

R-32 SPECIFICATIONS

OUTDOOR UNIT

Model name			Reverse cycle				
			3MXM52RVMA	4MXM68RVMA	4MXM80RVMA	5MXM100RVMA	
Power supply			1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz				
Max. connected indoor units capacity		kW	9.0	11.0	14.5	15.6	
Casing colour			Ivory white				
Compressor type			Hermetically sealed swing type				
Refrigerant type			R-32				
Outdoor sound pressure level*1	Rated/ Quiet	Cooling	dB(A)	45/43	47/44	48/45	48/46
		Heating		47/45	48/46	49/47	
Outdoor sound power level	H	Cooling	dB(A)	57	59	60	
		Heating		59	60	61	
Dimensions		H x W x D	mm	695 x 930 x 350			990 x 940 x 320
Machine weight			kg	53	56	61	83
Outdoor operating range		Cooling	°CDB	-10 to 46			
		Heating	°CWB	-15 to 18			
Max. piping length			m	50 (total)	60 (total)	70 (total)	80 (total)
Additional charge			g/m	30 (for one room)			
Max. level difference			m	20 (for over 40 m)			
				15 (between indoor and outdoor units) / 7.5 (between indoor units)			

Note: *1. The value to the left of the slash is for rated operation. The value to the right is when using Outdoor Unit Quiet Operation.

INDOOR UNIT

Wall-Mounted Type CTXJ-R Series

Model name				Reverse cycle											
				CTXJ25RVMAW		CTXJ25RVMAS		CTXJ35RVMAW		CTXJ35RVMAS		CTXJ50RVMAW		CTXJ50RVMAS	
Power supply				1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz											
Front panel colour				White		Silver		White		Silver		White		Silver	
Indoor airflow rate	H	Cooling	l/s (cfm)	138 (293)				177 (374)				180 (381)			
		Heating		173 (367)				198 (420)				207 (438)			
Indoor sound pressure level	H/L/SL	Cooling	dB(A)	38/25/21				45/26/22				46/35/32			
		Heating		41/28/21				45/29/22				47/35/32			
Indoor sound power level	H	Cooling	dB(A)	52				59				60			
		Heating		55				59				61			
Fan speed				5 steps, quiet and automatic											
Temperature control				Microcomputer control											
Dimensions		H x W x D		mm		303 x 998 x 212									
Machine weight				kg		12									
Piping connections	Liquid (flare)		mm	ø6.4											
	Gas (flare)			ø9.5				ø12.7							
	Drain			ø16.0											
Heat insulation				Both liquid and gas pipes											

Wall-Mounted Type CTXM-R Series

Model name				Reverse cycle							
				CTXM20RVMA		CTXM25RVMA		CTXM35RVMA		CTXM46RVMA	
Power supply				1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz							
Front panel colour				White							
Indoor airflow rate	H	Cooling	l/s (cfm)	155 (328)		173 (367)		188 (399)		203 (431)	
		Heating		160 (339)		173 (367)		188 (399)		202 (427)	
Indoor sound pressure level	H/L/SL	Cooling	dB(A)	38/25/19		40/25/19		42/26/19		44/35/26	
		Heating		39/28/20		40/28/20		42/29/20		43/33/26	
Indoor sound power level	H	Cooling	dB(A)	52		54		56		58	
		Heating		53		54		56		57	
Fan speed				5 steps, quiet and automatic							
Temperature control				Microcomputer control							
Dimensions		H x W x D		mm		285 x 770 x 223					
Machine weight				kg		9					
Piping connections	Liquid (flare)		mm	ø6.4							
	Gas (flare)			ø9.5				ø12.7			
	Drain			ø16.0							
Heat insulation				Both liquid and gas pipes							

Model name				Reverse cycle									
				CTXM50RVMA		CTXM60RVMA		CTXM71RVMA		CTXM85RVMA		CTXM95RVMA	
Power supply				1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz									
Front panel colour				White									
Indoor airflow rate	H	Cooling	l/s (cfm)	282 (597)		325 (689)		333 (706)		398 (844)		400 (848)	
		Heating		287 (607)		333 (706)		328 (696)		422 (893)		413 (876)	
Indoor sound pressure level	H/L/SL	Cooling	dB(A)	45/35/28		48/36/29		49/37/30		51/40/37		53/42/38	
		Heating		45/33/28		48/33/29		49/35/30		51/38/35		52/38/35	
Indoor sound power level	H	Cooling	dB(A)	59		62		63		65		67	
		Heating		59		62		63		65		66	
Fan speed				5 steps, quiet and automatic									
Temperature control				Microcomputer control									
Dimensions		H x W x D		mm		295 x 990 x 263				340 x 1,200 x 259			
Machine weight				kg		13				17		18	
Piping connections	Liquid (flare)		mm	ø6.4									
	Gas (flare)			ø12.7				ø15.9					
	Drain			ø16.0									
Heat insulation				Both liquid and gas pipes									

Duct-Connected Type CDXP-R and CDXM-R Series

Model name				Reverse cycle						
				CDXP25RVMA	CDXP35RVMA	CDXM25RVMA	CDXM35RVMA	CDXM50RVMA	CDXM60RVMA	CDXM71RVMA
Power supply				1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz						
Indoor airflow rate	H	Cooling	l/s	145 (307)			158 (335)	167 (353)	200 (424)	267 (565)
		Heating		145 (307)			158 (335)	167 (353)	200 (424)	267 (565)
Indoor sound pressure level*1	H/L/SL	Cooling	dB(A)	35/31/29				37/33/31		38/34/32
		Heating		35/31/29				37/33/31		38/34/32
Indoor sound power level	H	Cooling	dB(A)	49			51		52	
		Heating		49			51		52	
Fan speed				5 steps, quiet and automatic						
Temperature control				Microcomputer control						
Dimensions		H x W x D	mm	200 x 700 x 620			200 x 900 x 620		200 x 1,100 x 620	
Machine weight			kg	21			25	27	30	
Piping connections	Liquid (flare)		mm	ø6.4						
	Gas (flare)			ø9.5			ø12.7		ø15.9	
	Drain			VP 20 (Inside diameter ø20, Outside diameter ø26)						
Heat insulation				Both liquid and gas pipes						
External static pressure				30			40			

Note: *1. The values are for the rear-suction inlet of the CDXP-R at an external static pressure of 30 Pa. Values for the bottom-suction inlet can be obtained by adding 6 dB(A).
The values are for the rear-suction inlet of the CDXM-R at an external static pressure of 40 Pa. Values for the bottom-suction inlet can be obtained by adding 5 dB(A).
When a duct-connected type indoor unit with a reduced external static pressure is installed, values for the bottom-suction inlet are higher.

Duct-Connected Type FMA-R Series

Model name				Reverse cycle		
				FMA50RVMA	FMA60RVMA	FMA71RVMA
Power supply				1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz		
Indoor airflow rate	H	Cooling	l/s	300		383
		Heating		300		383
Indoor sound pressure level	H/L	Cooling	dB(A)	35/31		38/33
		Heating		35/31		38/33
Indoor sound power level	H	Cooling	dB(A)	49		52
		Heating		49		52
Fan speed				3 steps		
Temperature control				-		
Dimensions		H x W x D	mm	245 x 1,000 x 800		
Machine weight			kg	37		
Piping connections	Liquid (flare)		mm	ø6.4		
	Gas (flare)			ø12.7		ø15.9
	Drain			VP 25 (Inside diameter ø25, Outside diameter ø32)		
Heat insulation				-		
External static pressure		Rated	Pa	50 (50-150*1)		

Note: *1. External static pressure is changeable in 11 stages by remote controller.

Ceiling-Mounted Cassette Type

Model name				Reverse cycle			
				FFA25RV1A	FFA35RV1A	FFA50RV1A	FFA60RV1A
Power supply				1 phase, 220-240 V, 50 Hz			
Indoor airflow rate	H	Cooling	l/s	150 (318)	167 (353)	200 (424)	250 (530)
		Heating		150 (318)	167 (353)	200 (424)	250 (530)
Indoor sound pressure level	H/L	Cooling	dB(A)	33/27	36/29	38/30	42/34
		Heating		33/27	36/28	38/28	42/34
Indoor sound power level	H	Cooling	dB(A)	46	49	51	55
		Heating		46	49	51	55
Fan speed				2 steps			
Temperature control				Microcomputer control			
Dimensions		H x W x D	mm	286 x 575 x 575			
Machine weight			kg	17.5			
Piping connections	Liquid (flare)		mm	ø6.4			
	Gas (flare)			ø9.5		ø12.7	
	Drain			VP 20 (Inside diameter ø20, Outside diameter ø26)			
Heat insulation				Both liquid and gas pipes			

Measurement conditions

- Cooling operation data is based on the following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 5 m.
 - Heating operation data is based on the following conditions: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; piping length 5 m.
 - Sound pressure levels are measured in an anechoic chamber based on temperature conditions 1 and 2 above.
- These values are normally somewhat higher during actual operation as a result of ambient conditions.

OUTDOOR UNIT

No.	Item	4MKM68R	4MXM68R	4MKM80R	4MXM80R	5MKM100R	5MXM100R
1	Air direction adjustment grille	KPW5E112					
2	Drain plug	KKP937A4*			KKP945A4*		
3	Demand response enabling device	BRP070A46			BRP070A42		

Notes: *1. One set includes five pieces for five units.
*2. One set includes one piece for one unit.

INDOOR UNIT

No.	Item	Wall-Mounted Type			
		CTXJ25/35/50R	CTXM20/25/35/46R	CTXM50/60/71R	CTXM85/95R
1	Wired remote controller *	BRC073A4	BRC073A4*	BRC073A4*	BRC073A4
2	Wired remote controller cord (shielded wire)	BRCW901A03 BRCW901A08			
3	Daikin Mobile Controller	BRP072A42	BRP072A42*	BRP072A42*	BRP072A42
4	Wiring adaptor for time clock / remote controller (Normal open pulse contact / normal open contact) *	KRP413AB1S	KRP413AB1S*	KRP413AB1S*	KRP413AB1S
5	Titanium apatite deodorising filter *	KAF970A46			KAF970A48
6	Dust collection filter	BAFP046A41			BAFP046A41*
7	Wireless remote controller loss prevention with chain	KKF910A4			
8	Remote control PC-board set	—	KRP067A41	KRP980B2	—

Notes: *1. The BRCW901A03 (three metres) or BRCW901A08 (eight metres) wired remote controller cord is also required.*4. The time clock and other devices should be obtained locally.
*2. A remote control PC-board set (KRP067A41) is also required for each indoor unit.
*3. A remote control PC-board set (KRP980B2) is also required for each indoor unit.
*5. The filter is a standard accessory.
*6. Two pieces are required for these models.

No.	Item	Duct-Connected Type			
		CDXP25/35R	CDXM25/35/50R	CDXM60/71R	FMA50/60/71R
1	Wireless remote controller	BRC086A12		BRC086A22*	
	Reverse cycle use	BRC086A11		BRC086A21*	
2	Wireless receiver kit	—			
3	Wired remote controller	BRC073A4*			BRC1E62*
4	Wired remote controller cord (shielded wire)	BRCW901A03 BRCW901A08			
5	Wiring adaptor for time clock / remote controller (Normal open pulse contact / normal open contact) *	KRP413AB1S			
6	Wireless remote controller loss prevention with chain	KKF910A4			
7	Insulation kit for high humidity	KDT25N32	KDT25N50	KDT25N63	—
8	Remote sensor	—			KRCS01-4B
9	High efficiency filter	65%			KAFP632B80
	Reverse cycle use	90%			KAFP633B80
10	Long-life filter	—			KAFP631B80
11	Filter chamber	—			KDDFP63B80
12	Service panel	White			KTBJ25K80W
	Reverse cycle use	Fresh white			KTBJ25K80F
	Reverse cycle use	Brown			KTBJ25K80T
13	Air discharge adaptor	—			KDAP25A71A
14	Shield plate for side plate	—			KDBD63A160

Notes: *1. A wireless receiver kit (BRC086A2R1) is also required for each indoor unit.
*2. The BRCW901A03 (three metres) or BRCW901A08 (eight metres) wired remote controller cord is also required.*4. The time clock and other devices should be obtained locally.
*3. The wiring for the wired remote controller should be obtained locally.

No.	Item	Ceiling-Mounted Cassette Type			
		BYF060B3W1	BRC086A22	BRC086A21	BRC086A2R2
1	Decoration panel	BYF060B3W1			
2	Wireless remote controller	BRC086A22		BRC086A21	
	Reverse cycle use	BRC086A2R2			
3	Wireless receiver kit	BRC086A2R2			
4	Wired remote controller *	BRC1E62			
5	Wireless remote controller loss prevention with chain	KKF910A4			
6	Remote sensor	KRCS01-1B			
7	Sealing member of air discharge outlet	KDBH44BA60			
8	Panel spacer	KDB044BA60A			
9	Replacement long-life filter	KAFQ441BA60			
10	Fresh air intake kit	KDDQ44XA60			

Notes: *1. A wireless receiver kit (BRC086A2R2) is also required for each indoor unit.
*2. The wiring for wired remote controller should be obtained locally.

CONTROL SYSTEM

No.	Item	Wall-Mounted Type				Duct-Connected Type		Ceiling-Mounted Cassette Type
		CTXJ25/35/50R	CTXM20/25/35/46R	CTXM50/60/71R	CTXM85/95R	CDXP-R, CDXM-R	FMA-R	
1	Central remote controller	DCS302CA61*				DCS302CA61		DCS302CA61*
2	Unified On/Off controller	DCS301BA61*				DCS301BA61		DCS301BA61*
3	Schedule timer	DST301BA61*				DST301BA61		DST301BA61*
4	Interface adaptor for DIII-NET use	KRP928BB2S	KRP928BB2S*	KRP928BB2S*	KRP928BB2S		DTA112BA51	
5	Remote control PC-board set	—	KRP067A41	KRP980B2	—		—	

Notes: *1. An interface adaptor for DIII-NET use (KRP928BB2S) is also required for each indoor unit.
*2. An interface adaptor for DIII-NET use (DTA112BA51) is also required for each indoor unit.
*3. A remote control PC-board set (KRP067A41) is also required for each indoor unit.
*4. A remote control PC-board set (KRP980B2) is also required for each indoor unit.