

## CEILING CONCEALED AIR-CONDITIONER

Enter a fresher world with Fujiaire's high performance ceiling concealed type air-conditioner.



*Your World Made Cooler*

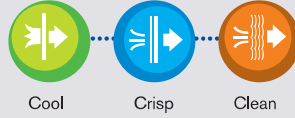
 **FUJIAIRE**  
AIR - C O N D I T I O N E R S

## SPECIFICATIONS



1.0 hp to 6.0 hp

To provide full fresh coolness and circulation to every corner.



Cool

Crisp

Clean

- All specifications are subject to change by the manufacturer without prior notice.
- Performance of the unit varies according to the type of compressor used.
- Conditions :

Cooling Capacity : Entering air temperature 26.7°C (DB), 19.4°C (WB);  
Evaporating temperature 7°C, Ambient temperature 35°C.  
Nominal Air Flow : Under dry coil condition; Fan speed high.

\*Optional Accessories : Air Filter, Controllers



### FUJIAIRE DUCTED SPLIT TYPE AIR CONDITIONING

MODEL		Indoor Unit	FCA10CA	FCA15CA	FCA20CA	FCA25CA	FCA30CA	FCA40CA	FCA50CA	FCA60CA		
		Outdoor Unit	FLA10C1A	FLA13C1A	FLA20C1A	FLA25C1A	FC-3016	FLA40C1A	FLA50C1A	FLA60C1A		
Nominal Cooling Capacity		Btu/hr	10,000	13,000	20,000	25,000	30,000	40,000	50,000	60,000		
		kW	2.93	3.81	5.86	7.33	8.79	11.72	14.65	17.58		
Nominal Total Power Input		W	900	1,230	1,960	2,511	3,200	4,000	4,720	5,750		
Nominal Running Current		A	3.8	5.5	9.1	12.2	14.8	7.2	8.1	9.6		
Power Source	E.E.R (Cooling)	V / Ph / Hz	220-240 / 1 / 50					380-415 / 3 / 50				
Energy Efficiency Ratio		Btu/hr.W	11.11	10.57	10.20	9.96	9.38	10.00	10.59	10.43		
Refrigerant Type / Control		Type	R22 / Capillary Tube (Outdoor)					R22 / Accurator				
Compressor		Type	Rotary					Scroll				
External Static Pressure		in Wg / Pa	0.24 / 60	0.24 / 60	0.24 / 60	0.32 / 80	0.32 / 80	0.4 / 100	0.4 / 100	0.4 / 100		
Indoor Air Flow		High	CFM (CMH)	300 (510)	412 (700)	600 (1,020)	800 (1,360)	964 (1,640)	1250 (2124)	1600 (2718)	2000 (3398)	
		Medium	CFM (CMH)	229 (390)	288 (490)	482 (820)	647 (1,100)	800 (1,360)	1000 (1699)	1280 (2175)	1600 (2718)	
		Low	CFM (CMH)	165 (280)	206 (350)	417 (710)	500 (850)	647 (1,100)	750 (1274)	960 (1631)	1200 (2039)	
Noise Level at Air Outlet		High	dBA	38	36	41	40	42	62	67	62	
		Medium	dBA	33	31	39	38	39	57	62	57	
		Low	dBA	28	26	33	32	34	50	55	50	
Outdoor Noise Level		dBA	49	54	55	56	58	60	60	60		
Evaporator Coil		Type	Cross Finned Tube									
		Row/FPI	3/12	3/12	3/13	3/12	3/12	3/14	4/12	3/14		
Condenser Coil		Type	Slit Fin									
Blower Fan		Type	Centrifugal fan (Forward-curved galvanized steel fan wheels)									
		pc(s)	1	2	2	3	3	1	1	2		
Blower Motor		Type	Permanent split capacitor motor with ball bearing									
		Qty	mm	1	1	1	2	2	1	1	2	
		Rated Running Current	60 Pa (0.24" wg)	Amp.	0.32	0.41	0.72	-	-	-	-	-
			80 Pa (0.32" wg)	Amp.	-	-	-	2 x 0.64	2 x 0.68	-	-	-
			100 Pa (0.40" wg)	Amp.	-	-	-	-	-	1.53	3.32	2 x 1.53
		Rated Input Power	60 Pa (0.24" wg)	W	69	83	149	-	-	-	-	-
			80 Pa (0.32" wg)	W	-	-	-	2 x 108	2 x 119	-	-	-
			100 Pa (0.40" wg)	W	-	-	-	-	-	325	738	2 x 325
		Rated Output Power	60 Pa (0.24" wg)	W	30	33	72	-	-	-	-	-
80 Pa (0.32" wg)	W		-	-	-	2 x 49	2 x 55	-	-	-		
100 Pa (0.40" wg)	W		-	-	-	-	-	200	303	2 x 200		
Piping Connection		Type	Flare Valve									
		Liquid	inch (mm)	1/4" ( 6.35)	1/4" ( 6.35)	1/4" ( 6.35)	3/8" ( 9.52)	3/8" ( 9.52)	3/8" ( 9.52)	3/8" ( 9.52)	3/8" ( 9.52)	
		Gas	inch (mm)	3/8" (9.52)	1/2" ( 12.70)	1/2" ( 12.70)	5/8" ( 15.88)	5/8" ( 15.88)	3/4" (19.05)	3/4" (19.05)	3/4" (19.05)	
Net Dimension		Indoor	Width	mm	794	994	1,104	1,394	1,524	980	980	1,230
			Depth	mm	364	364	364	364	364	647	647	647
			Height	mm	260	260	260	260	260	442	442	442
		Outdoor	Width	mm	700	795	850	872	900	1,000	1,000	911
			Height	mm	500	540	606	700	841	995	995	1,335
			Depth	mm	225	272	306	319	336	347	347	350
Packing Dimension		Indoor	Width	mm	857	1,057	1,167	1,457	1,587	1,040	1,040	1,330
			Depth	mm	380	380	380	380	380	780	780	780
			Height	mm	277	277	277	277	277	530	530	530
		Outdoor	Width	mm	825	920	995	990	1,030	1,150	1,150	965
			Height	mm	550	595	690	780	960	1,120	1,120	1,445
			Depth	mm	320	335	415	410	440	475	475	402
Net/Gross Weight		Indoor	kg	22/23	26/28	30/32	41/44	44/47	63/78	66/81	84/104	
		Outdoor	kg	25/29	30/34	40/45	53/60	79/82	92/100	94/102	99/110	