

# SPECIFICATIONS

## New Round Flow Cassette (Cooling Only)



Model Name	Indoor unit		FCMF50ARV16	FCMF71ARV16	FCMF90ARV16	FCMF100ARV16		
	Outdoor unit		RZMF50BRV16	RZMF71BRV16	RZMF90BRV16	RZMF100BRV16		
Remote	Wireless	Optional	BRC4M150W16					
	Signal Receiver Unit - Model Number		BRC7M632F-6					
	Wired	Optional	BRC1E63					
Panel Code	Standard Without Sensing		BYCQ125EAF6					
Power supply			230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph		
Cooling capacity -Rated (min ~max)			kW	5.0 (3.2 ~5.6)	7.1 (3.2 ~8.0)	9.0 (4.5 ~10.1)	10.0 (5.0 ~11.2)	
Power consumption			Cooling-Rated	kW	1.27	1.90	2.42	2.91
Annual Power Consumption			kWh	744.87	1057.11	1365.2	1665.15	
ISEER / Stars			Wh/Wh	5.2	5.2	5.1	4.65	
Indoor unit	Colour		Galvanized Steel Plate					
	Airflow rate (H/HM/M/ML/L)	m <sup>3</sup> /min	23 / 21 / 18.5 / 16 / 13.5		34.5 / 31 / 27.5 / 24 / 20			
		cfm	812/742/653/565/477		1218/1095/971/848/706			
	Sound level (H/HM/M/ML/L)		dB(A)	37 / 34.5 / 32 / 29.5 / 27.5		45 / 41.5 / 38 / 35 / 32.5		
	Dimensions (HXWxD)	Unit	mm	256X840X840		298X840X840		
		Panel	mm	50X950X950				
	Machine weight	Unit	kg	22		25		
Panel		kg	5.5					
Colour			Ivory White					
Outdoor unit	Compressor	Type	Hermetically Sealed Swing Type					
		Motor output	kW	1.3	1.3	1.6	1.6	
	Refrigerant			R32				
	Refrigerant charge		kg	1.09	1.3	2.8	2.8	
	Sound level	Cooling	dB(A)	48	50	51	51	
	Dimensions (HXWxD)		mm	595x845x300	595x845x300	990x940x320	990x940x320	
	Machine weight		kg	36.5	40	57	57	
Certified operation range		°CDB	21 ~ 48					
Piping connections	Liquid (Flare)		mm	9.52				
	Gas (Flare)		mm	15.88				
	Drain		mm	Dia 26 (Hole)				
Max. interunit piping length			m	30	30	50	50	
Max. installation level difference			m	20	20	30	30	

### Note :

1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).
2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
3. Star rating is applicable for single phase units upto a rated cooling capacity of 10,465 Watts as defined by Bureau of Energy Efficiency, Ministry of Power.

## New Round Flow Cassette (Cooling Only)



Model Name	Indoor unit		FCMF125ARV16	FCMF125ARV16	FCMF140ARV16	FCMF140ARV16		
	Outdoor unit		RZMF125BRV16	RZMF125BRV16	RZMF140BRV16	RZMF140BRV16		
Remote	Wireless	Optional	BRC4M150W16					
	Signal Receiver Unit - Model Number		BRC7M632F-6					
	Wired	Optional	BRC1E63					
Panel Code	Standard Without Sensing		BYCQ125EAF6					
Power supply			230V/50Hz/1ph	400V/50Hz/3ph	230V/50Hz/1ph	400V/50Hz/3ph		
Cooling capacity -Rated (min ~max)			kW	12.5 (5.7 ~14.0)	12.5 (5.7 ~14.0)	14.0 (6.2 ~15.5)	14.0 (6.2 ~15.5)	
Power consumption			Cooling-Rated	kW	4.60	4.225	5.80	5.30
Annual Power Consumption			kWh	NA				
ISEER / Stars			Wh/Wh	NA				
Indoor unit	Colour		Galvanized Steel Plate					
	Airflow rate (H/HM/M/ML/L)	m <sup>3</sup> /min	36.5 / 33 / 29 / 25 / 21		1288/1165/1024/883/742			
		cfm	46 / 43 / 40 / 36 / 32.5		298X840X840			
	Sound level (H/HM/M/ML/L)		dB(A)	46 / 43 / 40 / 36 / 32.5		50X950X950		
	Dimensions (HXWxD)	Unit	mm	298X840X840				
		Panel	mm	50X950X950				
	Machine weight	Unit	kg	25		5.5		
Panel		kg	5.5					
Colour			Ivory White					
Outdoor unit	Compressor	Type	Hermetically Sealed Swing Type					
		Motor output	kW	2.4	2.4	2.4	2.4	
	Refrigerant			R32				
	Refrigerant charge		kg	3.1	3.1	3.1	3.1	
	Sound level	Cooling	dB(A)	55	55	55	55	
	Dimensions (HXWxD)		mm	990x940x320	990x940x320	990x940x320	990x940x320	
	Machine weight		kg	69	69	69	69	
Certified operation range		°CDB	21 ~ 48					
Piping connections	Liquid (Flare)		mm	9.52				
	Gas (Flare)		mm	15.88				
	Drain		mm	Dia 26 (Hole)				
Max. interunit piping length			m	50	50	50	50	
Max. installation level difference			m	30	30	30	30	

### Note :

1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).
2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
3. Star rating is applicable for single phase units upto a rated cooling capacity of 10,465 Watts as defined by Bureau of Energy Efficiency, Ministry of Power.

## SPECIFICATIONS (Contd.)

## Round Flow Ceiling Mounted Cassette Type (Cooling Only)



R-32

Model Name	Indoor unit	FCVF50ARV16	FCVF71ARV16	FCVF90ARV16	FCVF100ARV16		
	Outdoor unit	RZVF50BRV16	RZVF71BRV16	RZVF90BRV16	RZVF100BRV16		
Remote	Wireless	Optional					
	Signal Receiver Unit - Model Number		BRC4M150W16				
	Wired	Optional					
Panel Code	Without Sensing	BYCQ125EAF6					
Power supply		230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph		
Cooling capacity -Rated (min ~max)		kW	5.0 (3.2 ~ 5.6)	7.1 (3.2 ~ 8.0)	9.0 (4.5 ~ 10.1)	10.0 (5.0 ~ 11.2)	
Power consumption	Cooling-Rated	kW	1.52	2.235	2.58	3.16	
Annual Power Consumption		kWh	889.62	1264.11	1565.65	1839.63	
ISEER / Stars		Wh/Wh	4.35	4.35	4.45	4.21	
Indoor unit	Colour	Galvanized Steel Plate					
	Airflow rate (H/HM/M/ML/L)	m <sup>3</sup> /min	23 / 21 / 18.5 / 16 / 13.5		34.5 / 31 / 27.5 / 24 / 20		
		cfm	812/742/653/565/477		1218/1095/971/848/706		
	Sound level (H/HM/M/ML/L)	dB(A)	37 / 34.5 / 32 / 29.5 / 27.5		45 / 41.5 / 38 / 35 / 32.5		
	Dimensions (HXWXD)	Unit	mm	256X840X840		298X840X840	
		Panel	mm	50X950X950			
	Machine weight	Unit	kg	22		25	
Panel		kg	5.5				
Colour		Ivory White					
Outdoor unit	Compressor	Type	Hermetically Sealed Swing Type				
		Motor output	kW	1.3	1.3	1.6	1.6
	Refrigerant		R32				
	Refrigerant charge	kg	1.09	1.3	2.8	2.8	
	Sound level	Cooling	dB(A)	48	50	51	51
	Dimensions (HXWXD)		mm	595x845x300	595x845x300	990x940x320	990x940x320
	Machine weight		kg	36.5	40	57	57
Certified operation range		°CDB	21 ~ 48				
Piping connections	Liquid (Flare)	mm	9.52				
	Gas (Flare)	mm	15.88				
	Drain	mm	Dia 26 (Hole)				
Max. interunit piping length		m	30	30	50	50	
Max. installation level difference		m	20	20	30	30	

Note :

1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).
2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
3. Star rating is applicable for single phase units upto a rated cooling capacity of 10,465 Watts as defined by Bureau of Energy Efficiency, Ministry of Power.

## Round Flow Ceiling Mounted Cassette Type (Cooling Only)



R-32

Model Name	Indoor unit	FCVF125ARV16	FCVF125ARV16	FCVF140ARV16	FCVF140ARV16		
	Outdoor unit	RZVF125BRV16	RZVF125BRY16	RZVF140BRV16	RZVF140BRY16		
Remote	Wireless	Optional					
	Signal Receiver Unit - Model Number		BRC4M150W16				
	Wired	Optional					
Panel Code	Without Sensing	BYCQ125EAF6					
Power supply		230V/50Hz/1ph	400V/50Hz/3ph	230V/50Hz/1ph	400V/50Hz/3ph		
Cooling capacity -Rated (min ~max)		kW	12.5 (5.7 ~ 14.0)	12.5 (5.7 ~ 14.0)	14.0 (6.2 ~ 15.5)	14.0 (6.2 ~ 15.5)	
Power consumption	Cooling-Rated	kW	4.70	4.35	5.90	5.50	
Annual Power Consumption		kWh	NA				
ISEER / Stars		Wh/Wh	NA				
Indoor unit	Colour	Galvanized Steel Plate					
	Airflow rate (H/HM/M/ML/L)	m <sup>3</sup> /min	36.5 / 33 / 29 / 25 / 21				
		cfm	1288/1165/1024/883/742				
	Sound level (H/HM/M/ML/L)	dB(A)	46 / 43 / 40 / 36 / 32.5				
	Dimensions (HXWXD)	Unit	mm	298X840X840			
		Panel	mm	50X950X950			
	Machine weight	Unit	kg	25			
Panel		kg	5.5				
Colour		Ivory White					
Outdoor unit	Compressor	Type	Hermetically Sealed Swing Type				
		Motor output	kW	2.4	2.4	2.4	2.4
	Refrigerant		R32				
	Refrigerant charge	kg	3.1	3.1	3.1	3.1	
	Sound level	Cooling	dB(A)	55	55	55	55
	Dimensions (HXWXD)		mm	990x940x320	990x940x320	990x940x320	990x940x320
	Machine weight		kg	69	69	69	69
Certified operation range		°CDB	21 ~ 48				
Piping connections	Liquid (Flare)	mm	9.52				
	Gas (Flare)	mm	15.88				
	Drain	mm	Dia 26 (Hole)				
Max. interunit piping length		m	50	50	50	50	
Max. installation level difference		m	30	30	30	30	

Note :

1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).
2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
3. Star rating is applicable for single phase units upto a rated cooling capacity of 10,465 Watts as defined by Bureau of Energy Efficiency, Ministry of Power.