


Cooling Only

Four-Way Ceiling Cassette 18,000 BTU - 48,000 BTU

These indoor units can be paired with any one of the following types of outdoor condensers:

 Side Discharge unit
(capacity from 18,000 to 48,000)



Please find detailed technical specifications for the four-way ceiling cassette units on the back of this page. Specifications for the condenser units appear on separate data sheets.

Four-Way
Ceiling Cassette
18,000, 24,000, 36,000,
or 48,000 BTU
Cooling Only

Heat & Cool models
are also available

Ceiling Cassette Models

| Model | | | ACBC18MWCWD | ACBC24MWCWD |
|---|------------------------------|-------------------|----------------------------|----------------------------|
| | Power supply | V-Ph-Hz | 208-230~1~60 | 208-230~1~60 |
| Cooling | Capacity | Btu/h | 18000 | 18000 |
| Fan Motor | Input | W | 109.5/86/78 | 145/113/82/58 |
| | Capacitor | uF | 3 | 3.5 |
| | Speed(hi/mi/lo) | r/min | 700/550/480 | 770/670/550/420 |
| Indoor air flow (Hi/Mi/Lo) | | m ³ /h | 940/790/660 | 1380/1200/985/750 |
| Indoor noise level (Sound pressure)(Hi/Mi/Lo) | | dB(A) | 43.1/39.8/37.9 | 48.7/43.2/39.9 |
| Evaporator coil | Number of rows | | 2 | 2 |
| | Tube pitch(a)x row pitch(b) | mm | 21 x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.45 | 1.45 |
| | Fin type (code) | | Hydrophilic aluminium | Hydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7 | Φ7 |
| | | | Innergroove tube | Innergroove tube |
| | Coil length x height x width | mm | 1959.4x168x25.4 | 1959.4x168x26.74 |
| | Number of circuits | | 8 | 8 |
| Design | Design pressure | MPa | 2.6/1.0 | 2.6/1.0 |
| | Throttle | | By outdoor unit | By outdoor unit |
| | Color | | White | White |
| | Filter Type | | Washable synthetic | Washable synthetic |
| | Refrigerant | | R22 | R22 |
| Pipe diameter | Liquid side/ Gas side | mm | Φ6.35/Φ12.7 | Φ9.53/Φ15.9 |
| | Drainage water pipe | mm | Φ32 | Φ32 |
| Connection wiring | Power wiring | mm ² | 3 x 2.1 | 3x 2.5 |
| | Signal wiring | mm ² | 3 x 2.1 | 2x 1.0 |
| Controller | | | Wireless remote controller | Wireless remote controller |
| Operation temp | | ℃ | 17-30 | 17-30 |
| Ceiling Panel | Dimension (W*H*D) | mm | 950X40 X950 | 950X40 X950 |
| | Packing (W*H*D) | mm | 1030 X90 X1030 | 1030 X90 X1030 |
| | Net/Gross weight | kg | 6/9 | 6/9 |
| Cassette unit | Dimension (W*H*D) | mm | 840 x 240 x 840 | 840 x 240 x 840 |
| | Packing (W*H*D) | mm | 955 x 247 x 955 | 955 x 247 x 955 |
| | Net/Gross weight | kg | 29/36 | 29/36 |
| Container Loading | 20'/40'/40'HC | | 108/216/240 | 108/216/240 |

Ceiling Cassette Models

| Model | | | ACBC36PWCWD | ACBC36MWCWD |
|---|------------------------------|-------------------|----------------------------|----------------------------|
| | Power supply | V-Ph-Hz | 208-230~3~60 | 208-230~1~60 |
| Cooling | Capacity | Btu/h | 36000 | 36000 |
| Fan Motor | Input | W | 182/160/124 | 182/160/124/95 |
| | Capacitor | uF | 3.5 | 3.5 |
| | Speed(hi/mi/lo) | r/min | 820/750/610 | 820/750/610 |
| Indoor air flow (Hi/Mi/Lo) | | m ³ /h | 1540/1300/1120 | 1540/1300/1120 |
| Indoor noise level (Sound pressure)(Hi/Mi/Lo) | | dB(A) | 55.6/52.9/47.9 | 55.6/52.9/47.9 |
| Evaporator coil | Number of rows | | 2 | 2 |
| | Tube pitch(a)x row pitch(b) | mm | 21 x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.45 | 1.45 |
| | Fin type (code) | | Hydrophilic aluminium | Hydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7 | Φ7 |
| | | | Innergroove tube | Innergroove tube |
| | Coil length x height x width | mm | 1959.4x252x25.4 | 1959.4x252x26.74 |
| | Number of circuits | | 12 | 12 |
| Design | Design pressure | MPa | 2.6/1.0 | 2.6/1.0 |
| | Throttle | | By outdoor unit | By outdoor unit |
| | Color | | White | White |
| | Filter Type | | Washable synthetic | Washable synthetic |
| | Refrigerant | | R22 | R22 |
| Pipe diameter | Liquid side/ Gas side | mm | Φ12.7/Φ19 | Φ12.7/Φ19 |
| | Drainage water pipe | mm | Φ32 | Φ32 |
| Connection wiring | Power wiring | mm ² | 5 X 3.3 | 3X 3.3 |
| | Signal wiring | mm ² | 1 X 0.8 | 2X 1.0 |
| Controller | | | Wireless remote controller | Wireless remote controller |
| Operation temp | | ℃ | 17-30 | 17-30 |
| Ceiling Panel | Dimension (W*H*D) | mm | 950X40 X950 | 950X40 X950 |
| | Packing (W*H*D) | mm | 1030 X90 X1030 | 1030 X90 X1030 |
| | Net/Gross weight | kg | 6/9 | 6/9 |
| Cassette unit | Dimension (W*H*D) | mm | 840 x 310 x 840 | 840 x 310 x 840 |
| | Packing (W*H*D) | mm | 955 x 317 x 955 | 955 x 317 x 955 |
| | Net/Gross weight | kg | 35/42 | 35/42 |
| Container Loading | 20'/40'/40'HC | | 84/168/192 | 84/168/192 |

Ceiling Cassette Models

| Model | | | ACBC48PWCWD | ACBC42QWCWD |
|---|------------------------------|-------------------|----------------------------|----------------------------|
| | Power supply | V-Ph-Hz | 208-230~3~60 | 380V,60Hz,3Ph |
| Cooling | Capacity | Btu/h | 48000 | 42000 |
| Fan Motor | Input | W | 182/160/124 | 182/160/124/95 |
| | Capacitor | uF | 3.5 | 3.5 |
| | Speed(hi/mi/lo) | r/min | 820/750/610 | 820/750/610/500 |
| Indoor air flow (Hi/Mi/Lo) | | m ³ /h | 1540/1300/1120 | 1620/1480/1100/980 |
| Indoor noise level (Sound pressure)(Hi/Mi/Lo) | | dB(A) | 56.6/54.5/49.6 | 52.7/47.5/43.9 |
| Evaporator coil | Number of rows | | 2 | 2 |
| | Tube pitch(a)x row pitch(b) | mm | 21 x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.45 | 1.45 |
| | Fin type (code) | | Hydrophilic aluminium | Hydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7 | Φ7 |
| | | | Innergroove tube | Innergroove tube |
| | Coil length x height x width | mm | 1959.4x252x25.4 | 1959.4x252x26.74 |
| | Number of circuits | | 12 | 12 |
| Design | Design pressure | MPa | 2.6/1.0 | 2.6/1.0 |
| | Throttle | | By outdoor unit | By outdoor unit |
| | Color | | White | white |
| | Filter Type | | Washable synthetic | washable synthetic |
| | Refrigerant | | R22 | R22 |
| Pipe diameter | Liquid side/ Gas side | mm | Φ12.7/Φ19 | Φ12.7/Φ19 |
| | Drainage water pipe | mm | Φ32 | Φ32 |
| Connection wiring | Power wiring | mm ² | 5 X 3.3 | 5x2.5 |
| | Signal wiring | mm ² | 1 X0.8 | 1x2.0 |
| Controller | | | Wireless remote controller | Wireless remote controller |
| Operation temp | | ℃ | 17-30 | 17-30 |
| Ceiling Panel | Dimension (W*H*D) | mm | 950X40 X950 | 950X40 X950 |
| | Packing (W*H*D) | mm | 1030 X90 X1030 | 1030 X90 X1030 |
| | Net/Gross weight | kg | 6/9 | 6/9 |
| Cassette unit | Dimension (W*H*D) | mm | 840 x 310 x 840 | 840 x 310 x 840 |
| | Packing (W*H*D) | mm | 955 x 317 x 955 | 955 x 317 x 955 |
| | Net/Gross weight | kg | 35/42 | 35/42 |
| Container Loading | 20'/40'/40"HC | | 84/168/192 | 84/168/192 |