



PCXSC14

# Ceiling Cassette E & C Series

R410A & R22



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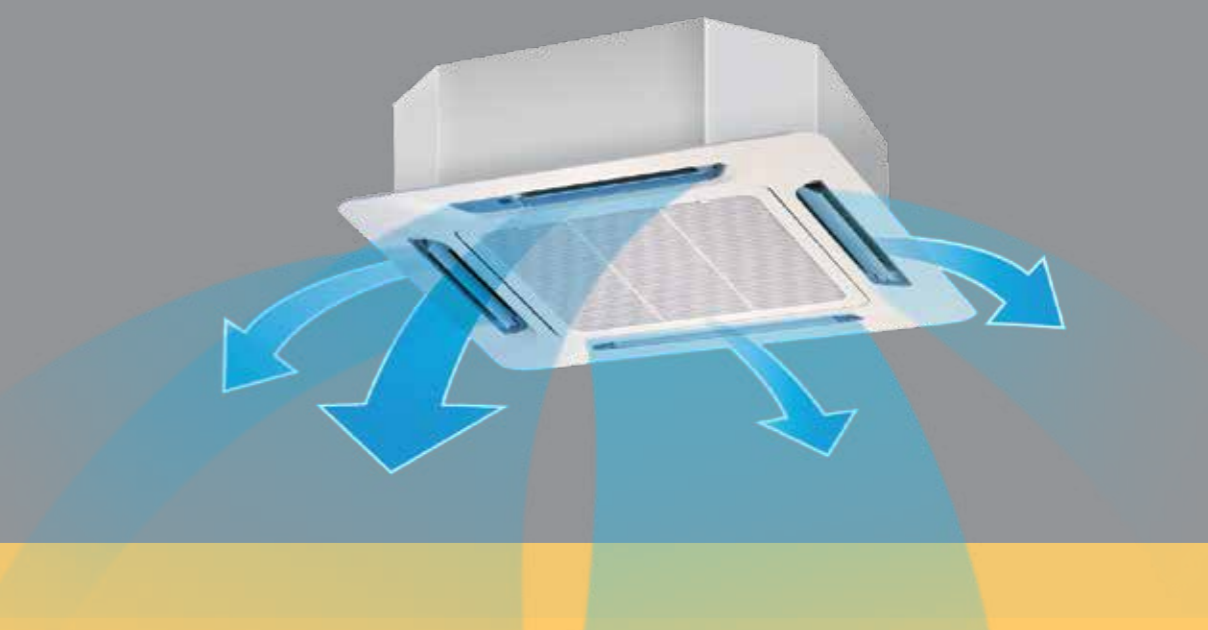
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# Modern and Elegant Design

It is designed with unique "round" side contour and new LED light location.  
Rotatable intake grill promotes uniform installation.

# Excellent Air Distribution



Combining 4 ways air discharge and air swing function, conditioned air is evenly distributed to every corner of the room.

## Multi Air Swing Control

**Standard Setting**  
Louver is set to swing at the maximum angle for gentle drafts.

Pattern 1

**Draft Prevention Setting**  
With the aid of Coanda effect, direct draft which may lead to discomfort can be avoided.

Pattern 2

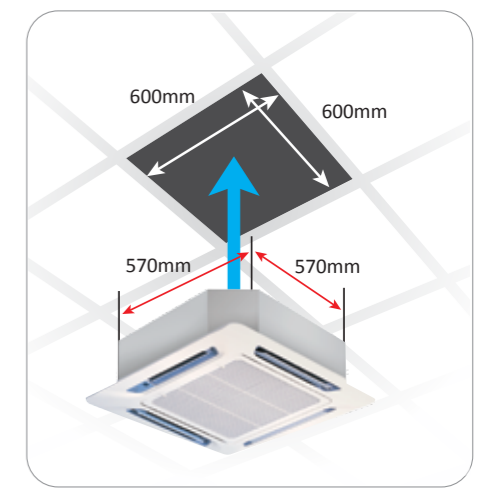
**Soil Prevention Setting**  
Even distribution of cooling whilst ensuring ceiling to be kept spotless.

Pattern 3

Note: 1. The default setting is pattern 1. The air swing pattern can be selected via wireless remote control. 2. Applicable for Ceiling Cassette E series.

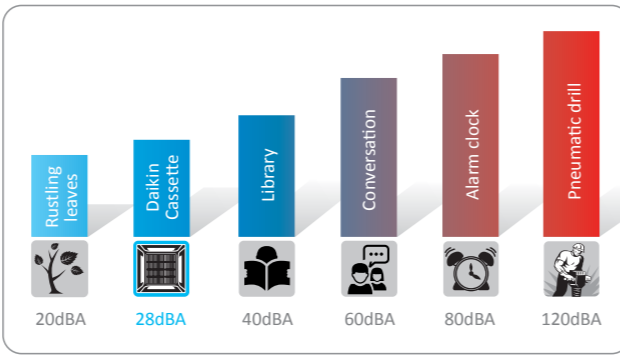
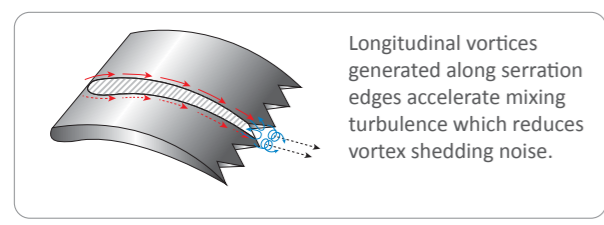
## Compact Unit Design

Ceiling Cassette C Series body dimension is only 570mm x 570mm which can easily fits into a 600mm ceiling grid.  
Ceiling Cassette E Series unit height is as low as 300mm, which allows to be able to install in tight ceiling spaces.



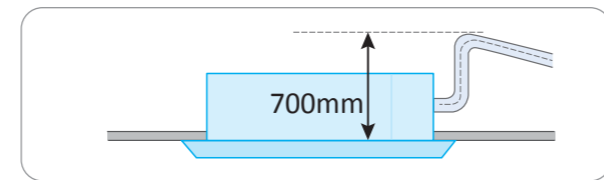
## Superior Sound Level

With the adapted technology from Daikin turbo fan, Ceiling Cassette series is able to achieve exceptional low noise.



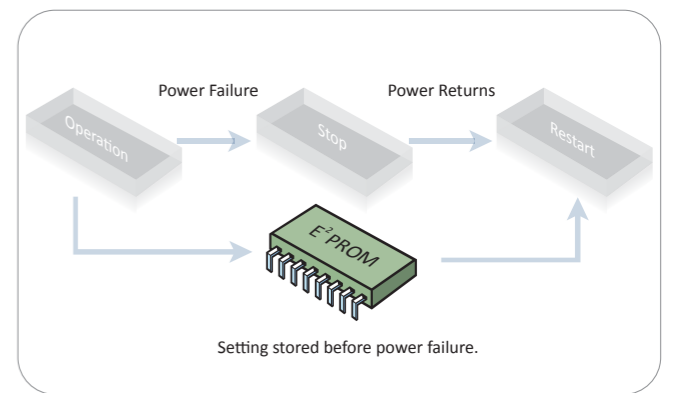
## Built-in High Head Drain Pump

The unit comes with a 700mm built-in high head drain pump. A safety float is incorporated in the drain pump to monitor its water level.



## Auto Random Restart with Last-State-Memory

In the event of a sudden power failure during operation, unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed). This ensures that air conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



# Ceiling Cassette E Series (50Hz)



\* Optional \*\* For R(Y)35/40DXV1, R(Y)40/50DXV1



FH(Y)C20/25/28/40/50EXV1



R(Y)20/25/28CXV1

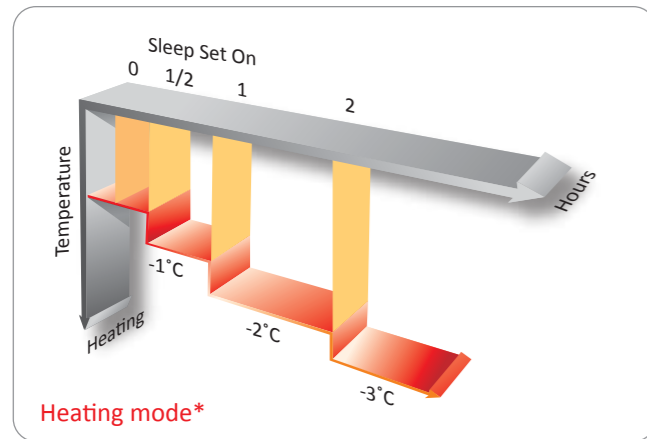


R(Y)35/40DXV1  
R(Y)40/50DXV1

- > 4 Way air discharge
- > Excellent air distribution
- > Compact unit design
- > Auto random restart
- > Sleep mode
- > Self diagnosis
- > Built-in high head drain pump
- > Mount with B(Y)C50EXW decorative panel
- > Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

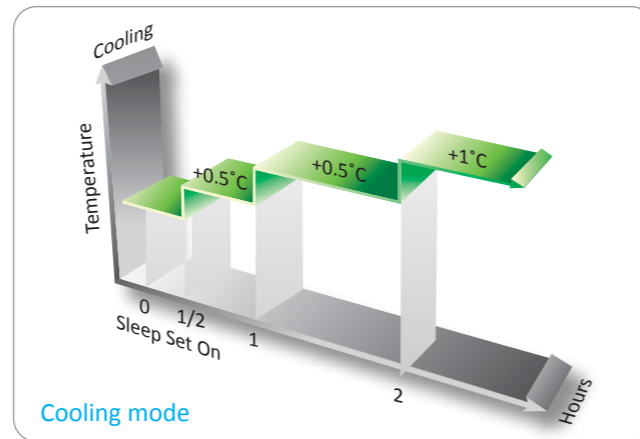
## Sleep Mode

Once activated, sleep mode ensures a comfortable environment for restful sleep. Depending on the mode, set temperature is increased/decreased gradually according to normal sleeping temperature patterns.



Heating mode\*

\* Heat pump models only



Cooling mode

## Self Diagnosis

This intelligent feature helps to detect faults or malfunctioning in the system and give user a warning by blinking of the LED lights.

## Compact & Easy-to-Use Handset

- Prominent 40mm LCD display.
- Real time clock display.
- Dedicated buttons for Quiet and Turbo functions.

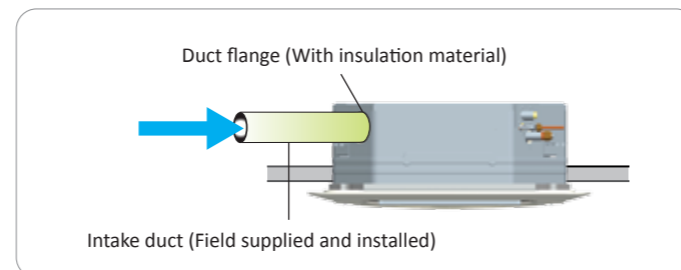


## Options

Our Ceiling Cassette is provided with 'air discharge' and 'air intake' knock out hole for duct connection.

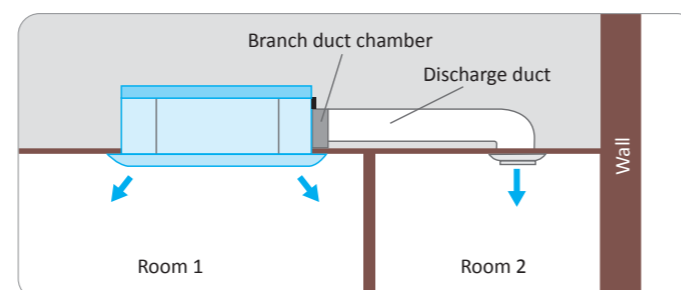
## Fresh Air Intake

Keeps the introduction of fresh air intake within 20% of total air flow.



## Branch Duct Connection

Improves air flow distribution when there is an obstruction. Allows to be used for air conditioning of two rooms simultaneously.



### Specification for Ceiling Cassette- E Series, 3ft x 3ft Panel, Cooling Only (R22)

| Indoor Model Name        | FHC20EXV1               | FHC25EXV1 | FHC28EXV1       | FHC40EXV1       | FHC40EXV1       | FHC40EXV1        | FHC50EXV1        |                   |
|--------------------------|-------------------------|-----------|-----------------|-----------------|-----------------|------------------|------------------|-------------------|
| Outdoor Model Name       | R20CXV1                 | R25CXV1   | R28CXV1         | R35DXV1         | R40DXV1         | R40DXV1          | R50DXV1          |                   |
| Nominal Cooling Capacity | Btu/h                   | 19500     | 25000           | 27000           | 35000           | 39000            | 49500            |                   |
|                          | W                       | 5715      | 7327            | 7913            | 10258           | 11430            | 14500            |                   |
| Nominal EER              | W/W                     | 2.92      | 2.88            | 2.91            | 3.41            | 3.31             | 3.15             |                   |
| Indoor                   | Power Supply            | V/Ph/Hz   | 220-240/1/50    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 220-240/1/50     | 220-240/1/50      |
|                          | Air Flow                | CFM       | 600/530/430/400 | 680/600/530/430 | 860/725/620/530 | 1030/860/740/620 | 1030/860/740/620 | 1200/1030/930/780 |
|                          | Sound Pressure Level    | dBA       | 34/32/30/28     | 37/34/33/32     | 42/38/35/33     | 47/44/40/36      | 47/44/40/36      | 49/45/43/39       |
|                          | Height [with Panel]     | mm        | 265 [340]       | 265 [340]       | 265 [340]       | 300 [375]        | 300 [375]        | 300 [375]         |
|                          | Width [with Panel]      | mm        | 820 [990]       | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Depth [with Panel]      | mm        | 820 [990]       | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Net Weight [with Panel] | kg        | 26 [30]         | 28 [32]         | 31 [35]         | 39 [43]          | 39 [43]          | 41 [45]           |
| Outdoor                  | Power Supply            | V/Ph/Hz   | 220-240/1/50    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 380-415/3/50     | 380-415/3/50      |
|                          | Sound Pressure Level    | dBA       | 51              | 52              | 58              | 58               | 58               | 58                |
|                          | Height                  | mm        | 651             | 753             | 753             | 852              | 852              | 852               |
|                          | Width                   | mm        | 855             | 855             | 855             | 1030             | 1030             | 1030              |
|                          | Depth                   | mm        | 328             | 328             | 328             | 400              | 400              | 400               |
|                          | Net Weight              | kg        | 47              | 57              | 57              | 95               | 100              | 105               |
|                          | Pipe Connection- Liquid | mm        | 6.35            | 9.52            | 9.52            | 9.52             | 9.52             | 9.52              |
| Pipe Connection- Gas     | mm                      | 15.88     | 15.88           | 15.88           | 19.05           | 19.05            | 19.05            |                   |
| Piping Length            | m                       | 15        | 15              | 15              | 45              | 45               | 45               |                   |
| Piping Elevation         | m                       | 8         | 8               | 8               | 25              | 25               | 25               |                   |

### Specification for Ceiling Cassette- E Series, 3ft x 3ft Panel, Cooling & Heating (R22)

| Indoor Model Name        | FHYC20EXV1              | FHYC25EXV1 | FHYC28EXV1      | FHYC40EXV1      | FHYC40EXV1      | FHYC40EXV1       | FHYC50EXV1       |                   |
|--------------------------|-------------------------|------------|-----------------|-----------------|-----------------|------------------|------------------|-------------------|
| Outdoor Model Name       | RY20CXV1                | RY25CXV1   | RY28CXV1        | RY35DXV1        | RY40DXV1        | RY40DXV1         | RY50DXV1         |                   |
| Nominal Cooling Capacity | Btu/h                   | 19500      | 25000           | 27000           | 35000           | 39500            | 48000            |                   |
|                          | W                       | 5715       | 7327            | 7913            | 10258           | 11600            | 14100            |                   |
| Nominal Heating Capacity | Btu/h                   | 19500      | 25000           | 28000           | 35000           | 42000            | 50000            |                   |
|                          | W                       | 5715       | 7327            | 8206            | 10258           | 12300            | 14700            |                   |
| Nominal EER              | W/W                     | 2.92       | 2.88            | 2.91            | 3.41            | 3.22             | 2.93             |                   |
| Nominal COP              | W/W                     | 3.38       | 3.17            | 3.49            | 3.73            | 3.79             | 3.49             |                   |
| Indoor                   | Power Supply            | V/Ph/Hz    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 220-240/1/50     | 220-240/1/50      |
|                          | Air Flow                | CFM        | 600/530/430/400 | 680/600/530/430 | 860/725/620/530 | 1030/860/740/620 | 1030/860/740/620 | 1200/1030/930/780 |
|                          | Sound Pressure Level    | dBA        | 34/32/30/28     | 37/34/33/32     | 42/38/35/33     | 47/44/40/36      | 47/44/40/36      | 49/45/43/39       |
|                          | Height [with Panel]     | mm         | 265 [340]       | 265 [340]       | 265 [340]       | 300 [375]        | 300 [375]        | 300 [375]         |
|                          | Width [with Panel]      | mm         | 820 [990]       | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Depth [with Panel]      | mm         | 820 [990]       | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Net Weight [with Panel] | kg         | 26 [30]         | 28 [32]         | 31 [35]         | 39 [43]          | 39 [43]          | 41 [45]           |
| Outdoor                  | Power Supply            | V/Ph/Hz    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 380-415/3/50     | 380-415/3/50      |
|                          | Sound Pressure Level    | dBA        | 51              | 52              | 58              | 58               | 58               | 58                |
|                          | Height                  | mm         | 651             | 753             | 753             | 852              | 852              | 852               |
|                          | Width                   | mm         | 855             | 855             | 855             | 1030             | 1030             | 1030              |
|                          | Depth                   | mm         | 328             | 328             | 328             | 400              | 400              | 400               |
|                          | Net Weight              | kg         | 47              | 57              | 57              | 95               | 100              | 105               |
|                          | Pipe Connection- Liquid | mm         | 6.35            | 9.52            | 9.52            | 9.52             | 9.52             | 9.52              |
| Pipe Connection- Gas     | mm                      | 15.88      | 15.88           | 15.88           | 19.05           | 19.05            | 19.05            |                   |
| Piping Length            | m                       | 15         | 15              | 15              | 45              | 45               | 45               |                   |
| Piping Elevation         | m                       | 8          | 8               | 8               | 25              | 25               | 25               |                   |

# Ceiling Cassette C Series (50Hz)



FF(Y)10/15/20CXV1



R(Y)10/15CXV1



R(Y)18/20CXV1

- › 4 Way air discharge
- › Excellent air distribution
- › Compact unit design
- › Built-in high head drain pump
- › Mount with B(Y)C20CXW decorative panel
- › Auto random restart
- › Sleep mode
- › Self diagnosis
- › Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

## Specification for Ceiling Cassette- C Series, 2ft x 2ft Panel, Cooling Only (R22)

| Indoor Model Name        |                         | FF10CXV1             | FF15CXV1     | FF20CXV1     |
|--------------------------|-------------------------|----------------------|--------------|--------------|
| Outdoor Model Name       |                         | R10CXV1              | R15CXV1      | R20CXV1      |
| Nominal Cooling Capacity | Btu/h                   | 9500                 | 12500        | 19000        |
|                          | W                       | 2780                 | 3663         | 5570         |
| Nominal EER              | W/W                     | 3.03                 | 3.04         | 3.04         |
| Indoor                   | Power Supply            | V/Ph/Hz 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Air Flow                | CFM 410/360/330      | 410/360/330  | 450/410/340  |
|                          | Sound Pressure Level    | dBa 41/38/35         | 41/38/34     | 44/41/37     |
|                          | Height [with Panel]     | mm 250 [295]         | 250 [295]    | 250 [295]    |
|                          | Width [with Panel]      | mm 570 [640]         | 570 [640]    | 570 [640]    |
|                          | Depth [with Panel]      | mm 570 [640]         | 570 [640]    | 570 [640]    |
|                          | Net Weight [with Panel] | kg 16 [18]           | 16 [18]      | 16 [18]      |
| Outdoor                  | Power Supply            | V/Ph/Hz 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Sound Pressure Level    | dBa 46               | 49           | 51           |
|                          | Height                  | mm 540               | 540          | 651          |
|                          | Width                   | mm 700               | 700          | 855          |
|                          | Depth                   | mm 250               | 250          | 328          |
|                          | Net Weight              | kg 28                | 28           | 47           |
|                          | Pipe Connection- Liquid | mm 6.35              | 6.35         | 6.35         |
|                          | Pipe Connection- Gas    | mm 9.52              | 12.70        | 15.88        |
| Piping Length            | m 12                    | 12                   | 15           |              |
| Piping Elevation         | m 5                     | 5                    | 8            |              |

## Specification for Ceiling Cassette- C Series, 2ft x 2ft Panel, Cooling & Heating (R22)

| Indoor Model Name        |                         | FFY10CXV1            | FFY15CXV1    | FFY20CXV1    | FFY20CXV1    |
|--------------------------|-------------------------|----------------------|--------------|--------------|--------------|
| Outdoor Model Name       |                         | RY10CXV1             | RY15CXV1     | RY18CXV1     | RY20CXV1     |
| Nominal Cooling Capacity | Btu/h                   | 9500                 | 12500        | 18000        | 19000        |
|                          | W                       | 2780                 | 3660         | 5280         | 5570         |
| Nominal Heating Capacity | Btu/h                   | 9500                 | 12500        | 18400        | 19500        |
|                          | W                       | 2780                 | 3660         | 5390         | 5720         |
| Nominal EER              | W/W                     | 3.03                 | 3.04         | 2.87         | 3.04         |
| Nominal COP              | W/W                     | 3.40                 | 3.47         | 3.21         | 3.21         |
| Indoor                   | Power Supply            | V/Ph/Hz 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Air Flow                | CFM 410/360/330      | 410/360/330  | 450/410/340  | 450/410/340  |
|                          | Sound Pressure Level    | dBa 41/38/35         | 41/38/34     | 44/41/37     | 44/41/37     |
|                          | Height [with Panel]     | mm 250 [295]         | 250 [295]    | 250 [295]    | 250 [295]    |
|                          | Width [with Panel]      | mm 570 [640]         | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Depth [with Panel]      | mm 570 [640]         | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Net Weight [with Panel] | kg 16 [18]           | 16 [18]      | 16 [18]      | 16 [18]      |
| Outdoor                  | Power Supply            | V/Ph/Hz 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Sound Pressure Level    | dBa 46               | 49           | 51           | 51           |
|                          | Height                  | mm 540               | 540          | 651          | 651          |
|                          | Width                   | mm 700               | 700          | 855          | 855          |
|                          | Depth                   | mm 250               | 250          | 328          | 328          |
|                          | Net Weight              | kg 30                | 30           | 43           | 47           |
|                          | Pipe Connection- Liquid | mm 6.35              | 6.35         | 6.35         | 6.35         |
|                          | Pipe Connection- Gas    | mm 9.52              | 12.70        | 15.88        | 15.88        |
| Piping Length            | m 12                    | 12                   | 15           | 15           |              |
| Piping Elevation         | m 5                     | 5                    | 8            | 8            |              |

# Ceiling Cassette E Series (50Hz)



FCRN50/60/71/100/125EXV1  
FCQN50/60/71/100/125EXV1



R(Y)N50/60CXV1  
RR71CXV1  
RQ71CXV1



RR90/100DXV1  
RR90/100/125DXV1  
RQ90/100DXV1  
RQ90/100/125DXV1

- › 4 Way air discharge
- › Excellent air distribution
- › Compact unit design
- › Auto random restart
- › Sleep mode
- › Self diagnosis
- › Built-in high head drain pump
- › Mount with B(Y)C50EXW decorative panel
- › Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

## Specification for Ceiling Cassette- E Series, 3ft x 3ft Panel - Cooling (R410A)

| Indoor Model Name        |                          | FCRN50EXV1           | FCRN60EXV1      | FCRN71EXV1      | FCRN100EXV1      | FCRN100EXV1      | FCRN100EXV1      | FCRN100EXV1      | FCRN125EXV1       |
|--------------------------|--------------------------|----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-------------------|
| Outdoor Model Name       |                          | RN50CXV1             | RN60CXV1        | RR71CXV1        | RR90DXV1         | RR90DXV1         | RR100DXV1        | RR100DXV1        | RR125DXV1         |
| Nominal Cooling Capacity | Btu/h                    | 18300                | 22200           | 27000           | 29200            | 31000            | 39000            | 39000            | 45000             |
|                          | W                        | 5363                 | 6506            | 7913            | 8558             | 9086             | 11430            | 11430            | 13190             |
| Nominal EER              | W/W                      | 3.08                 | 3.36            | 2.84            | 3.03             | 3.28             | 2.92             | 2.98             | 2.93              |
| Indoor                   | Power Supply             | V/Ph/Hz 220-240/1/50 | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 220-240/1/50     | 220-240/1/50     | 220-240/1/50     | 220-240/1/50      |
|                          | Air Flow                 | CFM 600/530/430/400  | 680/600/530/430 | 860/725/620/530 | 1030/860/740/620 | 1030/860/740/620 | 1030/860/740/620 | 1030/860/740/620 | 1200/1030/930/780 |
|                          | Sound Pressure Level     | dBa 34/32/30/28      | 37/34/33/32     | 42/38/35/33     | 47/44/40/36      | 47/44/40/36      | 47/44/40/36      | 47/44/40/36      | 49/45/43/39       |
|                          | Height [with Panel]      | mm 265 [340]         | 265 [340]       | 265 [340]       | 300 [375]        | 300 [375]        | 300 [375]        | 300 [375]        | 300 [375]         |
|                          | Width [with Panel]       | mm 820 [990]         | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Depth [with Panel]       | mm 820 [990]         | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Net Weight [with Panel]  | kg 26 [30]           | 28 [32]         | 31 [35]         | 39 [43]          | 39 [43]          | 39 [43]          | 39 [43]          | 41 [45]           |
| Outdoor                  | Power Supply             | V/Ph/Hz 220-240/1/50 | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 380-415/3/50     | 220-240/1/50     | 380-415/3/50     | 380-415/3/50      |
|                          | Sound Pressure Level     | dBa 52               | 52              | 58              | 58               | 58               | 58               | 58               | 60                |
|                          | Height                   | mm 651               | 753             | 753             | 852              | 852              | 852              | 852              | 852               |
|                          | Width                    | mm 855               | 855             | 855             | 1030             | 1030             | 1030             | 1030             | 1030              |
|                          | Depth                    | mm 328               | 328             | 328             | 400              | 400              | 400              | 400              | 400               |
|                          | Net Weight               | kg 47                | 50              | 57              | 86               | 86               | 95               | 95               | 98                |
|                          | Pipe connection - Liquid | mm 6.35              | 6.35            | 9.52            | 9.52             | 9.52             | 9.52             | 9.52             | 9.52              |
|                          | Pipe connection - Gas    | mm 12.70             | 15.88           | 15.88           | 15.88            | 15.88            | 15.88            | 15.88            | 15.88             |
| Piping Length            | m 15                     | 15                   | 15              | 45              | 45               | 45               | 45               | 45               |                   |
| Piping Elevation         | m 8                      | 8                    | 8               | 25              | 25               | 25               | 25               | 25               |                   |

## Specification for Ceiling Cassette- E Series, 3ft x 3ft Panel - Cooling & Heating (R410A)

| Indoor Model Name        |                          | FCQN50EXV1           | FCQN60EXV1      | FCQN71EXV1      | FCQN100EXV1      | FCQN100EXV1      | FCQN100EXV1      | FCQN100EXV1      | FCQN125EXV1       |
|--------------------------|--------------------------|----------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-------------------|
| Outdoor Model Name       |                          | RYN50CXV1            | RYN60CXV1       | RQ71CXV1        | RQ90DXV1         | RQ90DXV1         | RQ100DXV1        | RQ100DXV1        | RQ125DXV1         |
| Nominal Cooling Capacity | Btu/h                    | 18300                | 22200           | 27000           | 29200            | 31000            | 39000            | 39000            | 45000             |
|                          | W                        | 5363                 | 6506            | 7913            | 8558             | 9086             | 11430            | 11430            | 13190             |
| Nominal Heating Capacity | Btu/h                    | 17700                | 20500           | 28000           | 31800            | 33400            | 39000            | 39500            | 48000             |
|                          | W                        | 5188                 | 6008            | 8206            | 9320             | 9789             | 11430            | 11577            | 14070             |
| Nominal EER              | W/W                      | 3.08                 | 3.36            | 2.84            | 3.03             | 3.28             | 2.92             | 2.98             | 2.93              |
| Nominal COP              | W/W                      | 3.48                 | 3.41            | 3.53            | 3.66             | 3.84             | 3.06             | 3.21             | 3.43              |
| Indoor                   | Power Supply             | V/Ph/Hz 220-240/1/50 | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 220-240/1/50     | 220-240/1/50     | 220-240/1/50     | 220-240/1/50      |
|                          | Air Flow                 | CFM 600/530/430/400  | 680/600/530/430 | 860/725/620/530 | 1030/860/740/620 | 1030/860/740/620 | 1030/860/740/620 | 1030/860/740/620 | 1200/1030/930/780 |
|                          | Sound Pressure Level     | dBa 34/32/30/28      | 37/34/33/32     | 42/38/35/33     | 47/44/40/36      | 47/44/40/36      | 47/44/40/36      | 47/44/40/36      | 49/45/43/39       |
|                          | Height [with Panel]      | mm 265 [340]         | 265 [340]       | 265 [340]       | 300 [375]        | 300 [375]        | 300 [375]        | 300 [375]        | 300 [375]         |
|                          | Width [with Panel]       | mm 820 [990]         | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Depth [with Panel]       | mm 820 [990]         | 820 [990]       | 820 [990]       | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]        | 820 [990]         |
|                          | Net Weight [with Panel]  | kg 26 [30]           | 28 [32]         | 31 [35]         | 39 [43]          | 39 [43]          | 39 [43]          | 39 [43]          | 41 [45]           |
| Outdoor                  | Power Supply             | V/Ph/Hz 220-240/1/50 | 220-240/1/50    | 220-240/1/50    | 220-240/1/50     | 380-415/3/50     | 220-240/1/50     | 380-415/3/50     | 380-415/3/50      |
|                          | Sound Pressure Level     | dBa 52               | 52              | 58              | 58               | 58               | 58               | 58               | 60                |
|                          | Height                   | mm 651               | 753             | 753             | 852              | 852              | 852              | 852              | 852               |
|                          | Width                    | mm 855               | 855             | 855             | 1030             | 1030             | 1030             | 1030             | 1030              |
|                          | Depth                    | mm 328               | 328             | 328             | 400              | 400              | 400              | 400              | 400               |
|                          | Net Weight               | kg 47                | 50              | 57              | 86               | 86               | 95               | 95               | 98                |
|                          | Pipe connection - Liquid | mm 6.35              | 6.35            | 9.52            | 9.52             | 9.52             | 9.52             | 9.52             | 9.52              |
|                          | Pipe connection - Gas    | mm 12.70             | 15.88           | 15.88           | 15.88            | 15.88            | 15.88            | 15.88            | 15.88             |
| Piping Length            | m 15                     | 15                   | 15              | 45              | 45               | 45               | 45               | 45               |                   |
| Piping Elevation         | m 8                      | 8                    | 8               | 25              | 25               | 25               | 25               | 25               |                   |

# Ceiling Cassette C Series (50Hz)



\* Optional



FFRN25/35/50CXV1  
FFQN25/35/50CXV1



R(Y)N25/35CXV1



R(Y)N50CXV1  
RYN50CXV1

- > 4 Way Air Discharge
- > Excellent Air Distribution
- > Compact Unit Design
- > Built-In High Head Drain Pump
- > Mount with B(Y)C20CXW Decorative Panel
- > Stylish And Slim Panel
- > Auto Random Restart
- > Sleep Mode
- > Self Diagnosis
- > Wireless Handset BRC52A61 (H/P) Or BRC52A62 (C/O) Is Supplied As Standard

## Specification for Ceiling Cassette- C Series, 2ft x 2ft Panel - Cooling Only (R410A)

| Indoor Model Name        |                          | FFRN25CXV1 | FFRN35CXV1   | FFRN50CXV1   |              |
|--------------------------|--------------------------|------------|--------------|--------------|--------------|
| Outdoor Model Name       |                          | RN25CXV1   | RN35CXV1     | RN50CXV1     |              |
| Nominal Cooling Capacity | Btu/h                    | 9500       | 12500        | 17500        |              |
|                          | W                        | 2780       | 3660         | 5129         |              |
| Nominal EER              | W/W                      | 3.09       | 2.82         | 3.03         |              |
| Indoor                   | Power Supply             | V/Ph/Hz    | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Air Flow                 | CFM        | 410/360/330  | 410/360/330  | 450/410/340  |
|                          | Sound Pressure Level     | dB(A)      | 41/38/35     | 41/38/34     | 44/41/37     |
|                          | Height [with Panel]      | mm         | 250 [295]    | 250 [295]    | 250 [295]    |
|                          | Width [with Panel]       | mm         | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Depth [with Panel]       | mm         | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Net Weight [with Panel]  | kg         | 16 [18]      | 16 [18]      | 16 [18]      |
| Outdoor                  | Power Supply             | V/Ph/Hz    | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Sound Pressure Level     | dB(A)      | 46           | 49           | 52           |
|                          | Height                   | mm         | 540          | 540          | 651          |
|                          | Width                    | mm         | 700          | 700          | 855          |
|                          | Depth                    | mm         | 250          | 250          | 328          |
|                          | Net Weight               | kg         | 28           | 30           | 47           |
|                          | Pipe connection - Liquid | mm         | 6.35         | 6.35         | 6.35         |
|                          | Pipe connection - Gas    | mm         | 9.52         | 12.70        | 12.70        |
|                          | Piping Length            | m          | 12           | 12           | 15           |
|                          | Piping Elevation         | m          | 5            | 5            | 8            |

## Specification for Ceiling Cassette- C Series, 2ft x 2ft Panel - Cooling and Heating (R410A)

| Indoor Model Name        |                          | FFQN25CXV1 | FFQN35CXV1   | FFQN50CXV1   | FFQN50CXV1   |              |
|--------------------------|--------------------------|------------|--------------|--------------|--------------|--------------|
| Outdoor Model Name       |                          | RYN25CXV1  | RYN35CXV1    | RYN50CXV1    | RYN50CXV1    |              |
| Nominal Cooling Capacity | Btu/h                    | 9500       | 12500        | 17500        | 18000        |              |
|                          | W                        | 2780       | 3660         | 5129         | 5280         |              |
| Nominal Heating Capacity | Btu/h                    | 9500       | 11500        | 17500        | 18500        |              |
|                          | W                        | 2780       | 3370         | 5129         | 5420         |              |
| Nominal EER              | W/W                      | 3.09       | 2.82         | 3.03         | 3.06         |              |
| Nominal COP              | W/W                      | 3.35       | 3.30         | 3.00         | 3.63         |              |
| Indoor                   | Power Supply             | V/Ph/Hz    | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
|                          | Air Flow                 | CFM        | 410/360/330  | 410/360/330  | 450/410/340  | 450/410/340  |
|                          | Sound Pressure Level     | dB(A)      | 41/38/35     | 41/38/34     | 44/41/37     | 44/41/37     |
|                          | Height [with Panel]      | mm         | 250 [295]    | 250 [295]    | 250 [295]    | 250 [295]    |
|                          | Width [with Panel]       | mm         | 570 [640]    | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Depth [with Panel]       | mm         | 570 [640]    | 570 [640]    | 570 [640]    | 570 [640]    |
|                          | Net Weight [with Panel]  | kg         | 16 [18]      | 16 [18]      | 16 [18]      | 16 [18]      |
| Outdoor                  | Power Supply             | V/Ph/Hz    | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 380-415/3/50 |
|                          | Sound Pressure Level     | dB(A)      | 46           | 49           | 52           | 52           |
|                          | Height                   | mm         | 540          | 540          | 651          | 651          |
|                          | Width                    | mm         | 700          | 700          | 855          | 855          |
|                          | Depth                    | mm         | 250          | 250          | 328          | 328          |
|                          | Net Weight               | kg         | 28           | 30           | 47           | 47           |
|                          | Pipe connection - Liquid | mm         | 6.35         | 6.35         | 6.35         | 6.35         |
|                          | Pipe connection - Gas    | mm         | 9.52         | 12.70        | 12.70        | 12.70        |
|                          | Piping Length            | m          | 12           | 12           | 15           | 15           |
|                          | Piping Elevation         | m          | 5            | 5            | 8            | 8            |

# Standard Features

## COMFORT

- Turbo Mode- Rapid cooling/heating with highest fan speed for immediate comfort
- Quiet Mode- Effective cooling with lower noise level
- Dry Mode- Keeping the room dehumidified, while maintaining room temperature
- Auto Mode- Auto switching between cooling and heating mode depending on room and set temperature
- Sleep Mode

## FIN TYPE

- Bare Aluminium Fin
- Anti Corrosion Hydrophilic Gold Fin

The outdoor models in the catalog comes with bare / blue fin condenser. For gold fin outdoor models, specification remains the same with the below model name change : eg :

RYN25CXV1 to RYN25CGXV1 "G" comes after the series name of the outdoor.

## AIR FLOW

- Selectable Fan Speed- Different fan speed is available for comfort selection
- Belt Driven Evaporator Motor
- Variable Pitch Pulley Drive Package
- Automatic Vertical Swing- Automatic movement of air discharge louver for uniform air distribution
- Manual Horizontal Air Flow- Adjustable horizontal discharge grille for desired air flow direction
- 4 Way Air Discharge

## CONTROLLER

- With Wireless Remote Controller
- With Wired Remote Controller

## IAQ

- Washable Saranet Filter- Removal of airborne dust particles through saranet filter ensures cleaner air supply
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Bio Antibody Filter
- Ionizer

## POWER SUPPLY

- Power from Indoor
- Power from Outdoor