

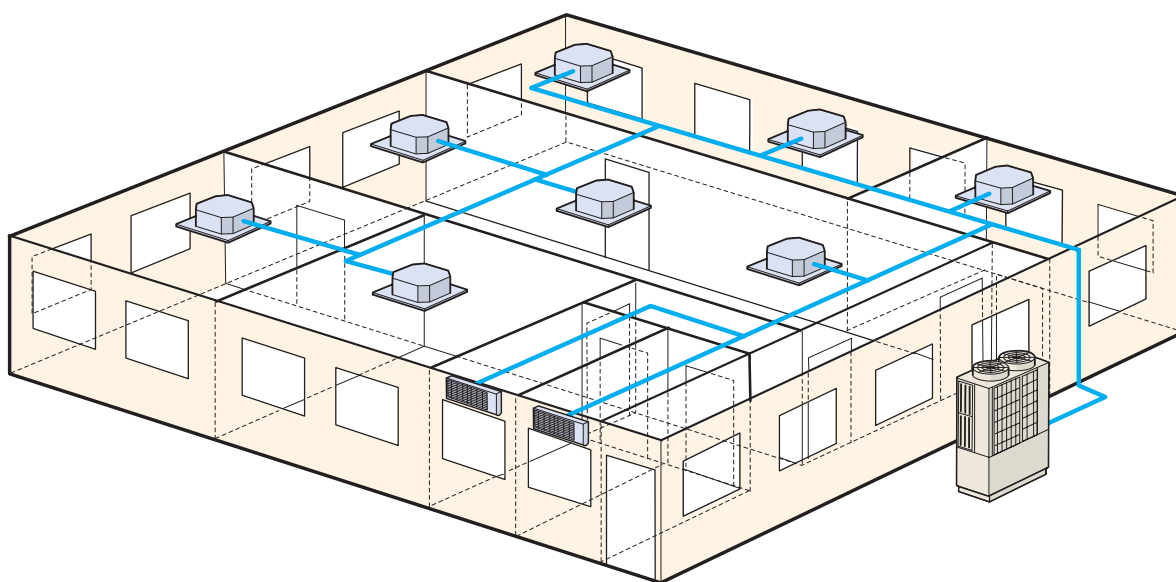
KX6 heat pump systems

KX6 heat pump systems operate with 2 inter-connecting pipes, thus commonly referred to as a '2-pipe system'.

These systems provide either a heating or cooling operation to all indoor units and are suitable for a wide range of applications from an individual apartment (with "Micro KX", 1/phase system) to an entire multi storey building, especially where there are significant open plan areas to be controlled.

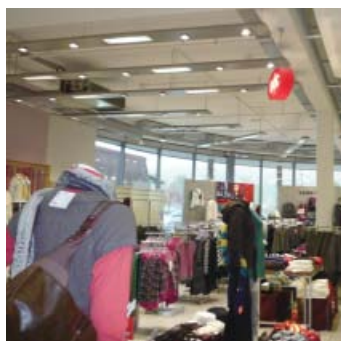
The range starts with a 11.2kW cooling capacity, up to the largest capacity single outdoor unit in the industry (24hp) with 68.0kW cooling capacity. Outdoor units can also be "twinned" providing up to 48HP/136.0kW on a single system.

The KX6 range has a total piping length of 1000m (14HP+) and the furthest indoor unit can be connected up to 160m (8HP+) from the outdoor unit.



Fixed Cooling mode/ fixed heating mode (summer/winter switch):

It is possible to fix the operational mode of the system (either cooling or heating) using a switch (SW3-7) on the outdoor unit PC board - this enables the building user to decide the operation of the system (e.g. cooling only in summer/heating only in winter), to avoid unnecessary energy wastage. It is also possible to wire the control switch to a remote location (inside the building) to a control room, or even linked to an ambient thermostat.





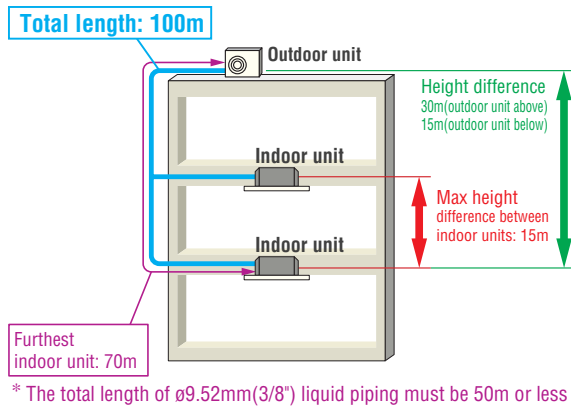
MicrOKX Outdoor units

Heat pump systems 4, 5, 6hp (11.2kW~15.5kW)

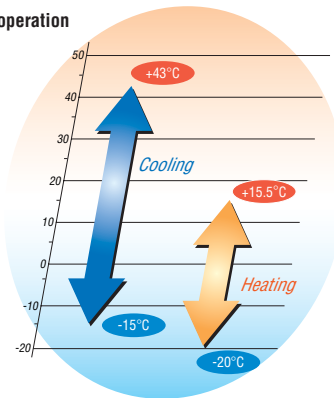
Model No.	Nominal Cooling Capacity
FDC112KXEN6	11.2kW (1phase)
FDC140KXEN6	14.0kW (1phase)
FDC155KXEN6	15.5kW (1phase)
FDC112KXES6	11.2kW (3phase)
FDC140KXES6	14.0kW (3phase)
FDC155KXES6	15.5kW (3phase)



- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 8 indoor units/up to 150% capacity.
- High efficiency with COP (in cooling) up to 4.0.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 100m and a maximum pipe run of 70m.



Range of operation



Specifications

Item	Model	FDC112KXEN6	FDC140KXEN6	FDC155KXEN6	FDC112KXES6	FDC140KXES6	FDC155KXES6		
Nominal horse power		4HP	5HP	6HP	4HP	5HP	6HP		
Power source		1 Phase 220-240V, 50Hz			3 Phase 380-415V, 50Hz				
Nominal capacity	Cooling	11.2	14.0	15.5	11.2	14.0	15.5		
	Heating	12.5	16.0	16.3	12.5	16.0	16.3		
Electrical characteristics	Starting current	A						5	
	Power consumption	Cooling	2.80	4.17	4.71	2.80	4.17	4.71	
		Heating	2.89	4.31	4.38	2.89	4.31	4.38	
	Running current	Cooling	13.5-12.4	20.6-18.9	23.3-21.3	4.5-4.1	6.9-6.3	7.8-7.1	
Heating		14.1-12.9	21.5-19.7	21.9-20.1	4.7-4.3	7.2-6.6	7.3-6.7		
Exterior dimensions	HxWxD	mm						845x970x370	
Net weight		kg			85			87	
Refrigerant charge	R410A	kg			5.0				
Sound pressure level	Cooling/Heating	dB(A)		52/54	53/55	53/56	52/54	53/55	53/56
Refrigerant piping size	Liquid line	mm(in)						ø9.52(3/8")	
	Gas line	mm(in)						ø15.88(5/8")	
Capacity connection		%						80~150	
Number of connectable indoor units		6	8	8	6	8	8		

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Refrigerant piping

Outdoor unit (HP)		4	5	6
Gas pipe	Furthest indoor unit =<70m	ø15.88		
Liquid pipe		ø9.52		

Branch pipes



DIS-22-1/DIS-180-1

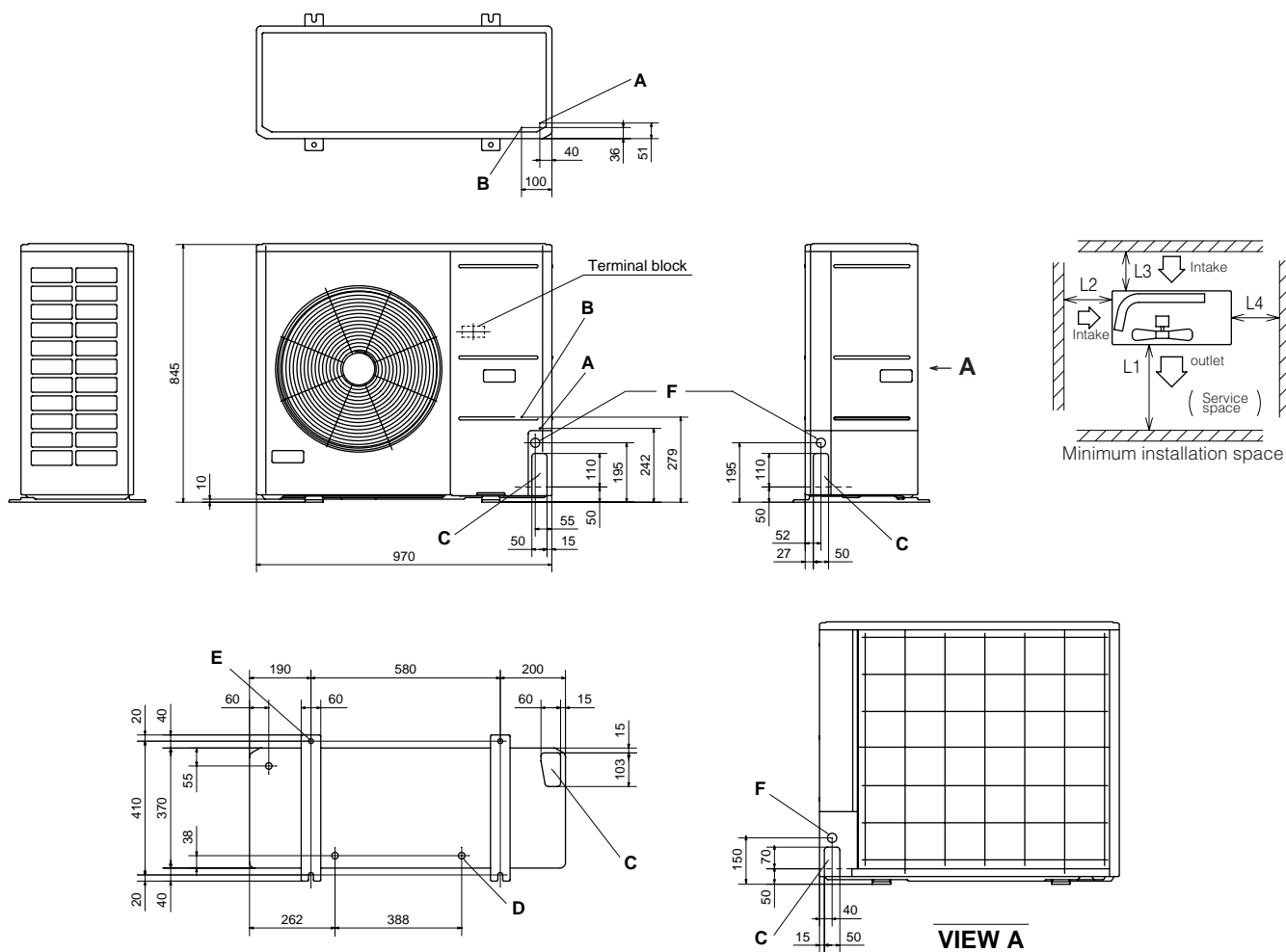
Header pipe



HEAD6-180-1

Dimensions

All measurements in mm.



Mark	Item	
A	Service valve connection (gas side)	ø15.88 (5/8") (flare)
B	Service valve connection (liquid line)	ø9.52 (3/8") (flare)
C	Pipe/cable draw-out port	4 places
D	Drain discharge port	ø20 x 3 places
E	Anchor bolt hole	M10 x 4 places
F	Cable draw-out port	ø30 x 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 faces perpendicularly to the dominant wind direction.
- (4) Leave a 1m or larger space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The unit name plate is attached on the lower right corner of the front panel.

	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5

1m overhead clearance required



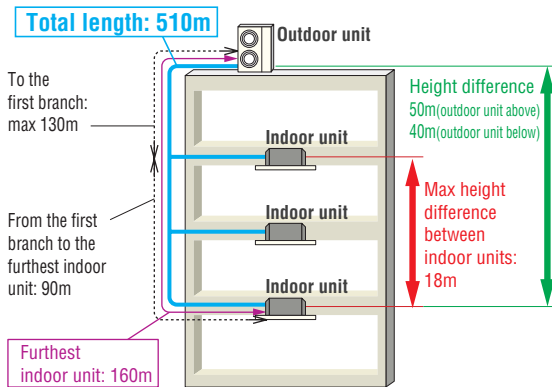
MicroKX Outdoor units

Heat pump systems 8, 10, 12hp (22.4kW~33.5kW)

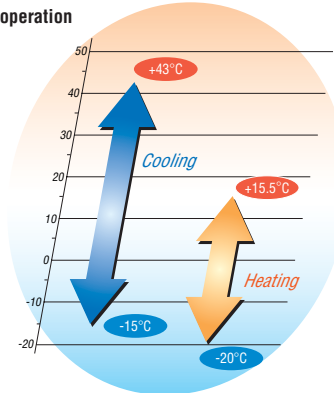
Model No.	Nominal Cooling Capacity
FDC224KXE6	22.4kW
FDC280KXE6	28.0kW
FDC335KXE6	33.5kW



- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 22 indoor units/up to 150% capacity.
- High efficiency with COP (in cooling) up to 4.0.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 510m and a maximum pipe run of 160m.



Range of operation



Specifications

Item	Model	FDC224KXE6	FDC280KXE6	FDC335KXE6	
Nominal horse power		8HP	10HP	12HP	
Power source		3 Phase 380-415V, 50Hz			
Nominal capacity	Cooling	22.4	28.0	33.5	
	Heating	25.0	31.5	37.5	
Electrical characteristics	Starting current	A			
	Power consumption	Cooling	5.60	8.09	9.82
		Heating	6.03	8.21	10.12
	Running current	Cooling	9.25-8.47	13.22-12.10	15.87-14.53
Heating		9.85-9.02	13.41-12.28	16.36-14.98	
Exterior dimensions	HxWxD	mm			
Net weight		221		224	
Refrigerant charge	R410A	kg			
Sound pressure level	Cooling/Heating	dB(A)			
Refrigerant piping size	Liquid line	mm(in)			
	Gas line				
Capacity connection		%			
Number of connectable indoor units		15	19	22	

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
 3. [] : Pipe sizes applicable to European installations are shown in parentheses.

Refrigerant piping

Outdoor unit (HP)		8	10	12
Gas pipe	Furthest indoor unit =<90m	ø19.05	ø22.22	ø28.58
Liquid pipe		ø9.52		ø12.7
Gas pipe	Furthest indoor unit =<90m	ø22.22		ø28.58
Liquid pipe		ø12.7		

Branch pipes



DIS-22-1/DIS-180-1



DIS-371-1

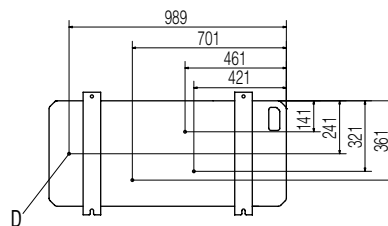
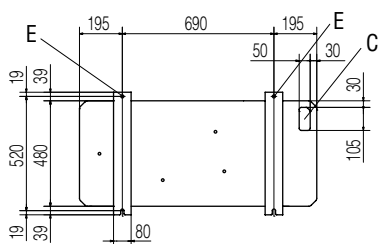
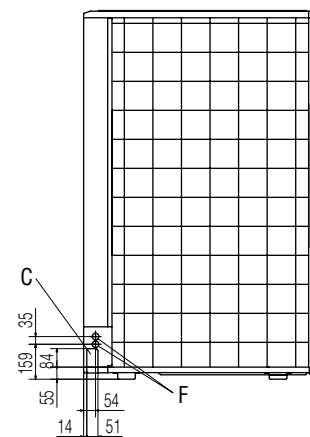
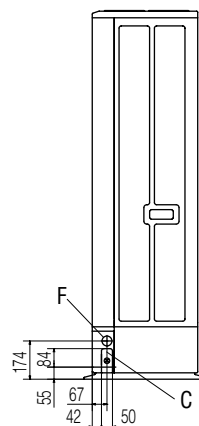
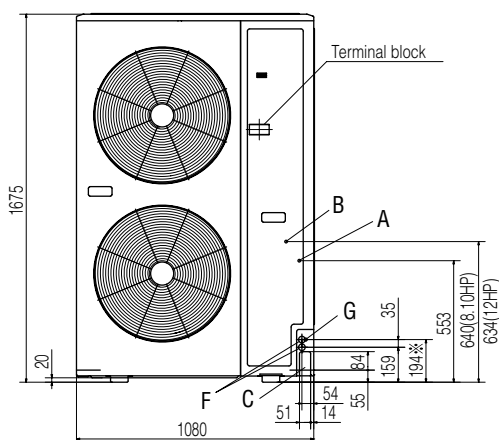
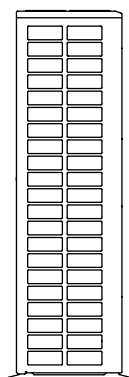
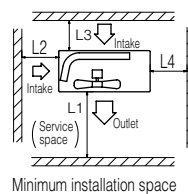
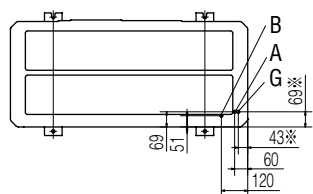
Header pipe



HEAD6-180-1

Dimensions

All measurements in mm.



	I	II	III
L1	Open	Open	1500
L2	300	5	Open
L3	300	300	300
L4	5	5	5

Mark	Item	FDC224KXE6	FDC280KXE6	FDC335KXE6
A	Service valve connection of the attached connecting pipe (gas side)	ø19.05 (3/4") (Flare)	ø19.05 (3/4") (Flare)	ø19.05 (3/4") (Flare)
B	Service valve connection (liquid side)	ø9.52 (3/8") (Flare)	ø9.52 (3/8") (Flare)	ø12.7 (1/2") (Flare)
C	Pipe/cable draw-out hole	4places	4places	4places
D	Drain discharge hole	ø20 × 4places	ø20 × 4places	ø20 × 4places
E	Anchor bolt hole	M10 × 4places	M10 × 4places	M10 × 4places
F	Cable draw-out hole	ø30 × 2places (front) ø45 (side) ø30 × 2places (back)	ø30 × 2places (front) ø45 (side) ø30 × 2places (back)	ø30 × 2places (front) ø45 (side) ø30 × 2places (back)
G	Connecting position of the local pipe. (gas side)	ø19.05 (3/4")(Brazing)	ø22.22 (7/8")(Brazing)	ø25.4 (1")(Brazing)

Notes:

- It must not be surrounded by walls on the four sides.
- The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- 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.
- Leave a 1m or larger space above the unit.
- A wall in front of the blower outlet must not exceed the units height.
- The model name label is attached on the lower right corner of the front.
- Connect the Service valve with local pipe by using the pipe of the attachment.(Gas side only)
- Mark ※ shows the connecting position of the local pipe.(Gas side only)



KX6 Outdoor units

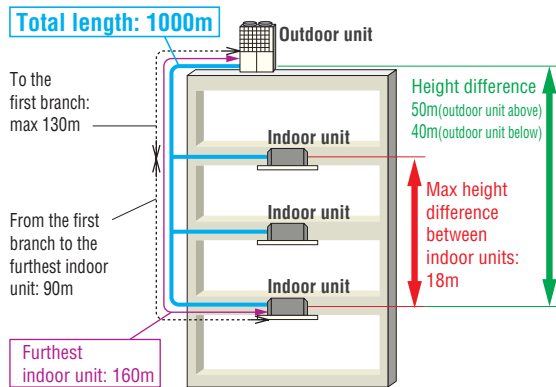
Heat pump systems 14, 16hp (40.0kW~45.0kW)

Model No.	Nominal Cooling Capacity
FDC400KXE6	40.0kW
FDC450KXE6	45.0kW

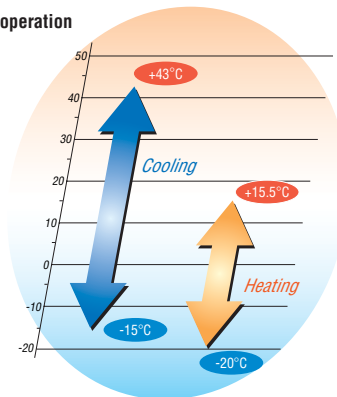


Uniform footprint of models (14,16hp) allows continuous side-by-side installation

- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 40 indoor units/up to 200% capacity.
- High efficiency with COP (in cooling) up to 3.6.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m.



Range of operation



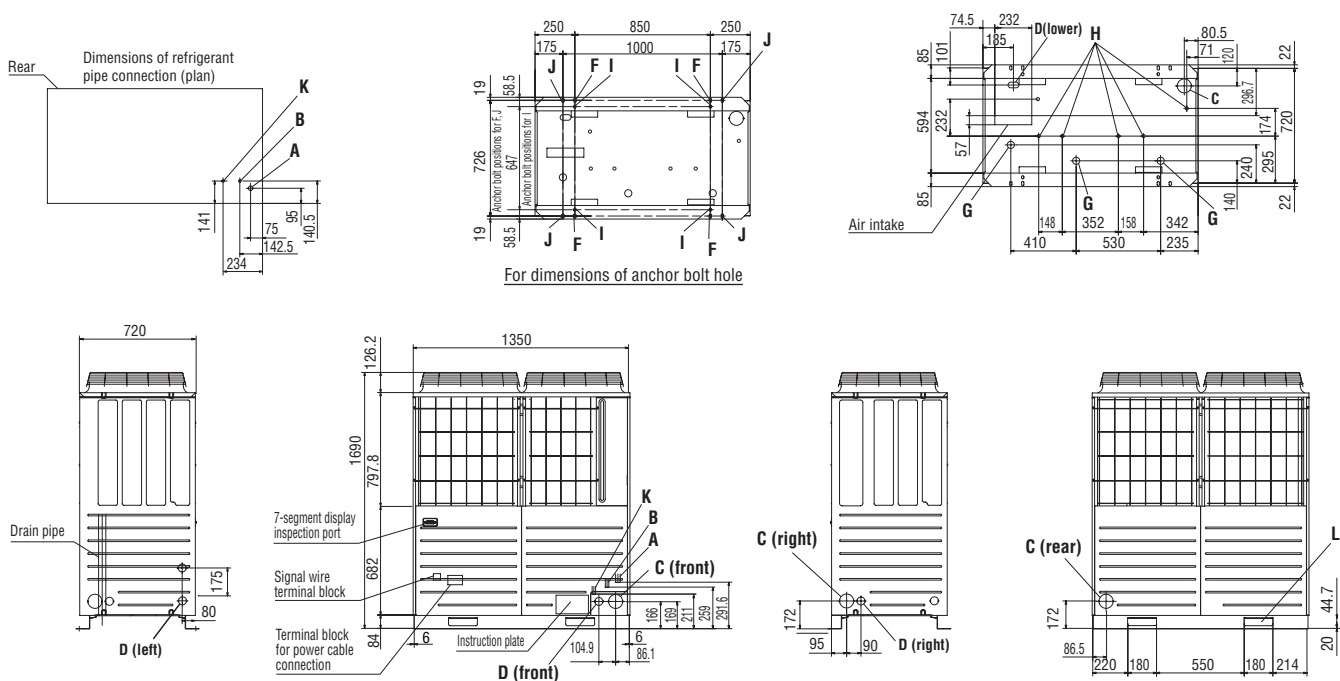
Specifications

Item		Model	FDC400KXE6	FDC450KXE6
Nominal horse power			14HP	16HP
Power source			3 Phase 380-415V, 50Hz	
Nominal capacity	Cooling	kW	40.0	45.0
	Heating	kW	45.0	50.0
Electrical characteristics	Starting current		8	
	Power consumption	Cooling	11.27	12.97
		Heating	11.73	13.10
	Running current	Cooling	18.4-16.9	21.1-19.3
Heating		19.6-17.9	21.7-19.9	
Exterior dimensions	HxWxD	mm	1690x1350x720	
Net weight		kg	317	
Refrigerant charge	R410A	kg	11.5	
Sound pressure level	Cooling/Heating	dB(A)	59.5/60	62.5/62.5
Refrigerant piping size	Liquid line	mm(in)	ø12.7(1/2")	
	Gas line	mm(in)	ø25.4(1") [ø28.58(1 1/8")]	
Capacity connection		%	50~200	
Number of connectable indoor units			36	40

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
 3. [] : Pipe sizes applicable to European installations are shown in parentheses.

Dimensions

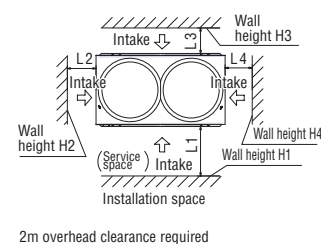
All measurements in mm.



Mark	Item	
A	Service valve connection (gas side)	For refrigerant piping, please refer to the unit specifications.
B	Service valve connection (liquid line)	
C	Refrigerant pipe draw-out port	ø88
D	Power cable draw-in port	ø50
F	Anchor bolt hole	M10 x 4 places
G	Drain hose hole	ø45 x 3 places
H	Drain discharge port	ø20 x 6 places
K*	Oil-equalising pipe joint	ø3/8" flare
L	Sling holes for haulage or hoisting	180 x 44.7

*14, 16HP models only

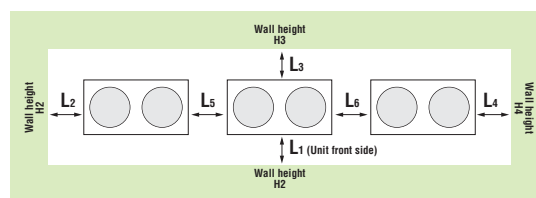
Installation example		
Dimensions	1	2
L ₁	500	Open
L ₂	10	200
L ₃	100	300
L ₄	10	Open
H ₁	1500	-
H ₂	No restrictions	No restrictions
H ₃	1000	No restrictions
H ₄	No restrictions	-



Notes:

- The unit must be fixed with anchor bolts.
- Leave a 2m or larger space above the unit.
- The unit name plate is attached on the lower right corner of the front panel.
- The ports for refrigerant pipe and power cable penetrations are covered with half-blanks. Please cut off a half-blank with nippers in using these ports.
- Use a ø88 port for refrigerant pipe connection.
- Anchor holes marked "L J" (four holes for M10) are for a renewal installation.
- The oil-equalising pipe K should be used when outdoor units are used in combination. (For 14,16HP only)

When more than one unit is installed



Installation example		
Dimensions	A	B
L ₁	500	Open
L ₂	10	200
L ₃	100	300
L ₄	10	Open
L ₅	0	400
L ₆	0	400
H ₁	1500	No restrictions
H ₂	No restrictions	No restrictions
H ₃	1000	No restrictions
H ₄	No restrictions	No restrictions



KX6 Outdoor units

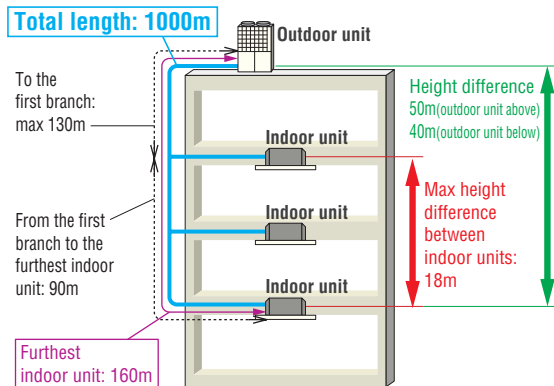
Heat pump systems 18, 20, 22, 24hp (50.4kW~68.0kW)

Model No.	Nominal Cooling Capacity
FDC504KXE6	50.4kW
FDC560KXE6	56.0kW
FDC615KXE6	61.5kW
FDC680KXE6	68.0kW

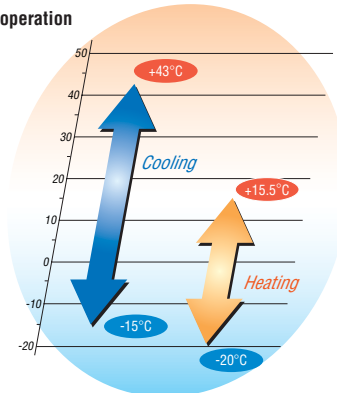
- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 49 indoor units/up to 160% capacity.
- High efficiency with COP (in cooling) up to 3.4.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m.



Uniform footprint of all models (from 8hp~24hp) allows continuous side-by-side installation



Range of operation



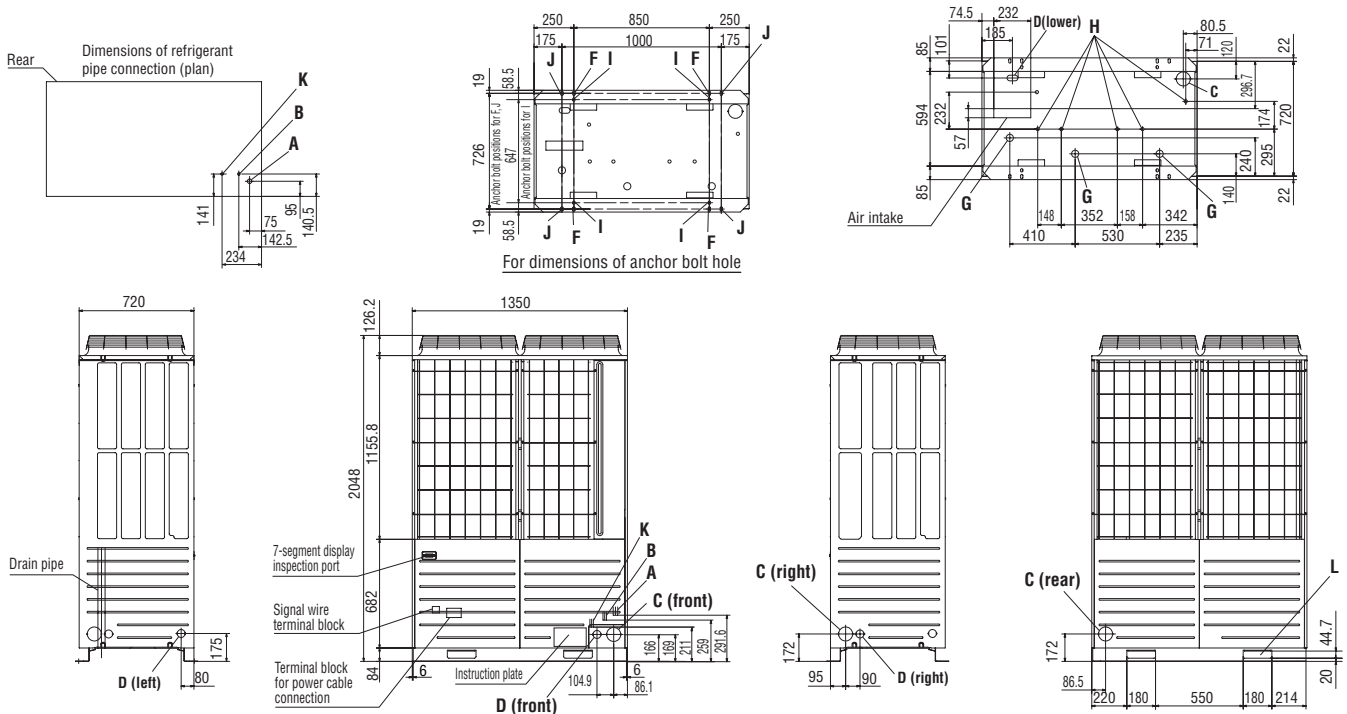
Specifications

Item	Model	FDC504KXE6	FDC560KXE6	FDC615KXE6	FDC680KXE6	
Nominal horse power		18HP	20HP	22HP	24HP	
Power source		3 Phase 380-415V, 50Hz				
Nominal capacity	Cooling	50.4	56.0	61.5	68.0	
	Heating	56.5	63.0	69.0	73.0	
Electrical characteristics	Starting current	8				
	Power consumption	Cooling	14.73	16.79	20.37	24.98
		Heating	15.12	16.79	18.48	19.08
	Running current	Cooling	24.1-22.0	27.4-25.1	33.1-30.3	40.3-36.9
Heating		25.2-23.1	28.0-25.7	30.7-28.1	31.6-29.0	
Exterior dimensions	HxWxD	2048x1350x720				
Net weight	kg	341		355		
Refrigerant charge	R410A	11.5		11.5		
Sound pressure level	Cooling/Heating	61.5/62.0	63.0/63.5	64.5/64.0	65.0/65.0	
Refrigerant piping size	Liquid line	ø12.7(1/2")				
	Gas line	ø28.58(1 1/8")				
Capacity connection	%	50~160				
Number of connectable indoor units		36	40	44	49	

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

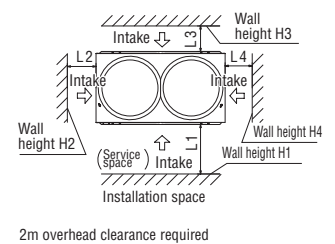
Dimensions

All measurements in mm.



Mark	Item	
A	Service valve connection (gas side)	For refrigerant piping, please refer to the unit specifications.
B	Service valve connection (liquid line)	
C	Refrigerant pipe draw-out port	ø100
D	Power cable draw-in port	ø50
F	Anchor bolt hole	M10 x 4 places
G	Drain hose hole	ø45.3 x 3 places
H	Drain discharge port	ø20.5 x 3 places
K	Oil-equalising pipe joint	ø9.52 flare
L	Sling holes for haulage or hoisting	180 x 44.7

Installation example		
Dimensions	1	2
L1	500	Open
L2	10	200
L3	100	300
L4	10	Open
H1	1500	-
H2	No restrictions	No restrictions
H3	1000	No restrictions
H4	No restrictions	-



Notes:

- (1) The unit must be fixed with anchor bolts.
- (2) Leave a 2m or larger space above the unit.
- (3) The unit name plate is attached on the lower right corner of the front panel.
- (4) The ports for refrigerant pipe and power cable penetrations are covered with half-blanks. Please cut off a half-blank with nippers in using these ports.
- (5) Use a ø88 port for refrigerant pipe connection.
- (6) Anchor holes marked "L J" (four holes for M10) are for a renewal installation.
- (7) The oil-equalising pipe K should be used when outdoor units are used in combination.



KX6 Outdoor units

Heat pump combination systems

26, 28, 30, 32hp (73.5kW~90.0kW)

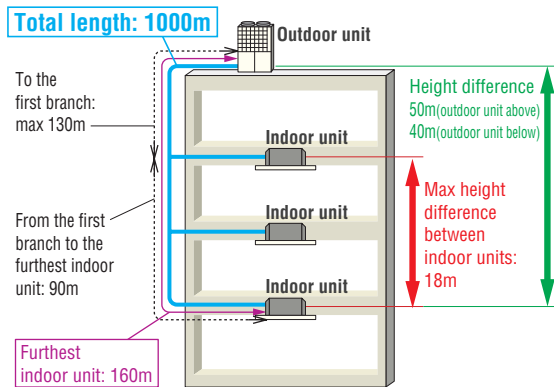


Model No.	Nominal Cooling Capacity
FDC735KXE6 (FDC335-K+FDC400)	73.5kW
FDC800KXE6 (FDC400x2)	80.0kW
FDC850KXE6 (FDC400+FDC450)	85.0kW
FDC900KXE6 (FDC450x2)	90.0kW

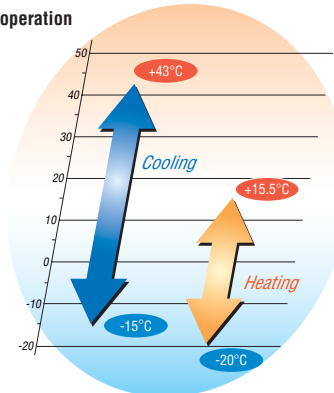
- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 65 indoor units/up to 160% capacity.
- High efficiency with COP (in cooling) up to 3.6.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m.



Uniform footprint of all models (from 8hp~24hp) allows continuous side-by-side installation



Range of operation



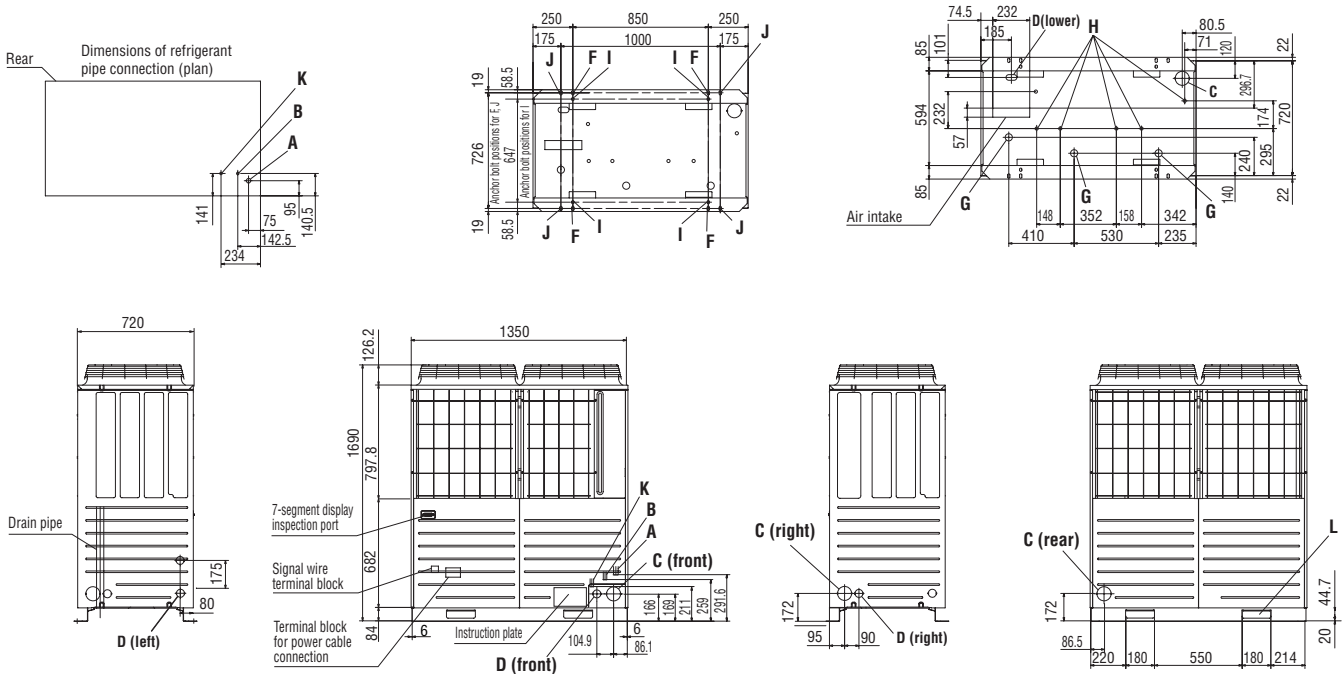
Specifications

Item	Model	FDC735KXE6	FDC800KXE6	FDC850KXE6	FDC900KXE6	
Combination (FDC)		335KXE6-K	400KXE6	400KXE6	450KXE6	
		400KXE6	400KXE6	450KXE6	450KXE6	
Nominal horse power		26HP	28HP	30HP	32HP	
Power source		3 Phase 380-415V, 50Hz				
Nominal capacity	Cooling	73.5	80.0	85.0	90.0	
	Heating	82.5	90.0	95.0	100.0	
Electrical characteristics	Starting current	A 16				
	Power consumption	Cooling	20.21	22.54	24.24	25.94
		Heating	20.66	23.46	24.83	26.20
	Running current	Cooling	32.9-30.2	36.8-33.8	39.5-36.2	42.2-38.6
Heating		34.4-31.4	39.2-35.8	41.3-37.8	43.4-39.8	
Exterior dimensions	HxWxD	mm 1690x2700x720				
Net weight		kg 317x2				
Refrigerant charge	R410A	kg 11.5x2				
Refrigerant piping size	Liquid line	mm(in) ø15.88(5/8")				
	Gas line	ø31.8(1 1/4") [ø34.92(1 3/8")]				
Capacity connection	%	50~160				
Number of connectable indoor units		53	58	61	65	

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
 3. [] : Pipe sizes applicable to European installations are shown in parentheses.

Dimensions

All measurements in mm.



Mark	Item	
A	Service valve connection (gas side)	For refrigerant piping, please refer to the unit specifications.
B	Service valve connection (liquid line)	
C	Refrigerant pipe draw-out port	ø88
D	Power cable draw-in port	ø50
F	Anchor bolt hole	M10 x 4 places
G	Drain hose hole	ø45 x 3 places
H	Drain discharge port	ø20 x 6 places
K	Oil-equalising pipe joint	ø3/8" flare
L	Sling holes for haulage or hoisting	180 x 44.7

Notes:

- (1) The unit must be fixed with anchor bolts.
- (2) Leave a 2m or larger space above the unit.
- (3) The unit name plate is attached on the lower right corner of the front panel.
- (4) The ports for refrigerant pipe and power cable penetrations are covered with half-blanks. Please cut off a half-blank with nippers in using these ports.
- (5) Use a ø88 port for refrigerant pipe connection.
- (6) Anchor holes marked "L J" (four holes for M10) are for a renewal installation.
- (7) The oil-equalising pipe K should be used when outdoor units are used in combination.



KX6 Outdoor units

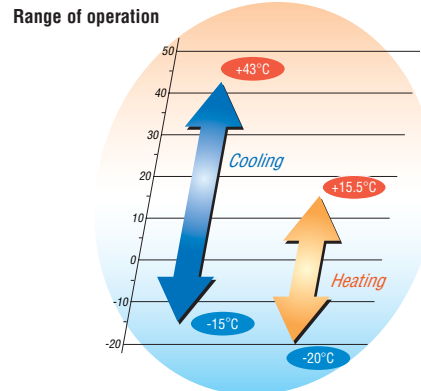
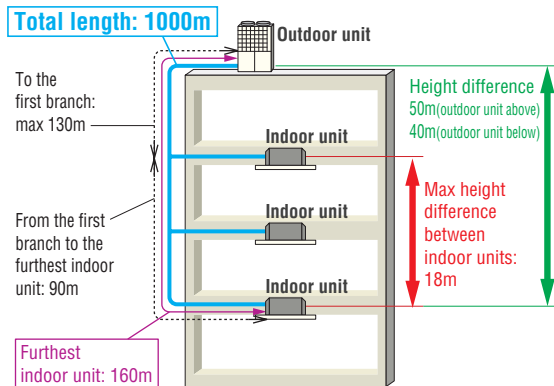
Heat pump combination systems

34, 36, 38, 40, 42, 44, 46, 48hp (96.0kW~136.0kW)

Model No.	Nominal Cooling Capacity
FDC960KXE6 (FDC450+FDC504)	96.0kW
FDC1010KXE6 (FDC504x2)	101.0kW
FDC1065KXE6 (FDC504+FDC560)	106.5kW
FDC1130KXE6 (FDC560x2)	113.0kW
FDC1180KXE6 (FDC560-K+FDC615)	118.0kW
FDC1235KXE6 (FDC615x2)	123.5kW
FDC1300KXE6 (FDC615+FDC680)	130.0kW
FDC1360KXE6 (FDC680x2)	136.0kW



- The KX6 heat pump 2-pipe systems offer high performance VRF for applications that require either cooling only or heating only, ideal for open plan areas.
- Connect up to 80 indoor units/up to 130% (960KXE6:160%) capacity.
- High efficiency with COP (in cooling) up to 3.5.
- KX6 employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m.



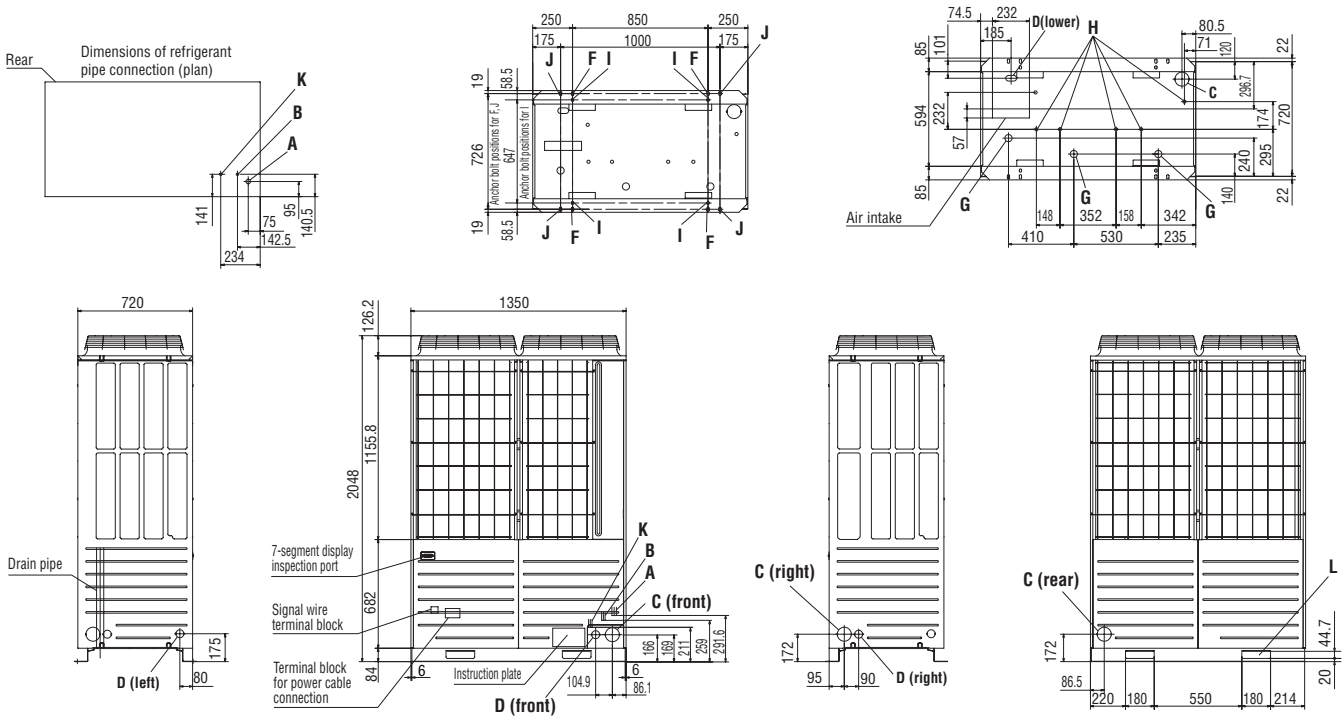
Specifications

Item	Model	FDC960KXE6	FDC1010KXE6	FDC1065KXE6	FDC1130KXE6	FDC1180KXE6	FDC1235KXE6	FDC1300KXE6	FDC1360KXE6		
		Combination (FDC)		450KXE6 504KXE6	504KXE6 504KXE6	504KXE6 560KXE6	560KXE6 560KXE6	560KXE6-K 615KXE6	615KXE6 615KXE6	615KXE6 680KXE6	680KXE6 680KXE6
Nominal horse power		34HP	36HP	38HP	40HP	42HP	44HP	46HP	48HP		
Power source		3 Phase 380-415V, 50Hz									
Nominal capacity	Cooling	kW	96.0	101.0	106.5	113.0	118.0	123.5	130.0	136.0	
	Heating	kW	108.0	113.0	119.5	127.0	132.0	138.0	142.0	146.0	
Electrical characteristics	Starting current	A	16								
	Power consumption	Cooling	kW	27.70	29.46	31.52	33.58	37.16	40.74	45.35	49.96
		Heating	kW	28.22	30.24	31.91	33.58	35.27	36.96	37.56	38.16
	Running current	Cooling	A	45.2-41.3	48.2-44.0	51.5-47.1	54.8-50.2	60.5-55.4	66.2-60.6	73.4-67.2	80.6-73.8
Heating		A	46.9-43.0	50.4-46.2	53.2-48.8	56.0-51.4	58.7-53.8	61.4-56.2	62.3-57.1	63.2-58.0	
Exterior dimensions	HxWxD	mm	2048x2700x720								
Net weight		kg	341+317	341x2				355x2			
Refrigerant charge	R410A	kg	11.5x2								
Refrigerant piping size	Liquid line	mm(in)	ø15.88(5/8")			ø19.05(3/4")					
	Gas line	mm(in)	ø34.92(1 3/8")								
Capacity connection	%		50~160	50~130							
Number of connectable indoor units			69	59	62	66	69	72	76	80	

1. 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. Piping length is 7.5m.
 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Dimensions

All measurements in mm.



Mark	Item	
A	Service valve connection (gas side)	For refrigerant piping, please refer to the unit specifications.
B	Service valve connection (liquid line)	
C	Refrigerant pipe draw-out port	ø100
D	Power cable draw-in port	ø50
F	Anchor bolt hole	M10 x 4 places
G	Drain hose hole	ø45.3 x 3 places
H	Drain discharge port	ø20.5 x 3 places
K	Oil-equalising pipe joint	ø9.52 flare
L	Sling holes for haulage or hoisting	180 x 44.7

Notes:

- (1) The unit must be fixed with anchor bolts.
- (2) Leave a 2m or larger space above the unit.
- (3) The unit name plate is attached on the lower right corner of the front panel.
- (4) The ports for refrigerant pipe and power cable penetrations are covered with half-blanks. Please cut off a half-blank with nippers in using these ports.
- (5) Use a ø88 port for refrigerant pipe connection.
- (6) Anchor holes marked "L J" (four holes for M10) are for a renewal installation.
- (7) The oil-equalising pipe K should be used when outdoor units are used in combination.