



Cassette With Side Discharge Outdoor R-22 50HZ



Product

- Low noise
- High performance
- High velocity and air flow
- Zero louver angle loss
- Water condensate protection
- Drain pump drives up to 500 mm.
- Advantage duct design for small nearby room
- Wireless remote control
- Wired remote and central control available for option



Controller

- Elegant and slim design
- LCD display
- Wireless 8m-11m transmission
- 5 Operation modes (Auto/Cool/Dry/Heat/Fan)
- Timer ON/OFF setting up to 24Hr
- Temperature control range 17°C-30°C
- Fan speeds selection
- Night light function



Condensing Units

- High efficiency compressor
- Low noise
- Modern design
- Valve protection



YMKFZC(H)018-036BBE-A(B)-X, YMKFZC(H)036-055BBN-B-X(1) R-22 50HZ

Specification: Cassette Match With Side Discharge Outdoor R-22 50HZ

Model	Ymkfzc018-036bbe-a	Ymkfzc018-036bbe-b	Ymkfzc036-055bbn-b	Ymkfzc036-055bbn-b-x(1)	Ymkfzc036-055bbn-b-x(2)	Ymkfzc036-055bbn-b-x(3)	Ymkfzc036-055bbn-b-x(4)
Power supply	220-240V/50	220-240V/50	220-240V/50	220-240V/50	220-240V/50	220-240V/50	220-240V/50
Cooling	Capacity	18000	18000	24000	24000	24000	24000
	Capacity	5.28	5.28	7.03	7.03	7.03	7.03
	Input	1875	1800	2460	2460	2460	2460
	Rated current	8.59	8.45	12.1	12.18	12.18	12.18
Heating	Capacity	18000	18000	24000	24000	24000	24000
	Capacity	5.28	5.28	7.03	7.03	7.03	7.03
	Input	1875	1800	2460	2460	2460	2460
	Rated current	8.59	8.45	12.1	12.18	12.18	12.18
Moisture Removal	1.8	1.8	2.4	2.4	2.4	2.4	
Max. input consumption	2950	2950	3450	3450	3450	3450	
Max. current	15.0	15.0	18	18	18	18	
Starting current	39.4	39.4	50.3	50.3	50.3	50.3	
Compressor	Model	PH5400C064K02	PH5400C064K02	PH4310C064K02	PH4310C064K02	PH4310C064K02	PH4310C064K02
	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Capacity	19960	19960	25449	25449	25449	25449
	Input	1850	1850	2375	2375	2375	2375
	Rated current(RLA)	8.7	8.7	11.6	11.6	11.6	11.6
	Locked rotor Amp(LRA)	33.4	33.4	43.3	43.3	43.3	43.3
	Thermal protector	Internal	Internal	Internal	Internal	Internal	Internal
	Capacitor	50µF/440V/450V	50µF/440V/450V	50µF/440V/450V	50µF/440V/450V	50µF/440V/450V	50µF/440V/450V
	Refrigerant oil	SUNISO-4GS/DNMB6E7 / 7A	SUNISO-4GS/DNMB6E7 / 7A	SUNISO-4GS/DNMB6E7 / 6B	SUNISO-4GS/DNMB6E7 / 6B	SUNISO-4GS/DNMB6E7 / 6B	SUNISO-4GS/DNMB6E7 / 6B
	Indoor fan motor	Model	YDK00-6F	YDK00-6F	YDK00-6E	YDK00-6E	YDK00-6E
Input	950W/270V	950W/270V	1200W/300V	1200W/300V	1200W/300V	1200W/300V	
Capacitor	3µF/450V	3µF/450V	3.5µF/450V	3.5µF/450V	3.5µF/450V	3.5µF/450V	
Speed (Hz/Min)	700/500/400/10	700/500/400/10	1200/1000/800	1200/1000/800	1200/1000/800	1200/1000/800	
Indoor coil	Number of rows	2	2	2	2	2	2
	Tube pitch(a x row pitch)	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Pitch spacing	1.5	1.5	1.5	1.5	1.5	1.5
	Fin material	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
Tube outer dia and type	ø7 inner groove copper tube	ø7 inner groove copper tube	ø7 inner groove copper tube	ø7 inner groove copper tube	ø7 inner groove copper tube	ø7 inner groove copper tube	
Coil length x height x width	1900x108x26.74	1900x108x26.74	1900x108x26.74	1900x108x26.74	1900x108x26.74	1900x108x26.74	
Number of circuits	8	8	8	8	8	8	
Indoor air flow (HRM/Ls)	940796855	940796855	12207010820	12207010820	12207010820	12207010820	
Indoor noise level (HRM/Ls)	420036	420036	479035	479035	479035	479035	
Indoor unit	Body dimension (W*H*D)	840x940x230	840x940x230	840x940x230	840x940x230	840x940x230	840x940x230
	Body packing (W*H*D)	800x900x230	800x900x230	800x900x230	800x900x230	800x900x230	800x900x230
	Panel dimension (W*H*D)	840x940x55	840x940x55	840x940x55	840x940x55	840x940x55	840x940x55
	Panel packing (W*H*D)	800x900x55	800x900x55	800x900x55	800x900x55	800x900x55	800x900x55
	Body Net Gross weight	1035x1035x99	1035x1035x99	1035x1035x99	1035x1035x99	1035x1035x99	1035x1035x99
	Panel Net Gross weight	2400	2400	2400	2400	2400	2400
Outdoor fan motor	Model	YDK00-6H	YDK00-6H	YDK00-6C	YDK00-6C	YDK00-6H	YDK00-6H
	Input	110	110	138	138	138	138
	Capacitor	3µF/450V	3µF/450V	3µF/450V	3µF/450V	3µF/450V	3µF/450V
	Speed	590	590	800	800	800	800
Outdoor coil	Number of rows	2	2	2	2	2	2
	Tube pitch(a x row pitch)	19.2x11.6	21x13.37	19.2x11.6	21x13.37	21x13.37	21x13.37
	Pitch spacing	1.2	1.2	1.2	1.2	1.2	1.2
	Fin type (code)	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
Tube outer dia and type	ø5 inner groove copper tube	ø7 inner groove copper tube	ø5 inner groove copper tube	ø7 inner groove copper tube	ø7 inner groove copper tube	ø5 inner groove copper tube	
Coil length x height x width	852x548x23.2	852x548x23.2	852x548x23.2	852x548x23.2	852x548x23.2	852x548x23.2	
Number of circuits	2	2	2	2	2	2	
Outdoor air flow	2239	2239	2830	2830	2830	2830	
Outdoor noise level	55	55	53	53	53	53	
Outdoor unit	Dimension (W*H*D)	750x282x500	750x282x500	840x308x324	840x308x324	840x308x324	840x308x324
	Packing (W*H*D)	887x305x644	887x305x644	968x750x358	968x750x358	968x750x358	968x750x358
	Net Gross weight	3558	3558	3844	3844	3844	3844
Refrigerant charge	g	1600	1400	1600	2000	2100	2900
Design pressure	MPa	2.610	2.610	2.610	2.610	2.610	2.610
Refrigerant pipe	Liquid side (Gas side)	ø6.4x12.7	ø6.4x12.7	ø6.5x15.9	ø6.5x15.9	ø6.5x15.9	ø6.5x15.9
Max. refrigerant pipe length	m	30	30	30	30	30	30
Max. difference in level	m	15	15	15	15	15	15
Operation temp	°C	17 to 30	17 to 30	17 to 30	17 to 30	17 to 30	17 to 30
Refrigerant type	R22	Cooling: 21~43	Cooling: 21~43, Heating: -5~22	Cooling: 21~43	Cooling: 21~43, Heating: -5~24	Cooling: 21~43	Cooling: 21~43, Heating: -5~24
Refrigerant area	㎡	80115.128	80115.128	47661.15	47661.15	47661.15	47661.15
Qty per 26' 48" HRD	Qty	2~95	2~95	28~47	28~47	28~47	28~47

Remark: The above design and specification 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/6°C WB

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YMKFZC(H)018-036BBE-A(B)-X, YMKFZC(H)036-055BBN-B-X(1) R-22 50HZ

Specification: Cassette Match With Side Discharge Outdoor R-22 50HZ

Model	Ymkfzch018-036bbe-a	Ymkfzch018-036bbe-b	Ymkfzch036-055bbn-b	Ymkfzch036-055bbn-b-x(1)	Ymkfzch036-055bbn-b-x(2)	Ymkfzch036-055bbn-b-x(3)	Ymkfzch036-055bbn-b-x(4)	
Power supply	VPHVMS	380-415/50	380-415/50	380-415/50	380-415/50	380-415/50	380-415/50	
Cooling	Capacity	36000	36000	48000	48000	48000	48000	
	Capacity	10.53	10.53	14.07	14.07	14.07	14.12	
	Input	3060	3765	4855	4820	6041	5217	
	Rated current	6.8	6.28	7.49	9.03	10.07	8.8	
Heating	Capacity	36000	36000	48000	48000	48000	48000	
	Capacity	11.74	11.74	14.66	14.66	14.66	14.71	
	Input	3385	3385	4385	4385	5475	4670	
	Rated current	7.4	6.94	8.15	9.69	10.73	9.4	
Moisture Removal	CFM	3.6	3.6	4.8	4.8	6	6	
	W	4360	4360	5800	5800	7500	7500	
Max. input consumption	A	10.0	10.3	13	13	15	15	
Starting current	A	40	40	50	50	61.1	61.1	
Compressor	Model	4520H-72C2	4520H-72C2	TE80CC02JK	TE80CC02JK	C-5BR165H8A	C-5BR165H8A	
	Type	Scroll	Scroll	Rotary	Rotary	Scroll	Scroll	
	Capacity	48000	48000	60000	60000	60000	60000	
	Input	3000	4000	4500	4500	5000	5000	
	Rated current(HRLA)	A	6.7	7.6	7.5	7.5	8.42	8.42
	Locked rotor Ampt.(RLA)	A	40	60	55	55	61.1	61.1
	Thermal protector	Internal	Internal	External	External	External	External	
	Capacitor	µF	50/50	50/50	50/50	50/50	50/50	50/50
Indoor fan motor	Model	YDK90-6E	YDK90-6E	YDK90-6E	YDK90-6E	YDK90-6E	YDK90-6E	
	Input	165/143/116/100	165/143/116/100	165/143/116/100	165/143/116/100	165/143/116/100	165/143/116/100	
	Capacitor	µF	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	
	Speed (RPM/Min)	rpm	840/706/610/550	840/706/610/550	840/706/610/550	840/706/610/550	840/706/610/550	
Indoor coil	Number of rows	2	2	2	2	2	2	
	Tube pitch(a row pitch)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	
	Fin spacing	mm	1.5	1.5	1.5	1.5	1.5	
	Fin material	mm	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
Indoor air flow (HML/L)	Tube outer dia and type	mm	ø7 inner grooved copper tube	ø7 inner grooved copper tube	ø7 inner grooved copper tube	ø7 inner grooved copper tube	ø7 inner grooved copper tube	
	Coil length x height x width	mm	1680x250x26.74	1680x250x26.74	1680x250x26.74	1680x250x26.74	2080x250x40.11	
	Number of circuits	mm	12	12	12	12	12	
	Indoor noise level (HML/L)	mm	58/44/40	58/44/40	60/44/40	60/44/40	60/44/40	
Indoor unit	Body dimension (W*H*D)	mm	840x440x300	840x440x300	840x440x300	840x440x300	840x440x300	
	Body packing (W*H*F)	mm	840x440x300	840x440x300	840x440x300	840x440x300	840x440x300	
	Panel dimension (W*H*F)	mm	840x440x300	840x440x300	840x440x300	840x440x300	840x440x300	
	Panel packing (W*H*F)	mm	840x440x300	840x440x300	840x440x300	840x440x300	840x440x300	
	Body Net/Gross weight	kg	30/38	30/38	30/38	30/38	30/38	
	Panel Net/Gross weight	kg	5/9	5/9	5/9	5/9	5/9	
Outdoor fan motor	Model	YDK160-4D	YDK160-4D	YDK160-4D	YDK160-4D	YDK160-4D	YDK160-4D	
	Input	W	110	110	200	200	144/140	
	Capacitor	µF	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	3.5/3.5/5.0V	
	Speed	rpm	800	800	840	840	800	
Outdoor coil	Number of rows	2	2	2	2	2	2	
	Tube pitch(a row pitch)	mm	21x13.37	25x4.22	25x4.22	25x4.22	22x19.28	
	Fin spacing	mm	1.4	1.7	1.7	1.7	1.6	
	Fin type (coil)	mm	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
Outdoor air flow	Tube outer dia and type	mm	ø7 inner grooved copper tube	ø8.5 inner grooved copper tube	ø8.5 inner grooved copper tube	ø8.5 inner grooved copper tube	ø8.5 inner grooved copper tube	
	Coil length x height x width	mm	773x388x26.74	761x413x44	868x414x22	868x414x24	837x400x38.1	
	Number of circuits	mm	2	4	2	2	6	
	Outdoor noise level	mm	48/30	49/30	60/30	60/30	60/30	
Outdoor unit	Dimension (W*H*F)	mm	885x313x802	885x313x802	885x313x802	885x313x802	885x313x802	
	Packing (W*H*F)	mm	1043x385x615	1043x385x615	1100x435x1100	1100x435x1100	1032x463x1307	
	Net/Gross weight	kg	78/83	86/90.5	88/92	84/87	102/110	
Refrigerant charge	µ	3200	3200	3200	3200	3200		
	Design pressure	MPa	2.81/0	2.81/0	2.81/0	2.81/0	2.81/0	
Refrigerant pipe	Liquid side / Gas side	mm	ø12.7x19	ø12.7x19	ø12.7x19	ø12.7x19	ø12.7x19	
	Max. refrigerant pipe length	m	50	50	50	50	50	
Operation temp.	Indoor	°C	17 to 30	17 to 30	17 to 30	17 to 30	17 to 30	
	Outdoor	°C	Cooling: 21~43 Heating: 0~24	Cooling: 21~43 Heating: 0~24	Cooling: 21~43	Cooling: 21~43 Heating: 0~24	Cooling: 21~43 Heating: 0~24	
Application area	mm	28/78/62	28/78/62	31/65/76	31/65/76	26/68/68		
Chiller: 20 (HP) (kW)	mm	42.70	42.70	56.83	56.83	64.107		

Remark: The above design and specification 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/6°C WB

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