



## Easy Selection Tool E-solution

E-solution is a design software tool which includes specification details of the latest KX VRF systems. By using E-solution this simplifies the process and enables engineers to select the most cost-effective and energy efficient mix of indoor units, outdoor units, pipework and controls. Engineers must register and download the E-solution software to ensure they are automatically sent updates as they become available and this can be done by simply visiting [www.mhia.com/support-downloads/e-solution](http://www.mhia.com/support-downloads/e-solution)

Furthermore it is also developed to cater for the design of two and three pipe systems and specifies appropriate models and sizes. It also generates wiring diagrams and engineering drawings which can be exported to AutoCAD or saved in PDF format. This flexibility enables engineers to print select design information and comprehensive operation and maintenance manuals for presentations to clients. Engineers can also incorporate design information into their own formats and documents for personalised proposals.



## Micro Outdoor units

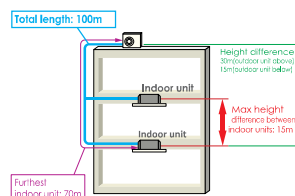
### Heat pump systems 4, 5, 6HP (11.2kW ~ 15.5kW)

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)



Blue Fin

- These 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 4.0 & Above.
- These units employ DC inverter compressors ONLY.
- Industry leading total piping length up to 100m and a maximum pipe run of 70m.



\* The total length of ø9.52mm(3/8") liquid piping must be 50m or less

Note: FDU15KXE6-F and FDT15KXE6-F can not be connected to the above systems.

## Specifications

Item	Model	FDC112KXEN6	FDC140KXEN6	FDC155KXEN6	FDC112KXES6	FDC140KXES6	FDC155KXES6
		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
	Starting current	12.5	16.0	16.3	12.5	16.0	16.3
Electrical characteristics	Running current	13.5-12.4	20.5-18.9	23.3-21.3	5	4.5-4.1	6.9-6.3
	Cooling/Heating	14.1-12.9	21.5-19.7	21.9-20.1	4.7-4.3	7.2-6.6	7.8-7.1
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
Refrigerant piping size	Liquid line	ø9.52(3/8")					
	Gas line	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 (D41). 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.