

CEILING UNIVERSAL & CEILING CONCEALED SPLIT AIR-CONDITIONER

YOUR WORLD MADE COOLER



CEILING UNIVERSAL SPLIT TYPE (R410A, COOLING/HEATING)

Model	Indoor Unit Outdoor Unit	FE20H9C-2A1N FL20H9C-2A1B	FE25H9C-2A1N FL25H9C-2A1B	FE36H9C-2A1N FL36H9C-2A1B	FE40H9C-2A1N FL40H9C-2E1B	FE50H9C-2A1N FL50H9C-2E1B	FE60H9C-2A1N FL60H9C-2E1B	
Power Source	V / Ph / Hz	220-240~ / 1 / 50			380-415~ / 3 / 50			
Cooling Capacity	Btu/hr	18,000	24,500	36,000	36,000	48,000	60,000	
	kW	5.3	7.2	10.6	10.6	14.0	17.6	
Heating Capacity	Btu/hr	20,000	27,500	37,200	40,000	53,000	63,200	
	kW	5.8	8.1	10.9	11.7	15.5	18.5	
Cooling	Rated Input Power	W	1,720	2,180	3,520	3,770	4,870	5,710
	Rated Current	A	7.90	10.09	17.00	6.76	8.88	10.42
	E.E.R.	Btu/W.hr	10.47	11.24	10.23	9.55	9.86	10.51
Heating	Rated Input Power	W	1,770	2,500	3,450	3,500	5,130	5,970
	Rated Current	A	8.13	11.59	16.5	6.28	9.33	10.83
	C.O.P.	Btu/W.hr	11.30	11.00	10.78	11.43	10.33	10.59
Control System	Refrigerant / Flow Control	Type	R410A / Capillary Tube (Outdoor)					
	Operating Control	Type	Wireless Remote Control (Wired Controller-Optional)					
Fan Speed	Type	Hi/Me/Lo/Auto	Hi/Me/Lo/Auto	Hi/Me/Lo/Auto	Hi/Me/Lo/Auto	Hi/Me/Lo/Auto	Hi/Me/Lo/Auto	
Compressor	Type	Rotary	Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
Refrigerant Pipe Size	Gas Valve	mm (Inch)	12.70 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")
	Liquid Valve	mm (Inch)	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow	CFM / CMH	500 / 850	700 / 1,200	700 / 1,200	880 / 1,500	1,060 / 1,800	1,060 / 1,800	
Noise Level	Indoor	dB(A) ± 3	34-43	38-46	41-50	41-50	42-51	42-51
	Outdoor	dB(A) ± 3	55	60	60	60	62	62
Net Dimensions (W x H x D)	Indoor	mm ± 5	929 x 205 x 660	1280 x 205 x 660	1280 x 205 x 660	1280 x 205 x 660	1631 x 205 x 660	1631 x 205 x 660
	Outdoor	mm ± 5	800 x 530 x 286	822 x 655 x 302	903 x 857 x 354	903 x 857 x 354	940 x 1366 x 368	940 x 1366 x 368
Packing Dimension (W x H x D)	Indoor	mm ± 5	1010 x 290 x 720	1360 x 290 x 720	1360 x 290 x 720	1360 x 290 x 720	1710 x 290 x 720	1710 x 290 x 720
	Outdoor	mm ± 5	920 x 620 x 400	945 x 725 x 430	1030 x 980 x 410	1030 x 980 x 410	1080 x 1500 x 460	1080 x 1500 x 460
Weight (Net/Gross)	Indoor	kg ± 0.5	25/28	32/37	33/40	33/40	44/52	44/52
	Outdoor	kg ± 0.5	40/43	50/54	72/83	71/81	101/112	102/113
Max. Pipe	Length	m	20	30	50	50	50	50
	Height	m	15	15	30	30	30	30

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Model	Indoor Unit Outdoor Unit	FC20H9C-2A1N FL20H9C-2A1B	FC25H9C-2A1N FL25H9C-2A1B	FC36H9C-2A1N FL36H9C-2A1B	FC40H9C-2A1N FL40H9C-2E1B	FC50H9C-2A1N FL50H9C-2E1B	FC60H9C-2A1N FL60H9C-2E1B	
Power Source	V/Ph/Hz	220-240~ / 1 / 50			380-415~ / 3 / 50			
Cooling Capacity	Btu/hr	18,000	24,500	36,000	36,000	48,000	60,000	
	kW	5.3	7.2	10.6	10.6	14.0	17.6	
Heating Capacity	Btu/hr	20,000	27,500	37,200	40,000	53,000	63,200	
	kW	5.8	8.1	10.9	11.7	15.5	18.5	
Cooling	Rated Input Power	W	1,730	2,390	3,620	3,730	4,870	5,710
	Rated Current	A	7.95	10.37	17.00	6.69	8.88	10.42
	E.E.R.	Btu/W.hr	10.40	10.25	9.94	9.65	9.86	10.51
Heating	Rated Input Power	W	1,790	2,350	3,590	3,500	5,130	6,000
	Rated Current	A	8.22	10.89	16.50	6.28	9.33	10.88
	C.O.P.	Btu/W.hr	11.17	11.70	10.36	11.43	10.33	10.53
Control System	Refrigerant / Flow Control	Type	R410A / Capillary Tube (Outdoor)					
	Operating Control	Type	Wired Controller (Wireless Remote Control -Optional)					
Fan Speed	Type	Hi/Me/Lo/Auto						
Static Pressure	Pa	50/80						
Compressor	Type	Rotary	Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
Refrigerant Pipe Size	Gas Valve	mm (inch)	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")
	Liquid Valve	mm (inch)	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow	CFM / CMH	590 / 1,000	825 / 1,400	1,180 / 2,000	1,180 / 2,000	1,180 / 2,000	1,650 / 2,800	
Noise Level	Indoor	dB(A)±3	35-44	38-47	41-50	41-50	44-53	44-53
	Outdoor	dB(A)±3	55	60	60	60	62	62
Net Dimensions (WxHxD)	Indoor	mm±5	890 x 290 x 785	890 x 290 x 785	890 x 290 x 785	890 x 290 x 785	1250 x 290 x 785	1250 x 290 x 785
	Outdoor	mm±5	800 x 530 x 286	822 x 655 x 302	903 x 857 x 354	903 x 857 x 354	940 x 1366 x 368	940 x 1366 x 368
Packing Dimensions (WxHxD)	Indoor	mm±5	1100 x 360 x 870	1100 x 360 x 870	1100 x 360 x 870	1100 x 360 x 870	1460 x 360 x 870	1460 x 360 x 870
	Outdoor	mm±5	920 x 620 x 400	945 x 725 x 430	1030 x 980 x 410	1030 x 980 x 410	1080 x 1500 x 460	1080 x 1500 x 460
Weight (Net/Gross)	Indoor	kg±0.5	34/40	36/42	36/42	36/42	52/59	52/59
	Outdoor	kg±0.5	40/43	50/54	72/83	71/81	101/112	102/113
Max. Pipe	Length	m	20	30	50	50	50	50
	Height	m	15	15	30	30	30	30

* All specifications are subjected to change by the manufacturer without prior notice.

* Performance of the unit varies according to the type of compressor used.

* Nominal cooling & heating capacities are based on the following conditions:

Cooling: 27°C DB / 19°C WB Indoors 35°C DB / 24°C WB Outdoors Heating: 20°C DB / 15°C WB Indoors 7°C DB / 6°C WB Outdoors