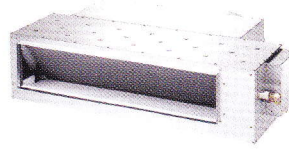
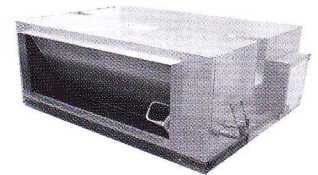


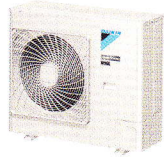
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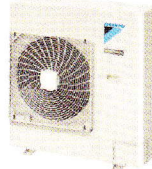
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FDYQN125LA FDYQN160LA



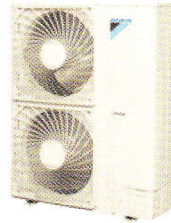
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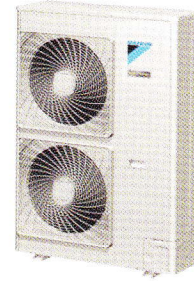
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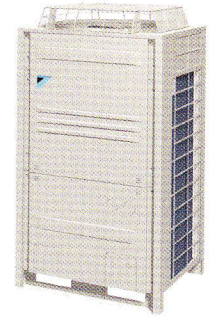
RZQ100L



RZQ125L



RZQ140L
RZQ160L



RZQ180L
RZQ200L
RZQ250L

STANDARD INVERTER (Single & Three Phase)

PRODUCT SPECIFICATION

SINGLE PHASE

THREE PHASE

INDOOR UNIT		FDYQN71LAV1	FDYQN100LAV1	FDYQN125LAV1	FDYQN140LBV1	FDYQN160LAV1	FDYQN180LBV1	FDYQN200LBV1	FDYQN250LBV1
OUTDOOR UNIT		RZQ71LV1	RZQ100LV1	RZQ125LV1	RZQ140LV1	RZQ160LV1	RZQ180LY1	RZQ200LY1	RZQ250LY1
Rated Capacity	Cool (kW)	7.1	10.0	12.5	14.0	15.5	18.0	20.0	23.5
	Heat (kW)	7.5	12.5	15.0	16.5	18.0	20.0	22.4	26.8
Capacity Range	Cool (kW)	3.2-7.1	5.0-10.0	5.7-12.5	6.2-14.0	7.3-15.5	10.8-18.0	12.0-20.0	15.0-23.5
	Heat (kW)	3.5-7.5	5.1-12.5	6.0-15.0	6.2-16.5	7.3-18.0	12.0-20.0	13.4-22.4	16.8-26.8
Power Input [Rated]	Cool (kW)	2.25	3.12	4.14	4.65	4.97	5.88	6.44	7.85
	Heat (kW)	2.29	3.59	4.48	4.48	4.83	6.15	7.00	8.47
E.E.R./C.O.P.	Cool/Heat	3.15/3.27	3.21/3.48	3.02/3.35	3.01/3.68	3.12/3.73	3.06/3.25	3.11/3.20	2.99/3.16
Air flow Rate Rated	l/s	566	814	840	1000	1120	1180	1200	1400
Indoor Sound Level [H] @ 1.5m	dBA	40.5	44	45	48.5	50.5	45.5	44	49.5
Piping Length	[m]	50	75				50		
Indoor Fan Speeds		H/M/L				H/M/L			
Dimensions [HxWxD]	Indoor [mm]	360x1188x869		360x1498x899			500x1230x970		500x1430x970
	Outdoor [mm]	770x900x320	990x940x320	1170x900x320	1430x940x320		1680x930x765		
Weight	Indoor [kg]	47	56	61	61	61	78	86	92
	Outdoor [kg]	64	75	98	108	108	192	192	193
Power Supply	V/Hz	1 Phase, 220-240V, 50Hz				3 Phase, 415v, 50Hz			
Compressor Type		Hermetically Sealed Swing Type			Hermetically Sealed Scroll Type				
Refrigerant Type		R410A							
Pipe Sizes	Liquid [mm]	9.5 [Flared]			9.5 [Brazed]				
	Gas [mm]	15.9 [Flared]			19.1 [Brazed]		22.2 [Brazed]		
	Drain [mm]	ID 25 / OD 32			BSP 3/4 inch Internal Thread				
Supply Air Opening	mm [HxW, Flange]	243x751		243x1152			376x827		376x938
Return Air Opening	mm [Oval]	1x400 [Oval]		2x400 [Oval]			350x918 [Flange]		350x1118 [Flange]
Outdoor Operating Range	Cool [°CDB]	-5 to 46			-5 to 43				
	Heat [°CWB]	-15 to 16			-20 to 16				
EPA Sound Power Level	dBA	66	69	-	-	-	-	-	-
Outdoor Sound Level [H] @ 1m	Pressure dBA [C/H]	49/51	51/53	-	54/56	57/59	57/57	-	60/60

Notes:

i. The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823.1.2

Cooling: Indoor temp: 27°CDB/19°CWB, Outdoor temp: 35°CDB/24°CWB

Heating: Indoor temp: 20°CDB/15°CWB, Outdoor temp: 7°CDB/6°CWB

ii. Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions