

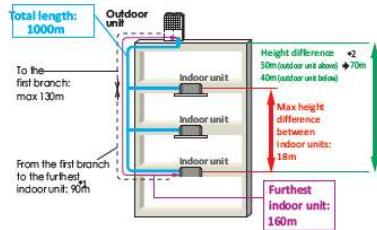
# KXZ Outdoor units

## Heat pump systems 10, 12HP (28.0kW, 33.5kW)

Model No.	Nominal Cooling Capacity
FDC280KXZE1	28.0kW (Optional)
FDC335KXZE1	33.5kW



- The KXZ 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 29 indoor units/up to 130% capacity.
- High efficiency with COP 3.9 & above.
- KXZ employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m



\*1 The difference between the longest and the shortest indoor unit piping from the first branch must be within 40m. (MAX85m)  
 \*2 In case of height difference up to 70m, please contact your dealer. Height difference up to 90m is possible with High Head series.



## Specifications

Item	Model	*FDC280KXZE1	FDC335KXZE1
Nominal horse power		10HP	12HP
Power source		3 Phase 380-415V, 50Hz	
Nominal capacity	Cooling	28.0	33.5
	Heating	31.5	37.5
Electrical characteristics	Starting current	A	
	Running current	Cooling 11.9-10.9	14.6-13.4
		Heating 12.0-11.0	14.8-13.5
Exterior dimensions	HxWxD	mm	
Net weight		kg	
Refrigerant charge	R410A	kg	
Sound pressure level	Cooling/Heating	55/57	61/58
Refrigerant piping size	Liquid line	mm[in]	
	Gas line	ø9.52(3/8")	ø12.7(1/2")
		ø22.22(7/8")	ø25.4(1") [ø22.22(7/8")]
Capacity connection	%	50~130	
Number of connectable indoor units		24	29

\* Available on special request.

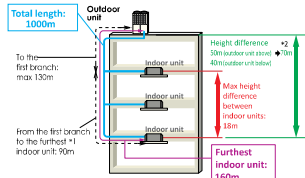


## KXZ Outdoor units

Heat pump systems 14, 16, 18, 20HP (40.0kW~56.0kW)

Model No.	Nominal Cooling Capacity
FDC400KXE1	40.0kW
FDC450KXE1	45.0kW
FDC500KXE1	50.0kW
FDC560KXE1	56.0kW

- The KXZ 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 48 indoor units / upto 130% capacity.
- High efficiency with COP 3.6 & above.
- KXZ employs DC inverter compressors ONLY.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m.



\*1 The difference between the longest and the shortest indoor unit piping from the first branch must be within 40m. (MAX95%)  
 \*2 In case of height difference up to 70m, please contact your dealer. Height difference up to 90m is possible with High Head series.

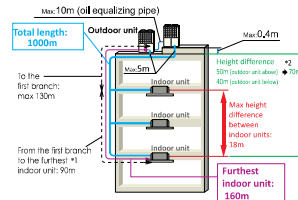


## KX Space Saving Outdoor units

Heat pump systems 22, 24HP (61.5kW, 68.0kW)

Model No.	Nominal Cooling Capacity
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 72 indoor units/up to 160% capacity.
- High efficiency with COP 3.8 & above.
- Industry leading total piping length up to 1000m and a maximum pipe run of 160m



\*1 The difference between the longest and the shortest indoor unit piping from the first branch must be within 40m. (MAX95%)  
 \*2 In case of height difference up to 70m, please contact your dealer. Height difference up to 90m is possible with High Head series.



### Specifications

Item	Model	FDC400KXE1	FDC450KXE1	FDC500KXE1	FDC560KXE1
Nominal horse power		14HP	16HP	18HP	20HP
Power source		3 Phase 380-415V, 50Hz			
Nominal capacity	Cooling	40.0	45.0	50.0	56.0
	Heating	45.0	50.0	56.0	63.0
Electrical characteristics	Starting current	8			
	Running current	Cooling	17.5-16.2	22.4-20.5	22.6-20.7
	Heating	17.5-16.2	20.4-18.7	21.8-20.0	25.8-23.6
Exterior dimensions	HxWxD	2048x1350x720			
Net weight	kg	317			
Refrigerant charge	R410A	11.5			
Sound pressure level	Cooling/Heating	60/62	61/62	61/62	64/66
		e12.7(1/2")			
Refrigerant piping size	Liquid line	e25.4(1")			
	Gas line	e28.58(1 1/8")			
Capacity connection	%	50~130			
Number of connectable indoor units		34	39	43	48

1. The data are measured under the following conditions: 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.

### Specifications

Item	Model	FDC615KXE6	FDC680KXE6
Nominal horse power		22HP	24HP
Power source		3 Phase 380-415V, 50Hz	
Nominal capacity	Cooling	61.5	68.0
	Heating	69.0	73.0
Electrical characteristics	Starting current	8	
	Running current	Cooling	33.1-30.3
	Heating	30.7-28.1	31.6-29.0
Exterior dimensions	HxWxD	2048x1350x720	
Net weight	kg	375	
Refrigerant charge	R410A	11.50	
Refrigerant piping size	Liquid line	e12.7(1/2")	
	Gas line	e28.58(1 1/8")	
Capacity connection	%	50~160	
Number of connectable indoor units		65	72

1. The data are measured under the following conditions: 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.