

CEILING CASSETTE SPLIT AIR-CONDITIONER

Enter a fresher world with Fujiaire's minimalist designed ceiling cassette split air-conditioner.



Let's go fresh

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

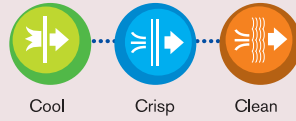


2.0 hp to 5.0 hp

To provide full fresh coolness and circulation to every corner.

SPECIFICATIONS

- All specifications are subject to change by the manufacturer without prior notice.
- Performance of the unit varies according to the type of compressor used.
- Nominal cooling and heating capacities are based on the following conditions:
Cooling: 27°C DB / 19°C WB Indoors Heating: 20°C DB / 15°C WB Indoors
35°C DB / 24°C WB Outdoors 7°C DB / 6°C WB Outdoors



FUJIAIRE CASSETTE TYPE AIR - CONDITIONER (COOLING)

MODEL		INDOOR UNIT	FBT-1212R	FBT-1812R	FBT-2412R	FBT-3012R	FBT-4012RE	FBT-5012RE
		OUTDOOR UNIT	FC-1217	FC-1817	FC-2417	FC-3016	FC-4013ES	FC-5013ES
Cooling Capacity		Btu/h	12,200	18,000	24,000	30,000	40,000	50,000
Power Source		V / ? / Hz	220-240V / 1Φ / 50Hz			380-415V / 3Φ / 50Hz		
Cooling	Rated Input Power	W	1,230	1,895	2,445	3,200	4,000	4,720
	Rated Input Current	A	5.6	8.6	11.5	14.8	7.2	8.1
Control System	Refrigerant/Flow Control	Type	R-22 / Capillary Tube					
	Operating Control	Type	Remote Controller					
Air Filter System		Type	Washable Saran Net					
Temperature Control		Type	Microprocessor I/C Thermostat					
Timer		Type	Real Time					
Fan Speed	Indoor Blower	Step	3 steps & Auto					
	Outdoor Fan	Speed	1					
Compressor		Type	Rotary				Scroll	
Condensing Unit Casing		Type	Electro Galvanized Steel Cabinet With Epoxy Coating					
Refrigerant Pipe Sizes Ø	Gas Valve	" (Inch.)	1/2"		5/8"		3/4"	
	Liquid Valve	" (Inch.)	1/4"			3/8"		
Drain Pipe Sizes Ø		" (Inch.)	1/2"					
Evaporator Coil		Type	Hydrophillic Slit Fin					
		Row / FPI	2/16		2/16		2/17	
Condenser Coil		Type	Slit Fin					
		Row / FPI	1/16	1/17	1/17	2/16		1/22
Air Flow	Indoor Unit	CFM / CMH	330/560	600 / 1020		700 / 1190	1100 / 1870	1200 / 2040
Noise Level	Indoor Unit	dB(A) ± 3	40±3	45 ± 3			49 ± 3	49,000
	Outdoor Unit	dB(A) ± 3	54±3	50 ± 3	52 ± 3	58 ± 3	65 ± 3	65 ± 3
Energy Efficiency Ratio	E.E.R. (Cooling)	Btu/W.h	9.92	9.50	9.82	9.38	10.00	10.59
Net Dimensions Indoor WxHxD	Body	mm ± 5	580x580x275	840x840x280			840x840x336	
	Front Panel	mm ± 5	650x650x30	950x950x50				
Net Dimensions outdoor WxHxD	Outdoor Unit	mm ± 5	795x520x260	850x605x295	880x680x310	900x835x330	1000x1000x350	1000x1000x350
	Indoor Carton	mm ± 5	750x680x380	920x920x310				920x920x375
Packing Dimensions WxHxD	Front Panel Carton	mm ± 5	755X755X105	1010x1010x95				
	Outdoor Carton	mm ± 5	920x595x335	1000x680x410	1000x780x420	1030x960x440	1150x1130x480	1150x1130x480
Motor Output	Blower Motor	W	35		55		75	
	Outdoor Fan Motor	W	35	40	60	60	200	
Net Weight	Indoor Unit	KG ±0.5	25/4		28/5		31/5	
	Outdoor Unit	KG ±0.5	32	43	50	79	89	89
Gross Weight	Indoor Carton	KG ±0.5	27/5		32/7		37/7	
	Outdoor Carton	KG ±0.5	36	44	61	82	102	104

FUJIAIRE CASSETTE TYPE AIR - CONDITIONER (HEAT- PUMP)

MODEL		INDOOR UNIT	FBT-H1212R	FBT-H1812R	FBT-H2412R	FBT-H3012R	FBT-H4012RE	FBT-H5012RE
		OUTDOOR UNIT	FC-1217	FC-H1817	FC-H2417	FC-H3016	FC-H4013ES	FC-H5013ES
Cooling Capacity		Btu/h	12,000	18,000	23,000	30,000	40,000	49,000
Heating Capacity		Btu/h	12,200	18,500	24,000	32,000	44,000	50,000
Power Source		V / ? / Hz	220-240V / 1Φ / 50Hz			380-415V / 3Φ / 50Hz		
Cooling	Rated Input Power	W	1110	1,895	2,445	3,200	4,000	4,720
	Rated Input Current	A	5.5	8.9	11.0	15.0	7.2	8.1
Heating	Rated Input Power	W	1120	2,030	2,150	3,000	3,800	4,570
	Rated Input Current	A	5.6	9.5	10.5	14.0	7.0	7.9
Control System	Refrigerant/Flow Control	Type	R-22 / Capillary Tube					
	Operating Control	Type	LCD Remote Controller					
Air Filter System		Type	Washable Saran Net					
Temperature Control		Type	Microprocessor I/C Thermostat					
Timer		Type	Real Time					
Fan Speed	Indoor Blower	Step	3 Steps & Auto					
	Outdoor Fan	Speed	1					
Compressor		Type	Rotary				Scroll	
Condensing Unit Casing		Type	Electro Galvanized Steel Cabinet With Epoxy Coating					
Refrigerant Pipe Sizes Ø	Gas Valve	" (Inch.)	1/2"		5/8"		3/4"	
	Liquid Valve	" (Inch.)	1/4"			3/8"		
Drain Pipe Sizes Ø		" (Inch.)	1/2"					
Evaporator Coil		Type	Hydrophillic Slit Fin					
		Row / FPI	2/16		2/16		2/17	
Condenser Coil		Type	Hydrophillic Slit Fin					
		Row / FPI	1/16	2/16	2/17	2/16		2/22
Air Flow	Indoor Unit	CFM / CMH	330/560	600 / 1020		700 / 1190	1100 / 1870	1200 / 2040
Noise Level	Indoor Unit	dB(A) ± 3	40±3	45 ± 3			49 ± 3	49,000
	Outdoor Unit	dB(A) ± 3	48±3	50 ± 3	52 ± 3	58 ± 3	65 ± 3	65 ± 3
Energy Efficiency Ratio	E.E.R. (Cooling)	Btu/W.h	10.81	9.50	9.41	9.38	10.00	10.38
	COP (Heating)	KLMLL	10.89	9.11	11.16	10.67	11.58	10.94
Net Dimensions Indoor WxHxD	Body	mm ± 5	580x580x275	840x840x280			840x840x336	
	Front Panel	mm ± 5	650x650x30	950x950x50				
Net Dimensions Outdoor WxHxD	Outdoor Unit	mm ± 5	795x520x260	850x605x295	850x605x295	900x835x330	1000x1000x350	1000x1000x350
	Indoor Carton	mm ± 5	750x680x380	920x920x310				920x920x375
Packing Dimensions WxHxD	Front Panel Carton	mm ± 5	755X755X105	1010x1010x95				
	Outdoor Carton	mm ± 5	920x595x335	1000x680x410	1000x680x410	1030x960x440	1150x1110x480	1150x1110x480
Motor Output	Blower Motor	W	35		55		75	
	Outdoor Fan Motor	W	35	40	40	60	200	
Net Weight	Indoor Unit	KG ±0.5	25/4		28/5		31/5	
	Outdoor Unit	KG ±0.5	36	45	46	83	89	89
Gross Weight	Indoor Carton	KG ±0.5	27/5		32/7		37/7	
	Outdoor Carton	KG ±0.5	40	47	51	94	102	104

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