 / Max.15		
Outdoor operating temperature range	Cooling	°C	-15~43*2				
	Heating		-20~20				
Air filter, Q'ty				Plastic net x 1(washable)			
Remote control				wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)			

NOTES:

The data are measured under the following conditions(ISO-T1).

Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. Heating operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

SPECIFICATIONS - FDF -

R410A				HyperInverter							
Set model name				FDF100VSXVD2		FDF125VSXVD		FDF140VSXVD			
Indoor unit				FDF100VD2		FDF125VD		FDF140VD			
Outdoor unit				FDC100VSX		FDC125VSX		FDC140VSX			
Power source				3 Phase 380-415V, 50Hz / 380V, 60Hz							
Nominal cooling capacity (Min~Max)				kW		10.0 (4.0 ~ 11.2)		12.5 (5.0 ~ 14.0)		14.0 (5.0 ~ 16.0)	
Nominal heating capacity (Min~Max)				kW		11.2 (4.0 ~ 16.0)		14.0 (4.0 ~ 18.0)		16.0 (4.0 ~ 20.0)	
Power consumption		Cooling/Heating		kW		2.83 / 3.04		3.89 / 3.88		4.65 / 4.69	
EER/COP		Cooling/Heating				3.53 / 3.68		3.21 / 3.61		3.01 / 3.41	
Inrush current				A		5		5		5	
Max. current						15		15		15	
Sound power level*1	Indoor	Cooling/Heating		dB(A)		65 / 65		73 / 73		73 / 73	
	Outdoor	Cooling/Heating				70 / 70		70 / 70		72 / 72	
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)				54 / 50 / 48 / 44		54 / 50 / 48 / 44		54 / 50 / 48 / 44	
		Heating (P-Hi/Hi/Me/Lo)				54 / 50 / 48 / 44		54 / 50 / 48 / 44		54 / 50 / 48 / 44	
	Outdoor	Cooling/Heating				48 / 50		48 / 50		49 / 52	
Air flow	Indoor	Cooling (P-Hi/Hi/Me/Lo)				m³/min		29 / 26 / 23 / 19		29 / 26 / 23 / 19	
		Heating (P-Hi/Hi/Me/Lo)		29 / 26 / 23 / 19				29 / 26 / 23 / 19		29 / 26 / 23 / 19	
	Outdoor	Cooling/Heating		100 / 100				100 / 100		100 / 100	
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320							
	Outdoor			1,300 x 970 x 370							
Net weight	Indoor		kg	52							
	Outdoor			105							
Ref.piping size		Liquid/Gas		ømm		9.52(3/8") / 15.88(5/8")					
Refrigerant line (one way) length				m		Max.100					
Vertical height differences		Outdoor is higher/lower		m		Max.30 / Max.15					
Outdoor operating temperature range	Cooling		°C	-15~43*2							
	Heating			-20~20							
Air filter, Q'ty				Plastic net x 1(washable)							
Remote control				wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)							

The values are for simultaneous Multi operation.

R410A			Hyper Inverter	
Set model name			FDF140VNX PVD1	FDF140VSX PVD1
			Twin	
Indoor unit			FDF71VD1 x 2	FDF71VD1 x 2
Outdoor unit			FDC140VNX	FDC140VSX
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz	3 Phase 380-415V, 50Hz / 380V 60Hz
Nominal cooling capacity (Min~Max)		kW	14.0 (5.0 ~ 16.0)	14.0 (5.0 ~ 16.0)
Nominal heating capacity (Min~Max)		kW	16.0 (4.0 ~ 18.0)	16.0 (4.0 ~ 20.0)
Power consumption	Cooling/Heating	kW	4.83 / 4.97	4.83/ 4.97
EER/COP	Cooling/Heating		2.90 / 3.22	2.90 / 3.22
Inrush current		A	5	5
Max. current			26	15
Sound power level*1	Indoor*3	Cooling/Heating	dB(A)	61 / 61
	Outdoor			Cooling/Heating
Sound pressure level*1	Indoor*3	Cooling (P-Hi/Hi/Me/Lo) Heating (P-Hi/Hi/Me/Lo)	dB(A)	42 / 39 / 35 / 33
	Outdoor			Cooling/Heating
Air flow	Indoor*3	Cooling (P-Hi/Hi/Me/Lo) Heating (P-Hi/Hi/Me/Lo)	m³/min	18 / 16 / 14 / 12
				18 / 16 / 14 / 12
	Outdoor	Cooling/Heating	100 / 100	100 / 100
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320
	Outdoor			1,300 x 970 x 370
Net weight	Indoor		kg	49
	Outdoor			105
Ref.piping size		Liquid/Gas	ømm	9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length			m	Max.100
Vertical height differences		Outdoor is higher/lower	m	Max.30 / Max.15
Outdoor operating temperature range	Cooling		°C	-15~43*2
	Heating			-20~20
Air filter, Q'ty				Plastic net x 1(washable)
Remote control				wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)

NOTES:

The data are measured under the following conditions(ISO-T1).

Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

*3 : The values are for one indoor unit operation. (Multi system only)

R410A			Micro Inverter			
Set model name			FDF100VNAVD2	FDF125VNAVD	FDF140VNAVD	
Indoor unit			FDF100VD2	FDF125VD	FDF140VD	
Outdoor unit			FDC100VNA	FDC125VNA	FDC140VNA	
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz			
Nominal cooling capacity (Min~Max)		kW	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 13.0)	13.0 (5.0 ~ 13.0)	
Nominal heating capacity (Min~Max)		kW	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)	
Power consumption	Cooling/Heating	kW	3.12 / 2.94	4.65 / 4.14	5.02 / 4.98	
EER/COP	Cooling/Heating		3.21 / 3.81	2.69 / 3.38	2.59 / 3.11	
Inrush current		A	5	5	5	
Max. current			24	24	24	
Sound power level*1	Indoor	Cooling/Heating	dB(A)	65 / 65	73 / 73	73 / 73
	Outdoor	Cooling/Heating		70 / 70	71 / 71	73 / 73
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)	m³/min	54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
		Heating (P-Hi/Hi/Me/Lo)		54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
	Outdoor	Cooling/Heating		54 / 56	55 / 57	57 / 59
		Cooling (P-Hi/Hi/Me/Lo)		29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19
Air flow	Indoor	Heating (P-Hi/Hi/Me/Lo)	29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19	
		Outdoor	Cooling/Heating	75 / 73	75 / 73	75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320		
	Outdoor			845 x 970 x 370		
Net weight	Indoor		kg	52		
	Outdoor			80		
Ref.piping size	Liquid/Gas		ømm	9.52(3/8") / 15.88(5/8")		
Refrigerant line (one way) length			m	Max.50		
Vertical height differences	Outdoor is higher/lower		m	Max.50 / Max.15		
Outdoor operating temperature range	Cooling		°C	-15~50*2		
	Heating			-20~20		
Air filter, Q'ty			Plastic net x 1(Washable)			
Remote control			wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)			

R410A			Micro Inverter		
Set model name			FDF100VSAVD2	FDF125VSAVD	FDF140VSAVD
Indoor unit			FDF100VD2	FDF125VD	FDF140VD
Outdoor unit			FDC100VSA	FDC125VSA	FDC140VSA
Power source			3 Phase 380-415V, 50Hz / 380V, 60Hz		
Nominal cooling capacity (Min~Max)		kW	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	13.6 (5.0 ~ 14.5)
Nominal heating capacity (Min~Max)		kW	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)
Power consumption	Cooling/Heating	kW	3.12 / 2.94	4.65/ 4.14	5.42 / 4.98
EER/COP	Cooling/Heating		3.21 / 3.81	2.69 / 3.38	2.51 / 3.11
Inrush current		A	5	5	5
Max. current			15	15	15
Sound power level*1	Indoor	Cooling/Heating	65 / 65	73 / 73	73 / 73
	Outdoor	Cooling/Heating	70 / 70	71 / 71	73 / 73
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)	54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
		Heating (P-Hi/Hi/Me/Lo)	54 / 50 / 48 / 44	54 / 50 / 48 / 44	54 / 50 / 48 / 44
	Outdoor	Cooling/Heating	54 / 56	55 / 57	57 / 59
		Cooling (P-Hi/Hi/Me/Lo)	29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19
Air flow	Indoor	Heating (P-Hi/Hi/Me/Lo)	29 / 26 / 23 / 19	29 / 26 / 23 / 19	29 / 26 / 23 / 19
	Outdoor	Cooling/Heating	75 / 73	75 / 73	75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320	
	Outdoor			845 x 970 x 370	
Net weight	Indoor		kg	52	
	Outdoor			82	
Ref.piping size	Liquid/Gas		ømm 9.52(3/8") / 15.88(5/8")		
Refrigerant line (one way) length			m Max.50		
Vertical height differences	Outdoor is higher/lower		m Max.50 / Max.15		
Outdoor operating temperature range	Cooling	°C	-15~50*2		
	Heating		-20~20		
Air filter, Q'ty			Plastic net x 1(Washable)		
Remote control			wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)		

SPECIFICATIONS - FDF -

R410A			Micro Inverter			
Set model name			FDF140VNAPVD1	FDF140VSAPVD1	FDF200VSAPVD2	FDF250VSAPVD
			Twin			
Indoor unit			FDF71VD1 x 2	FDF71VD1 x 2	FDF100VD2 x 2	FDF125VD x 2
Outdoor unit			FDC140VNA	FDC140VSA	FDC200VSA	FDC250VSA
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz			
Nominal cooling capacity (Min~Max)			13.6 (5.0 ~ 14.5)	13.6 (5.0 ~ 14.5)	19.0 (5.2 ~ 22.4)	24.0 (6.9 ~ 28.0)
Nominal heating capacity (Min~Max)			15.5 (4.0 ~ 16.5)	15.5 (4.0 ~ 16.5)	22.4 (3.3 ~ 25.0)	27.0 (5.5 ~ 31.5)
Power consumption			5.15 / 4.35	5.15 / 4.35	6.74 / 6.42	9.15 / 8.49
EER/COP			2.64 / 3.56	2.64 / 3.56	2.82 / 3.49	2.62 / 3.18
Inrush current			5	5	5	5
Max. current			24	15	20	21
Sound power level*1	Indoor*3	Cooling/Heating	61 / 61	61 / 61	65 / 65	73 / 73
	Outdoor	Cooling/Heating	73 / 73	73 / 73	72 / 74	73 / 75
Sound pressure level*1	Indoor*3	Cooling (P-Hi/Hi/Me/Lo)	42 / 39 / 35 / 33	42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44
	Outdoor	Heating (P-Hi/Hi/Me/Lo)	42 / 39 / 35 / 33	42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44
Air flow	Indoor*3	Cooling/Heating	57 / 59	57 / 59	58 / 59	59 / 62
	Outdoor	Cooling/Heating	18 / 16 / 14 / 12	18 / 16 / 14 / 12	29 / 26 / 23 / 19	29 / 26 / 23 / 19
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320		
	Outdoor	HeightxWidthxDepth	mm	845 x 970 x 370	1,300 x 970 x 370	1,505 x 970 x 370
Net weight	Indoor		kg	49	52	
	Outdoor		kg	80	82	115
Ref.piping size			ømm	9.52(3/8") / 15.88(5/8")	9.52(3/8") / 22.22(7/8")	12.7(1/2") / 22.22(7/8")
Refrigerant line (one way) length			m	Max.50	Max.70	
Vertical height differences			m	Max.50 / Max.15	Max.30 / Max.15	
Outdoor operating temperature range			°C	-15~50*2		
Air filter, Q'ty				-20~20	-15~20	
Remote control				Plastic net x 1 (washable)		
				wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)		

R410A			Standard Inverter		
Set model name			FDF71VNPVD1	FDF90VNP1VD2	FDF100VNP1VD2
Indoor unit			FDF71VD1	FDF100VD2	FDF100VD2
Outdoor unit			FDC71VNP	FDC90VNP1	FDC100VNP
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)			7.1 (1.4 ~ 7.1)	9.0 (1.9 ~ 9.0)	10.0 (2.8 ~ 11.2)
Nominal heating capacity (Min~Max)			7.1 (1.0 ~ 7.1)	9.0 (1.5 ~ 9.0)	11.2 (2.5 ~ 12.5)
Power consumption			2.67 / 2.04	2.81 / 2.25	3.19 / 3.09
EER/COP			2.66 / 3.48	3.20 / 4.00	3.13 / 3.62
Inrush current			5	5	5
Max. current			14.5	18.0	21.0
Sound power level*1	Indoor	Cooling/Heating	61 / 61	65 / 65	65 / 65
	Outdoor	Cooling/Heating	67 / 67	69 / 69	70 / 70
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)	42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44
	Outdoor	Heating (P-Hi/Hi/Me/Lo)	42 / 39 / 35 / 33	54 / 50 / 48 / 44	54 / 50 / 48 / 44
Air flow	Indoor	Cooling/Heating	54 / 54	57 / 55	57 / 61
	Outdoor	Cooling/Heating	20 / 18 / 16 / 14	29 / 26 / 23 / 19	29 / 26 / 23 / 19
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	1,850 x 600 x 320	
	Outdoor	HeightxWidthxDepth	mm	640 x 800(+71) x 290	750 x 880(+88) x 340
Net weight	Indoor		kg	49	52
	Outdoor		kg	45	57
Ref.piping size			ømm	6.35(1/4") / 12.7(1/2")	9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length			m	Max.23	Max.30
Vertical height differences			m	Max.20 / Max.20	
Outdoor operating temperature range			°C	-15~46*2	
Air filter, Q'ty				-15~20	
Remote control				Plastic net x1 (Washable)	
				wired:RC-E5 (installed) wireless:RCN-KIT4-E2 (option)	

NOTES:

The data are measured under the following conditions(ISO-T1).
Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.
*3 : The values are for one indoor unit operation. (Multi system only)