

TECHNICAL SPECIFICATIONS-INVERTER DUCT HIGH STATIC


R-410A

Parameters		Unit	PA – Packaged Air Conditioners		
UNIT	Capacity	TR	5.5	8.5	11
	Rated Cooling Capacity Full/Half (min~max.)	kW	19.35/9.67 (7.8~20.4)	29.89/14.95 (10.5~31.6)	38.69/19.35 (11.4~41.5)
	Rated Cooling Capacity Full/Half (min~max.)	BTU/Hr	66000/33000 (26760~69600)	102000/51000 (36000~108000)	132000/66000 (39000~141600)
	Actual Capacity	% age	> 90% of Nominal Capacity		
	Power Input	kW	8.1	12.8	16.5
	Power Supply	V/Ph/Hz	415V / 3 PH / 50Hz (AC)		
	Refrigerant	Type	R-410A		
	Operation Range (IDU)	°C	19/14~35/24(DB/WB)		
	High Ambient Operation Range	°C	19°C to 52°C		
IDU	Model Name Indoor Unit		FDKR200AV16	FDKR300AV16	FDKR400AV16
	Casing size (HxWxD)	mm	450 x 1170 x 700	450 x 1660 x 700	470 x 1700 x 940
	Air Flow Rate (High)	CFM	2200	3400	4400
	Fan speed	Nos.	3 (High, Med, Low)		
	ESP (Rated)	(Pa)	50	50	60
	Sound Pressure	(dBA)	51	52	54
	Remote Controller		Wired		
	HE Type		FTHX		
	Weight	Kg.	60	95	123
ODU	Model Name Outdoor Unit		RZR200AY16	RZR300AY16	RZR400AY16
	ODU Shape		Side Discharge		
	ODU Qty.	Nos.	1		
	Casing size(HxWxD)	mm	930 x 1025 x 410	930 x 1200 x 550	930 x 1650 x 620
	Max Total Pipe Length	m	40		
	Max Elevation Height	m	20		
	Stop Valve & Precharge		Yes		
	Protector		HPS & LPS		
	Piping size (Gas)	mm	22.2	28.6	28.6
	Piping size (Liquid)	mm	12.7	12.7	15.9
	Compressor Type/Qty	Nos.	Inverter Scroll / 1		
	In Built Accumulator		Yes		
	HE Type / Coating		FTHX / Precoated Blue fins		
	Weight (Approx)	Kg.	110	165	195