

Winter Series

Floor standing air conditioner

During any kind of environments,our winter floor standing will take care of your soft conditions and sweet protection.



Self cleaning



AUTO Restart



100% Cooper



Remote Air Supply



dehumidification



Anti cold wind



Commercial and residential



High efficiency compressor



Floorstanding Split Type (Heat-Pump)

Model		Indoor Unit Outdoor Unit	FF20HMB-2A1N FL20HMB-2A1B	FF25HMB-2A1N FL25HMB-2A1B	FF30HMB-2A1N FL30HMB-2A1B	FF36HMB-2A1N FL36HMB-2A1B
Power Source		V / Ph / Hz	220-240~ / 1 / 50			
Cooling Capacity		Btu/hr	18,000	24,000	29,700	36,000
		kW	5.3	7.0	8.7	10.5
Heating Capacity		Btu/hr	18,500	24,300	30,900	37,900
		kW	5.4	7.1	9.1	11.1
Cooling	Rated Input Power	W	1,695	2,385	3,165	3,804
	Rated Current	A	7.9	11.1	14.7	17.7
	E.E.R.	Btu/W.hr	10.68	10.06	9.58	9.94
Heating	Rated Input Power	W	1,630	2,354	3,158	3,814
	Rated Current	A	7.6	10.9	14.6	17.8
	C.O.P.	Btu/W.hr	11.25	10.90	9.95	10.74
Control System	Refrigerant / Flow Control	Type	R410A / Outdoor Capillary Tube			
	Operating Control	Type	Wireless Remote Controller & Panel Controller			
Fan Speed Type		Type	Hi/Me/Lo/Auto			
Compressor		Type	Rotary	Rotary	Rotary	Rotary
Refrigerant Pipe Size	Gas Valve	mm (Inch)	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid Valve	mm (Inch)	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow		CFM	647	736	765	1,177
		CMH	1,100	1,250	1,300	2,000
Noise Level	Indoor	dB(A) ± 3	≤49	≤50	≤50	≤51
	Outdoor	dB(A) ± 3	50	55	60	62
Net Dimensions (W x H x D)	Indoor	mm ± 5	510 x 1787 x 331	510 x 1787 x 331	510 x 1787 x 331	589 x 1938 x 409
	Outdoor	mm ± 5	800 x 555 x 290	825 x 655 x 305	900 x 700 x 337	950 x 850 x 355
Packing Dimension (W x H x D)	Indoor	mm ± 5	620 x 1885 x 410	620 x 1885 x 410	620 x 1885 x 410	635 x 2035 x 490
	Outdoor	mm ± 5	900 x 620 x 400	933 x 715 x 422	1020 x 755 x 430	1080 x 950 x 480
Net Weight	Indoor	kg ± 0.5	43	45	46	63
	Outdoor	kg ± 0.5	37	49	59	66
Gross Weight	Indoor	kg ± 0.5	51	53	54	72
	Outdoor	kg ± 0.5	41	54	65	72

Model		Indoor Unit Outdoor Unit	FF42HMB-2A1N FL42HMB-2E1B	FF45HMB-2A1N FL45HMB-2E1B	FF50HMB-2A1N FL50HMB-2E1B	FF60HMB-2A1N FL60HMB-2E1B
Power Source		V / Ph / Hz	380 / 3 / 50			
Cooling Capacity		Btu/hr kW	42,000 12.3	46,000 14.0	47,800 14.0	58,000 17.0
Heating Capacity		Btu/hr kW	42,700 12.5	48,000 14.6	49,800 14.6	59,700 17.5
Cooling	Rated Input Power	W	4,540	5,205	5,225	6,415
	Rated Current	A	9.3	10.5	10.7	12.9
	E.E.R.	Btu/W.hr	9.94	9.81	9.81	9.69
Heating	Rated Input Power	W	4,345	5,233	5,233	6,387
	Rated Current	A	8.9	10.8	10.8	12.8
	C.O.P.	Btu/W.hr	10.74	9.88	9.88	9.84
Control System	Refrigerant / Flow Control Operating Control	Type Type	R410A / Outdoor Capillary Tube Wireless Remote Controller & Panel Controller			
Fan Speed Type		Type	Hi/Me/Lo/Auto			
Compressor		Type	Rotary	Rotary	Rotary	Rotary
Refrigerant Pipe Size	Gas Valve	mm (Inch)	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
	Liquid Valve	mm (Inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow		CFM CMH	1,177 2,000	1,265 2,150	1,265 2,150	1,265 2,150
Noise Level	Indoor	dB(A) ± 3	≤51	≤52	≤52	≤52
	Outdoor	dB(A) ± 3	64	64	64	65
Net Dimensions (W x H x D)	Indoor	mm ± 5	589 x 1938 x 409	589 x 1938 x 409	589 x 1938 x 409	589 x 1938 x 409
	Outdoor	mm ± 5	940 x 1265 x 360	940 x 1265 x 360	940 x 1265 x 360	940 x 1265 x 360
Packing Dimension (W x H x D)	Indoor	mm ± 5	635 x 2035 x 490	635 x 2035 x 490	635 x 2035 x 490	635 x 2035 x 490
	Outdoor	mm ± 5	1060 x 1385 x 435	1060 x 1385 x 435	1060 x 1385 x 435	1060 x 1385 x 435
Net Weight	Indoor	kg ± 0.5	64	66	66	67
	Outdoor	kg ± 0.5	80	89	89	89
Gross Weight	Indoor	kg ± 0.5	73	76	76	77
	Outdoor	kg ± 0.5	90	99	99	99

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

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

Cooling: 27°C DB / 19°C WB Indoor, 35°C DB / 24°C WB Outdoor ; Heating: 20°C DB / 15°C WB Indoor, 7°C DB / 6°C WB Outdoor

* Sound Pressure Level is measured in sound room. Somehow during actual operation, the result will be higher as a result of ambient condition.

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High-value, pure white classic



Fast running in 3seconds

The fast response control system matches the large air volume to ensure that it can quickly enter the normal working state after starting up, and try to meet the user's heating and cooling purpose.



15m long-distance air flow

Long-distance and large-angle air supply in all directions up, down, left, and right, giving users a comfortable and comfortable feeling.



SPECIFICATIONS

Floorstanding Split Type (Cooling Only)

Model		Indoor Unit	FF20CMB-2A1N	FF25CMB-2A1N	FF30CMB-2A1N	FF36CMB-2A1N
		Outdoor Unit	FL20CMB-2A1B	FL25CMB-2A1B	FL30CMB-2A1B	FL36CMB-2A1B
Cooling Capacity		Btu/hr	18,000	24,000	30,000	36,000
		kW	5.3	7.0	8.8	10.5
Power Source		V / Ph / Hz	220-240~ / 1 / 50			
Cooling	Rated Input Power	W	1,695	2,385	3,165	3,804
	Rated Current	A	7.90	11.10	14.70	17.70
Energy Efficiency Ratio	E.E.R. (Cooling)	Btu/W.hr	10.62	10.06	9.48	9.46
Control System	Refrigerant / Flow Control	Type	R410A / Outdoor Capillary Tube			
	Operating Control	Type	Wireless Remote Controller & Panel Controller			
Fan Speed Type		Type	Hi/Me/Lo/Auto			
Compressor		Type	Rotary	Rotary	Rotary	Rotary
Refrigerant Pipe Size	Gas Valve	mm (Inch)	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid Valve	mm (Inch)	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow		CFM	647	736	765	1,177
		CMH	1,100	1,250	1,300	2,000
Noise Level	Indoor	dB(A) ± 3	≤49	≤50	≤50	≤51
	Outdoor	dB(A) ± 3	50	55	60	62
Net Dimensions (W x H x D)	Indoor	mm ± 5	510 x 1787 x 331	510 x 1787 x 331	510 x 1787 x 331	589 x 1938 x 409
	Outdoor	mm ± 5	800 x 555 x 290	825 x 655 x 305	900 x 700 x 337	950 x 850 x 355
Packing Dimension (W x H x D)	Indoor	mm ± 5	620 x 1885 x 410	620 x 1885 x 410	620 x 1885 x 410	635 x 2035 x 490
	Outdoor	mm ± 5	900 x 620 x 400	933 x 715 x 422	1020 x 755 x 430	1080 x 950 x 480
Net Weight	Indoor	kg ± 0.5	43	45	46	63
	Outdoor	kg ± 0.5	37	49	59	66
Gross Weight	Indoor	kg ± 0.5	51	53	54	72
	Outdoor	kg ± 0.5	41	54	65	72

Model		Indoor Unit	FF42CMB-2A1N	FF45CMB-2A1N	FF50CMB-2A1N	FF60CMB-2A1N
		Outdoor Unit	FL42CMB-2E1B	FL45CMB-2E1B	FL50CMB-2E1B	FL60CMB-2E1B
Cooling Capacity		Btu/hr	42,000	46,000	48,000	60,000
		kW	12.3	12.3	14.1	17.6
Power Source		V / Ph / Hz	380 / 3 / 50			
Cooling	Rated Input Power	W	4,540	5,205	5,225	6,415
	Rated Current	A	9.30	10.50	10.70	12.90
Energy Efficiency Ratio	E.E.R. (Cooling)	Btu/W.hr	9.25	8.84	9.19	9.35
Control System	Refrigerant / Flow Control	Type	R410A / Outdoor Capillary Tube			
	Operating Control	Type	Wireless Remote Controller & Panel Controller			
Fan Speed Type		Type	Hi/Me/Lo/Auto			
Compressor		Type	Rotary	Rotary	Rotary	Rotary
Refrigerant Pipe Size	Gas Valve	mm (Inch)	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
	Liquid Valve	mm (Inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Air Flow		CFM	1,177	1,265	1,265	1,265
		CMH	2,000	2,150	2,150	2,150
Noise Level	Indoor	dB(A) ± 3	≤51	≤52	≤52	≤52
	Outdoor	dB(A) ± 3	64	64	64	65
Net Dimensions (W x H x D)	Indoor	mm ± 5	589 x 1938 x 409	589 x 1938 x 409	589 x 1938 x 409	589 x 1938 x 409
	Outdoor	mm ± 5	940 x 1265 x 360	940 x 1265 x 360	940 x 1265 x 360	940 x 1265 x 360
Packing Dimension (W x H x D)	Indoor	mm ± 5	635 x 2035 x 490	635 x 2035 x 490	635 x 2035 x 490	635 x 2035 x 490
	Outdoor	mm ± 5	1060 x 1385 x 435	1060 x 1385 x 435	1060 x 1385 x 435	1060 x 1385 x 435
Net Weight	Indoor	kg ± 0.5	64	66	66	67
	Outdoor	kg ± 0.5	80	89	89	89
Gross Weight	Indoor	kg ± 0.5	73	76	76	77
	Outdoor	kg ± 0.5	90	99	99	99

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* Nominal cooling capacities are based on the following conditions:
Cooling: 27°C DB / 19°C WB Indoor, 35°C DB / 24°C WB Outdoor
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