



Ducted Systems

INDOOR UNIT	Premium Inverter FDYA71AV	Premium Inverter FDYA85AV1	Premium Inverter FDYA100AV1	Premium Inverter FDYA125AV1	Premium Inverter FDYA140AV1	Premium Inverter FDYA160AV1	Premium Inverter FBA50BAMVA	Premium Inverter FBA60BAMVA	Premium Inverter FBA71BAMVA	Premium Inverter FBA85BVM	Premium Inverter FBA100BVM	Premium Inverter FBA125BVMVA	Premium Inverter FBA140BVMVA	Inverter FBA71BVMVA	Inverter FBA85BVMVA	Inverter FDYA50AV1	Inverter FDYA60AV1	Inverter FDYA71AV1	Inverter FDYA85AV1	Inverter FDYA100AV1	Inverter FDYA125AV1	Inverter FDYA140AV1	Inverter FDYA160AV1									
OUTDOOR UNIT	RZAS71CV1	RZAS85CV1	RZA100CV1	RZA125CV1	RZAS140CV1	RZA160CV1	RZAV50CV1	RZAV60CV1	RZAV71CV1	RZAV85CV1	RZAV100FV1	RZAV125FV1	RZAV140FV1	RZAC71CV1	RZAC85CV1	RZA50CV1	RZA60CV1	RZA71V1	RZA85CV1	RZA100CV1	RZA125V1	RZA140CV1	RZA160CV1									
Rated Capacity	Cool (kW) 7.1 Heat (kW) 7.5	8.5 10	10 12.5	12.5 15	14 16.5	16 18	5 6	6 7.1	7.1 8	8.5 10	10 11.5	12.5 15	14 16.5	7.1 8	8.5 10	5.0 6.0	6.0 7.0	7.1 8.5	8.5 10.0	10.0 12.5	12.5 15.0	14.0 16.5	15.5 18.0									
Capacity Range	Cool (kW) 3.2-8.0 Heat (kW) 3.5-9.0	4.0-10.0 4.1-11.2	5.0-11.2 5.1-14.0	5.0-14.0 5.1-16.0	5.0-16.0 5.1-18.0	7.3-17.0 7.3-20.0	1.4-6.0 1.4-7.1	1.4-7.1 1.4-8.0	3.2-8.0 3.5-9.0	4.0-10.0 4.1-11.2	3.5-11.5 3.5-14.0	3.5-14.0 3.5-16.5	3.5-15.0 3.5-18.0	1.8-8.0 2.0-9.0	3.2-10.0 3.5-11.2	1.4-6.0 1.4-7.1	1.4-7.1 1.4-8.0	1.8-8.0 2.0-9.0	3.2-10.0 3.5-11.2	3.2-11.2 3.5-14.0	4.0-14.0 4.1-16.0	5.0-16.0 5.1-18.0	7.3-16.3 7.3-18.2									
Power Input (Rated)	Cool (kW) 1.9 Heat (kW) 1.75	2.35 2.46	2.61 3.13	3.45 3.8	3.93 4.28	4.85 4.65	1.37 1.41	1.67 1.71	2.02 1.99	2.3 2.5	2.79 2.92	3.68 3.88	4.28 4.52	2.15 2.3	2.64 2.95	1.35 1.62	1.78 1.95	2.20 1.93	2.53 2.80	3.10 3.35	3.94 4.00	4.30 4.50	4.95 4.90									
E.E.R./C.O.P.	C/H	3.74/4.29	3.62/4.07	3.83/3.99	3.62/3.95	3.56/3.86	3.30/3.87	3.65	3.6	3.51	3.7	3.58	3.4	3.27	3.3	3.22	3.70/3.70	3.37/3.59	3.23/3.89	3.36/3.57	3.23/3.73	3.17/3.75	3.26/3.67	3.13/3.67								
Air Flow Rate (Rated)	vs	425/566	580/600	680/800	755/840	900/1000	950/1120	300/250/208		383/325/267		533/450/375		600/508/417		383/325/267	533/450/375	315/370	340/400	425/566	580/600	680/800	755/840	900/1000	950/1120							
Indoor Sound Level (@ 1.5m)	dBA	37.3/40.5	42.0/42.5	42.3/45.0	44.8/46.2	45.9/47.4	47.2/49.6	35.0/33.0/31.0		38.0/35.0/33.0		38.0/35.5/33.0		40.0/37.5/35.0		38.0/35.0/33.0	38.0/35.5/33.0	33.3/35.0	34.1/35.9	37.3/40.5	42.0/42.4	43.5/45.8	44.2/46.5	46.6/47.9	47.9/50.7							
Piping Length	m	75					50 (Equivalent length 70)			75 (Equivalent length 90)			85 (Equivalent length 100)			50 (Equivalent length 70)																
Indoor Fan Speeds		H/M/L											H/M/L																			
Dimensions (HxWxD)	Indoor (mm)	300 x 1210 x 900			360 x 1520 x 935		400 x 1505 x 980			245 x 1000 x 800			245 x 1400 x 800			245 x 1000 x 800		245 x 1400 x 800		300 x 1210 x 900					360 x 1520 x 935							
	Outdoor (mm)	990 x 940 x 320			1430 x 940 x 320					595 x 845 x 300			990 x 940 x 320			870 x 1100 x 460			595 x 845 x 300		990 x 940 x 320			595 x 845 x 300			990 x 940 x 320			1430 x 940 x 320		
Weight (FDYQ)	Indoor (kg)	40	41	46	56	60	60	60	60	37	37	47	47	37	47	37	37	40	40	45	55	55	56									
	Outdoor (kg)	69	78	93	93	93	99	45	69	78	95	95	45	69	45	69	45	45	45	69	69	78	93	99								
Power Supply	V/Hz	1 Phase, 220-240V, 50Hz											1 Phase, 220-240V, 50Hz																			
Compressor Type		Hermetically Sealed Swing Type											Hermetically Sealed Scroll Type																			
Refrigerant		R32											R32																			
Refrigerant Pipe Size	Liq (mm)	15.9 (Flared)					6.4			9.5			6.4 (Flared)					9.5 (Flared)														
	Gas (mm)	12.7 (Flared)					12.7			15.9			12.7 (Flared)					15.9 (Flared)														
	Drain (mm)	ID 25 / OD 32											ID 25 x OD 32, OD 26.0 (Hole)																			
Supply Air Opening	HxW (mm)	185 x 852			243x1152		295 x 1152			185 x 852											245 x 1152											
Return Air Opening	HxW (mm)	1 x 400 (Oval)		2 x 350 (Oval)		2 x 400 (Oval)			1 x 400 (Oval)											2 x 350 (Oval)		2 x 400 (Oval)										
Outdoor Operating Range	Cool (°CDB)	-5 to 50											-5 to 50											-5 to 46								
	Heat (°CWB)	-15 to 16											-15 to 15.5											-15 to 15.5								
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	48/50	52/53	51/53	52/54	54/56	56/58	48/51	48/50	52/53	49/50	50/51	52/53	48/51	51/54	48/51	48/51	48/51	51/54	52/54	53/56	54/56	56/58									
EPA Sound Power Level	Outdoor (dBA)	67	71	70	71	73	75	68	67	71	68	-	-	68	70	68	68	68	70	71	72	73	75									