

Ceiling Cassette Split System Air Conditions



PRODUCT

- Low operation noise
- Efficient cooling
- The adoption of the most advanced 3- Dimensional Screw fan
- Fresh air makes life healthier and more comfortable
- Improvement for easy installation and maintenance (only available for small four-way cassette)



CONDENSING UNITS

- Low operation noise
- Convenient installation
- Famous compressor
- Easy maintenance
- Universal design thinking
- Special anti-rust treatment of the plate
- Valve protection cover equipped

CONTROLLER

- Elegant and slim design
- LED display
- Wireless
- 5 Modes Cool/Heat/Auto/Dry/Fan
- Timer setting
- Fan speed selections
- Air flow setting
- Night light function



48



36



24



18



Specifications : 4-way Cassette R-22 50Hz Rev.0

Models		YKCA18FSAADA	YKCA24FSAADA	YKCA36FSAAFA	YKCA48FSAAFA		
Nominal Capacities	Cooling	Btu/h	18000	24000	36000	48000	
		kW	5.3	7.0	10.6	14.1	
		kcal/h	4.536	6.048	9.072	12.096	
		EER	2.32	2.46	2.15	2.85	
	Heating	Btu/h	18500	24700	37100	49500	
		kW	5.420038859	7.23915292	10.87338804	14.51	
		kcal/h	4662	6224.4	9349.2	12.474	
		COP	2.387512047	2.532058734	2.213187063	2.95	
		V/Ph/Hz	208-230/1/60	208-230/1/60	380/3/50	380/3/50	
		Power Consumption	kW	2.27	2.86	4.91	4.91
Running Current	A	11.02	12.84	10.06	10.06		
Refrigerant Type		R22	R22	R22	R22		
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60		
System Operation Control		Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote		
Air flow	Free blow	m ³ /h	860/750	1050/900	1600/1420	1600/1420	
Sound Level		dB(A)	43/40	43/40	46/44	46/44	
Indoor Unit	Fan	Quantity	1	1	1	1	
		Type / Drive	Centrifugal/Direct	Centrifugal/Direct	Centrifugal/Direct	Centrifugal/Direct	
	Material		Plastic	Plastic	Plastic	Plastic	
		Diameter x Length	mm	ø476x110	ø476x110	ø476x110	ø476x110
	Motor	Quantity	1	1	1	1	
		Speed	rpm	690/605	690/605	690/605	690/605
		Max. Starting Current	A	0.56	0.56	0.92	0.92
		Running Current	A	0.47/0.34	0.44/0.57	0.70/0.59	0.70/0.59
		Input Power	W	90/74	136/125	152/136	152/136
		Output Power	W	54	55	55	56
Capacitor		mF	3.5	3.5	3.5	3.5	
Protector			Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	
Insulation Class / IP Rating		B/PX0	B/PX0	B/PX0	B/PX0		
Coil	Material		Inner Groove Copper tube				
		Diameter	mm	7	7	7	7
	Type / Material		Hydrophilic AL	Hydrophilic AL	Hydrophilic AL	Hydrophilic AL	
		Row		2	2	2	2
Fin per inch		19	19	19	19		
	Face Area	m ²	0.245	0.248	0.328	0.328	
Air Filtration	Quantity		1	1	1	1	
	Material		Nylon Fiber	Nylon Fiber	Nylon Fiber	Nylon Fiber	
Dimension (HxWxD)	mm	5x505x505	5x505x505	5x505x505	5x505x505		
	Condensate Drainage (O.D)	mm	32	32	32	32	
Dimension	Unit (HxWxD)	mm	240x840x840	240x840x840	310x840x840	310x840x840	
		Packing (HxWxD)	mm	260x955x955	260x955x955	325x955x955	325x955x955
	Panel	Unit (HxWxD)	mm	40x950x950	40x950x950	40x950x950	40x950x950
		Packing (HxWxD)	mm	145x1030x1030	145x1030x1030	145x1030x1030	145x1030x1030
Weight	Net	kg	36	36	40	40	
		Gross	kg	45	45	50	50
	Panel	Net	kg	6	6	6	6
		Gross	kg	11	11	11	11
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	380/3/50	380/3/50		
Refrigerant Charge (CLHP)		1150/1800	1400/2500	2200/4300	2200/4300		
Air flow	m ³ /h	2020	3000	5000	5000		
Sound Level		dB(A)	52	52	57	57	
Outdoor Unit	Fan	Quantity	1	1	1	1	
		Type / Drive	Procelier	Procelier	Procelier	Procelier	
	Material		Plastic	Plastic	Plastic	Plastic	
		Diameter	mm	460	460	460	460
	Motor	Quantity	1	1	1	1	
		Speed	rpm	700	800	815	815
		Max. Starting Current	A	0.6	0.95	0.86	0.86
		Running Current	A	0.45	0.7	0.68	0.68
		Input Power	W	97	153	148	148
		Output Power	W	53	53	65	65
Capacitor		mF	2.5	4	3.5	3.5	
Protector			Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	
Insulation Class / IP Rating		B/PX4	B/PX4	B/PX4	B/PX4		
Compressor	Type		Rotary	Scroll	Scroll	Scroll	
		Oil Charge	cc	600	1120	1800	1800
	Capacitor	mF	45	45	-	-	
	Max. Starting Current	A	56	32	57	57	
	Running Current	A	10.1	11.5	8	8	
	Input Power	kW	2.075	2.57	4.465	4.465	
	Protector		Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	Inner Thermal Overload Protection	
	Vibration Isolator		Rubber Gasket	Rubber Gasket	Rubber Gasket	Rubber Gasket	
	Coil	Material		Inner Groove Copper tube			
			Diameter	mm	9.53	9.53	9.53
Type / Material			Unhydrophilic AL / Hydrophilic AL	Unhydrophilic AL / Hydrophilic AL	Unhydrophilic AL	Unhydrophilic AL	
		Row		2	2	2	2
Fin per inch		15	17	15	15		
	Face Area	m ²	0.511	0.69	0.87	0.87	
Dimension	Unit (HxWxD)	mm	695x845x335	860x895x330	1245x940x360	1245x940x360	
	Packing (HxWxD)	mm	395x965x847	495x972x987	435x1020x1370	435x1020x1370	
Weight (CLHP)	Net	kg	52/55	68/74	110	110	
	Gross	kg	57/60	75/82	115	115	
Piping	Type		Flare + Nuts	Flare + Nuts	Flare + Nuts	Flare + Nuts	
		Gas side	inch	1/2	3/8	3/4	3/4
	Liquid side	inch	1/4	3/8	1/2	1/2	
	Max. Refrigerant pipe length	m	20	20	20	20	
Max. Difference in level	m	10	10	10	10		

Remarks: The above design and specifications are subject to change without prior notice for product improvement.

Rating Conditions	Cooling	Heating
Indoor Temperature	27°C DB/19°C WB	20°C DB/15°C WB
Outdoor Temperature	35°C DB/24°C WB	7°C DB/5°C WB

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