

FCMF/FCVF-A SERIES

Cooling Only

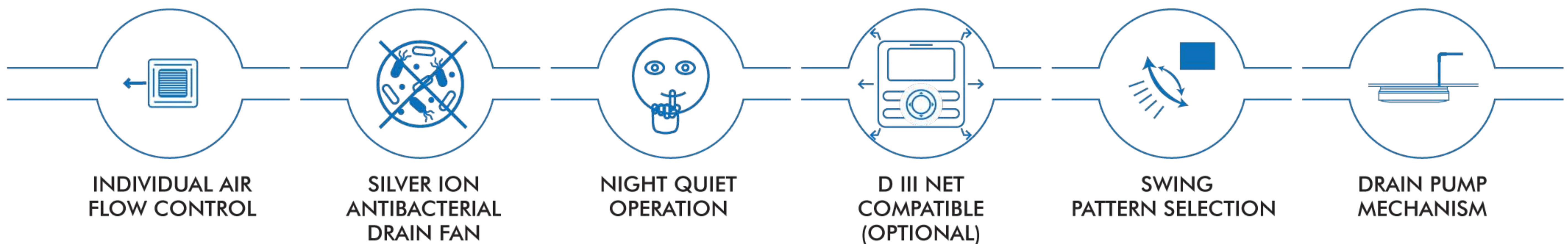


Cassette air conditioner with 360° uniform airflow sets the standard



NEW

FCMF50/71/90/100/125/140 (5 star) with sensing
FCVF-A50/71/90/100/125/140 (4 star) w/o sensing



| | | |
|---------------------|-------------------|----------------|
| FCMF50-140 | 5.0 k W ~ 14.0 kW | (Cooling only) |
| FCVF-A50-140 | 5.0 k W ~ 14.0 kW | (Cooling only) |

NAVIGATION REMOTE CONTROLLER (Wired Remote Controller)

NEW
BRC1E63
 Note: Remote controller cable is not included and must be obtained locally.
 #For individual air flow direction control wired remote BRC1E63 is required

WIRELESS LCD REMOTE CONTROLLER A signal receiver must be added to the indoor unit.

NEW

Signal receiver unit (Installed type)

Wireless remote controller and signal receiver are sold as separate accessories.

BRC7M632F-6
(White)

BRC4M150W16
(White)

PANEL VARIATIONS

1

Standard panel
(Fresh white)
BYCQ125EAF6

2

Standard panel with
sensing (Fresh white)
BYCQ125EEF6

3

Designer panel
(Fresh white)
BYCQ125EAPF

4

Auto grille panel
(Fresh white)
BYCQ125EASF

5

Standard panel
(Black)
BYCQ125EAK

6

Standard panel with
Sensing (Black)
BYCQ125EEK

Panel compatibility:-

FCMF series: **2 4 6**

FCVF-A series: **1 3 4 5**

#A dedicated wireless remote controller is supplied with auto grille panel.
 Note: When opting black panel, wireless remote controller will be BRC7M634K.

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 ³ /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 ³ /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 ³ /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 ³ /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.