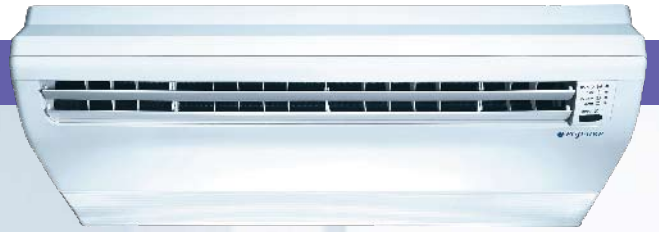


## CEILING UNIVERSAL TYPE AIR-CONDITIONER

Enter a fresher world with Fujiaire's sleek ceiling universal type air-conditioner.



Let's go fresh

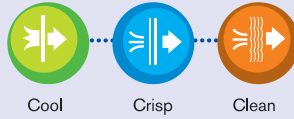
 **FUJIAIRE**  
AIR - C O N D I T I O N E R S



To provide full fresh coolness and circulation to every corner.

## SPECIFICATIONS

- All specifications are subject to change by the manufacturer without prior notice.
- Performance of the unit varies according to the type of compressor used.
- Nominal cooling and heating capacities are based on the following conditions:  
Cooling: 27°C DB / 19°C WB Indoors Heating: 20°C DB / 15°C WB Indoors  
35°C DB / 24°C WB Outdoors 7°C DB / 6°C WB Outdoors



### FUJIAIRE CEILING UNIVERSAL TYPE AIR - CONDITIONER ( COOLING )

| MODEL                     |                          | INDOOR UNIT  | FBC-1831R   | FBC-2431R    | FBC-3031R    | FBC-4031RE                       | FBC-5031RE    | FBC-6031RE    |
|---------------------------|--------------------------|--------------|---|--------------|--------------|----------------------------------|---------------|---------------|
|                           |                          | OUTDOOR UNIT | FC-1817   | FC-2417      | FC-3016      | FC-4013ES                        | FC-5013ES     | FC-6013ES     |
| Cooling Capacity          |                          | Btu/h (kW)   | 18,000  | 24,000       | 30,000       | 40,000                           | 50,000        | 60,000        |
| Power Source              |                          | V / ? / Hz   | 220-240V / 1Φ / 50Hz                                |              |              | 380-415V / 3Φ / 50Hz             |               |               |
| Cooling                   | Rated Input Power        | W            | 1,895   | 2,445        | 3,200        | 4,000                            | 4,720         | 5,750         |
|                           | Rated Input Current      | A            | 8.6   | 11.5         | 14.8         | 7.2                              | 8.1           | 9.6           |
| Control System            | Refrigerant/Flow Control | Type         | R-22 / Capillary Tube                               |              |              | R-22 / Accurator ( Indoor side ) |               |               |
|                           | Operating Control        | Type         | LCD Wireless Remoted Controller                     |              |              |                                  |               |               |
| Air Filter System         |                          | Type         | Washable Saran Net                                  |              |              |                                  |               |               |
| Temperature Control       |                          | Type         | Microprocessor I/C Thermostat                       |              |              |                                  |               |               |
| Fan Speed                 | Indoor Blower            | Step         | 3 steps & Auto                                      |              |              |                                  |               |               |
|                           | Outdoor Fan              | Speed        | 1   |              |              |                                  |               |               |
| Compressor                |                          | Type         | Rotary  |              |              | Scroll                           |               |               |
| Condensing Unit Casing    |                          | Type         | Electro Galvanized Steel Cabinet With Epoxy Coating |              |              |                                  |               |               |
| Refrigerant Pipe Sizes Ø  | Gas Valve                | " (Inch.)    | 1/2"  | 5/8"         |              | 3/4"                             |               |               |
|                           | Liquid Valve             | " (Inch.)    | 1/4"  | 3/8"         |              |                                  |               |               |
| Drain Pipe Sizes Ø        |                          | " (Inch.)    | 1/2"  |              |              |                                  |               |               |
| Evaporator Coil           | Material                 | Type         | Hydrophilic Slit Fin                                |              |              |                                  |               |               |
|                           | Row/Spacing              | No./mm       | 3/1.7   |              |              |                                  |               |               |
|                           | Tube pitch x row pitch   | mm ± 3       | 25.4 x 22   |              |              | 1150x254x66                      |               |               |
|                           | Dimensions HxWxD         | mm           | 804x254x66  |              | 905x203x66   |                                  | 1150x254x66   |               |
| Condenser Coil            | Type                     | Slit Fin     |   |              |              |                                  |               |               |
|                           | Row / FPI                |              | 1/17  | 1/17         | 2/16         | 1/22                             |               | 2/14          |
| Air Flow                  | Indoor Unit              | CFM / CMH    | 550/935   | 700/1190     | 950/1615     | 1300/2210                        |               | 1500/2550     |
| Blower Wheel Ø            | Indoor Unit              | Ø x L x No.  | 145x190x2   |              | 145x190x3    |                                  | 161x160x4     |               |
|                           | Piping Length ( Max. )   | Horizontal   | m   |              |              |                                  |               |               |
| Noise Level               | Indoor Unit              | dB(A) ± 3    | 43/41/38 ± 3  | 45/43/40 ± 3 |              | 47/46/44 ± 3                     |               |               |
|                           | Outdoor Unit             | dB(A) ± 3    | 50 ± 3  | 52 ± 3       | 58 ± 3       | 65 ± 3                           |               | 65 ± 3        |
| Energy Efficiency Ratio   | E.E.R. ( Cooling )       | Btu/W.h      | 9.50  | 9.82         | 9.38         | 10.00                            | 10.59         | 10.43         |
| Motor Output              | Blower Motor             | W            | 110   |              | 131          | 210                              |               |               |
|                           | Outdoor Fan Motor        | W            | 40  | 60           | 60           | 200                              |               | 60            |
| Net Unit Dimensions WxHxD | Indoor Unit              | mm ± 5       | 990x660x206   |              | 1280x660x206 |                                  | 1670x680x244  |               |
|                           | Outdoor Unit             | mm ± 5       | 850x605x295   | 880x680x310  | 900x835x330  | 1000x1000x350                    | 1000x1000x350 | 970x1230x350  |
| Packing Dimensions WxHxD  | Indoor Carton            | mm ± 5       | 1089x744x296  |              |              | 1379x744x296                     |               |               |
|                           | Outdoor Carton           | mm ± 5       | 1000x680x410  | 1000x780x420 | 1030x960x440 | 1150X1130X480                    | 1150X1130X480 | 1065x1380x475 |
| Net Weight                | Indoor Unit              | KG ±0.5      | 30  |              | 34           | 50                               |               |               |
|                           | Outdoor Unit             | KG ±0.5      | 43  | 50           | 79           | 89                               | 89            | 116           |
| Gross Weight              | Indoor Carton            | KG ±0.5      | 33  |              | 40           | 57                               |               |               |
|                           | Outdoor Carton           | KG ±0.5      | 44  | 61           | 82           | 102                              | 104           | 123           |

### FUJIAIRE CEILING UNIVERSAL TYPE AIR - CONDITIONER (HEAT-PUMP)

| MODEL                    |                           | INDOOR UNIT          | FBC-H1831R  | FBC-H2431R  | FBC-H3031R  | FBC-H4031RE          | FBC-H5031RE   | FBC-H6031RE  |
|--------------------------|---------------------------|----------------------|---|-------------|-------------|----------------------|---------------|--------------|
|                          |                           | OUTDOOR UNIT         | FC-H1817  | FC-H2417    | FC-H3016    | FC-H4013ES           | FC-H5013ES    | FC-H6013ES   |
| Cooling Capacity         |                           | Btu/h (kW)           | 18,000  | 23,000      | 30,000      | 40,000               | 49,000        | 59,000       |
| Heating Capacity         |                           | Btu/h (kW)           | 18,500  | 24,000      | 32,000      | 44,000               | 50,000        | 60,000       |
| Power Source             |                           | V / ? / Hz           | 220-240V / 1Φ / 50Hz                                |             |             | 380-415V / 3Φ / 50Hz |               |              |
| Cooling                  | Rated Input Power         | W                    | 1,895   | 2,445       | 3,200       | 4,000                | 4,720         | 5,750        |
|                          | Rated Input Current       | A                    | 8.9   | 11.0        | 15.0        | 7.2                  | 8.1           | 9.6          |
| Heating Capacity         | Rated Input Power         | W                    | 2,030   | 2,150       | 3,000       | 3,800                | 4,570         | 6,000        |
|                          | Rated Input Current       | A                    | 9.5   | 10.5        | 14.0        | 7.0                  | 7.9           | 13.0         |
| Control System           | Refrigerant/Flow Control  | Type                 | R-22 / Capillary Tube                               |             |             |                      |               |              |
|                          | Operating Control         | Type                 | LCD Wireless Remoted Controller                     |             |             |                      |               |              |
| Air Filter System        |                           | Type                 | Washable Saran Net                                  |             |             |                      |               |              |
| Temperature Control      |                           | Type                 | Microprocessor I/C Thermostat                       |             |             |                      |               |              |
| Fan Speed                | Indoor Blower             | Step                 | 3 steps & Auto                                      |             |             |                      |               |              |
|                          | Outdoor Fan               | Speed                | 1   |             |             |                      |               |              |
| Compressor               |                           | Type                 | Rotary  |             |             | Scroll               |               |              |
| Condensing Unit Casing   |                           | Type                 | Electro Galvanized Steel Cabinet With Epoxy Coating |             |             |                      |               |              |
| Refrigerant Pipe Sizes Ø | Gas Valve                 | " (Inch.)            | 1/2"  | 5/8"        |             | 3/4"                 |               |              |
|                          | Liquid Valve              | " (Inch.)            | 1/4"  | 3/8"        |             |                      |               |              |
| Drain Pipe Sizes Ø       |                           | " (Inch.)            | 1/2"  |             |             |                      |               |              |
| Evaporator Coil          | Material                  | Type                 | Hydrophilic Slit Fin                                |             |             |                      |               |              |
|                          | Row/Spacing               | No./mm               | 3/1.7   |             |             |                      |               |              |
|                          | Tube pitch x row pitch    | mm ± 3               | 25.4 x 22   |             |             | 1150x254x66          |               |              |
|                          | Dimensions HxWxD          | mm                   | 804x254x66  |             | 905x203x66  |                      | 1150x254x66   |              |
| Condenser Coil           | Type                      | Hydrophilic Slit Fin |   |             |             |                      |               |              |
|                          | Row / FPI                 |                      | 2/16  | 2/17        | 2/16        | 2/22                 |               | 2/14         |
| Air Flow                 | Indoor Unit               | CFM / CMH            | 550/935   | 700/1190    | 950/1615    | 1300/2210            |               | 1500/2550    |
| Blower Wheel Ø           | Indoor Unit               | Ø x L x No.          | 145x190x2   |             | 145x190x3   |                      | 161x160x4     |              |
|                          | Piping Length ( Max. )    | Horizontal           | m   |             |             |                      |               |              |
| Noise Level              | Indoor Unit               | dB(A) ± 3            | 41 ± 3  | 43 ± 3      | 45 ± 3      | 51 ± 3               |               | 53 ± 3       |
|                          | Outdoor Unit              | dB(A) ± 3            | 50 ± 3  | 52 ± 3      | 58 ± 3      | 65 ± 3               |               | 65 ± 3       |
| Energy Efficiency Ratio  | E.E.R. ( Cooling )        | Btu/W.h              | 9.50  | 9.41        | 9.38        | 10.00                | 10.38         | 10.26        |
| Motor Output             | COP ( Heating )           | Btu/W.h              | 9.11  | 11.16       | 10.67       | 11.58                | 10.94         | 10.00        |
|                          | Blower Motor              | W                    | 110   |             | 131         | 210                  |               |              |
| Outdoor Fan Motor        | W                         | 40                   | 40  |             | 60          | 200                  |               | 60           |
|                          | Net Unit Dimensions WxHxD | Indoor Unit          | mm ± 5  | 990x660x206 |             | 1280x660x206         |               | 1670x680x244 |
| Packing Dimensions WxHxD | Outdoor Unit              | mm ± 5               | 850x605x295   | 850x605x295 | 900x835x330 | 1000x1000x350        | 1000x1000x350 | 970x1230x350 |
|                          | Indoor Carton             | mm ± 5               | 1089x744x296  |             |             | 1379x744x296         |               |              |
| Net Weight               | Indoor Unit               | KG ±0.5              | 30  |             | 34          | 52                   |               |              |
|                          | Outdoor Unit              | KG ±0.5              | 45  | 46          | 83          | 89                   | 89            | 116          |
| Gross Weight             | Indoor Carton             | KG ±0.5              | 37  |             | 42          | 62                   |               |              |
|                          | Outdoor Carton            | KG ±0.5              | 47  | 51          | 94          | 102                  | 104           | 123          |

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