



**Product  
Catalogue**





## ABOUT US

Founded by a passionate HVAC Engineer, Zero Aircon Technologies strive to build up an integrated platform for Indian Market. We are professional to provide customers right HVAC/R solutions with right price, with deep understanding of markets and comprehensive expertise Indian HVAC/R supply chains, Zero Aircon Technologies could proudly provide the best quality products, services, one-stop project solutions with affordable prices.

Zero Aircon Technologies provides a wide variety of high efficiency systems in residential and commercial applications, as well as parts, tools and other supplies for any home or commercial projects. We have an unrelenting focus on quality, delivery and value, Zero Aircon Technologies is always your reliable partner for HVAC/R supplies.

### Mission

To consistently create maximum value for our customers

### Vision

To be your regular partner

### Core Value

Customers first, Integrity & Initiative, Teamwork, Openness & Creativity

### We offers below product range

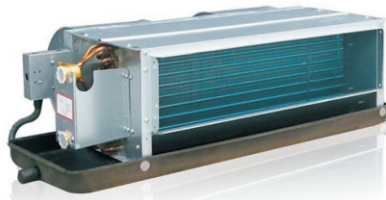
- |                            |                             |                             |
|----------------------------|-----------------------------|-----------------------------|
| # Air Handling Units       | # Air Washer                | # Fan Coil Units            |
| # Cassette Type FCU        | # High Wall Type FCU        | # Tower type Fan Coil Units |
| # Inline Fans              | # Filters for AHU's & FCU's | # Fire Extinguisher Ball    |
| # Cooling / Heating Coil   | # Grills & Diffusers        | # PICB & Valve Accessories  |
| # Portable Air Conditioner | # Thermostat                | # Floor Standing FCU        |
| # Valve Kit FCU            | # Motorised 2/3 way Valve   | # Electro Thermic Actuator  |



# PRODUCT RANGE



Air Handling Unit



Fan Coil Unit



High Static Fan Coil Unit



1-way Cassette Unit



2-way Cassette Unit



4-way Cassette Unit



8-way Cassette Unit



High Wall Unit



Portable Air Conditioner



Floor Standing FCU



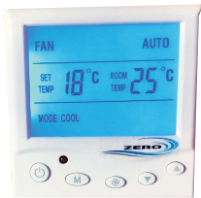
Inline Fan



HVAC Filters



Tower AC



Digital ON/OFF Thermostat



Digital Modulating Thermostat



Valve Kit Assembly



Manual Thermostat



Electro Thermic Actuator



Motorised Valve



2/3 way Valve



Fire Ball



# Cassette Type Fan Coil Unit



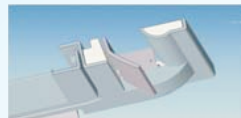
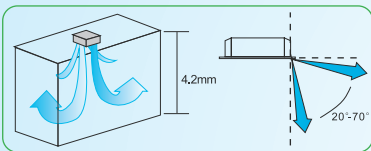
1-way cassette type fan coil unit



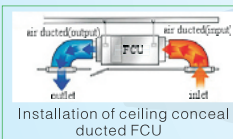
4-way cassette type fan coil unit

## Characteristic

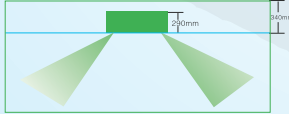
1、 4-way air flowing, which can uniform temperature distribution in the room



- 2、 Specially design to avoid the air-short flowing;
- 3、 Thin design unit which can be installed in a limit ceiling (the Min. thickness is 240mm)
- 4、 Easy to be installed, Low installation cost  
Comparing to the ceiling conceal ducted FCU, we do not need to install the air inlet and outlet, and also the ducted connection and insulation.



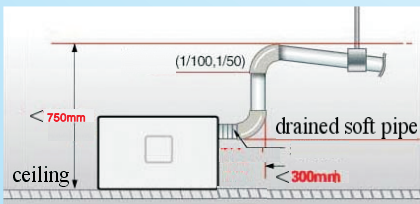
5、 Remote controller is standard and wire controller is optional



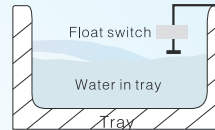
- 6、 Auto swing  
Using advanced 3D software to design the centrifugal fan with streamline and big diameter turbine.
- 7、 Quiet running  
The efficiency of airflow rate, heavy wind volume and low noise is excellent. Because the ventilator wheel is processed to sine strip seam, which enhances its flexibility, and drops the vibration of ventilator during revolving in large scale, simultaneously reduced the motor noise caused by ventilator swinging.



8、 High lift water drained pump (750mm), easy to plan the condensate drained pipe



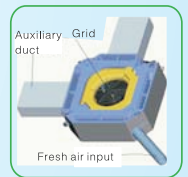
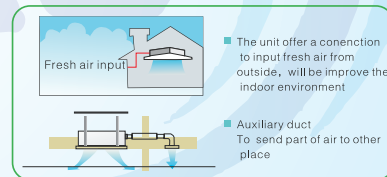
9、 Float switch inside to prevent from leaking



After the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

10、 Fresh air can be inputed from outside

Fresh air inlet can import some fresh wind from outside, and ensure the quality of indoor air. Thus, the consumer can share the fresh and clean air to lessen illness caused by air condition.

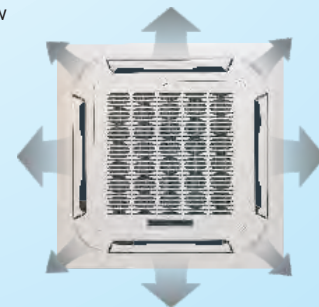


11、 "C" type heat exchanger, blue fin

"C" type exchanger is helpful to improve the well-distributed of terminal air duct and refrigerate system, make the efficiency of multi flow more even and it reduced the probable of system leak. Blue fin extremely reduced the coagulate water detained in the aluminum flake, so it reduce the wind resistance, improved the efficiency of heat exchanger.



12 360° Air Flow



With Corner airflow for complete 360° area coverage

13 Self-contained Valve Kit : Control Valve, Actuator, Cable, Ball Valves, Strainer, Aux. Drain Tray, Copper Pipe, Insulation, Unions, Washer





## Cassette Technical Specification

### 4-way Compact Chilled Water Cassette (Midea)

|                                | MODEL             | MKD-300         | MKD-400         | MKD-500         |
|--------------------------------|-------------------|-----------------|-----------------|-----------------|
| Air Volume (H/M/L)             | CMH               | 510/440/360     | 680/580/480     | 850/730/600     |
| Cooling Capacity               | kW                | 3.0             | 3.7             | 4.5             |
| Heating Capacity               | kW                | 4.0             | 5.1             | 6.0             |
| Noise Level (H/M/L)            | (NC)              | 32/29/24        | 38/35/28        | 41/38/30        |
| Water Flow Rate                | m <sup>3</sup> /h | 0.52            | 0.64            | 0.77            |
| Water Pressure Drop            | kPa               | 14              | 15              | 16              |
| Power Supply                   | V / Ph / Hz       | 220-240/1/50    | 220-240/1/50    | 220-240/1/50    |
| Power Input                    | W                 | 50              | 70              | 95              |
| Indoor Unit Dimensions (WxHxD) | mm                | 575 x 261 x 575 | 575 x 261 x 575 | 575 x 261 x 575 |
| Panel Dimensions (WxHxD)       | mm                | 647 x 50 x 647  | 647 x 50 x 647  | 647 x 50 x 647  |

### 4-Way Chilled Water Cassette (Midea)

|                                | MODEL             | MKA-600         | MKA-750         | MKA-850         | MKA-950         | MKA-1200        | MKA-1500        |
|--------------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Air Volume (H/M/L)             | CMH               | 1000/850/720    | 1250/1060/900   | 1400/1190/1010  | 1600/1360/1150  | 2000/1700/1440  | 2550/2170/1840  |
| Cooling Capacity               | kW                | 5.7             | 7               | 7.27            | 8.22            | 10.39           | 12.9            |
| Heating Capacity               | kW                | 9.66            | 11.55           | 12.42           | 13.85           | 17.58           | 17.6            |
| Noise Level (H/M/L)            | (NC)              | 41/37/32        | 42/38/33        | 43/39/34        | 44/40/35        | 45/41/36        | 46/42/37        |
| Water Flow Rate                | m <sup>3</sup> /h | 0.98            | 1.2             | 1.25            | 1.42            | 1.79            | 2.21            |
| Water Pressure Drop            | kPa               | 23.8            | 25.2            | 27              | 31.2            | 44              | 40              |
| 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    |
| Power Input                    | W                 | 125             | 130             | 150             | 155             | 190             | 190             |
| Indoor Unit Dimensions (WxHxD) | mm                | 840 x 230 x 840 | 840 x 230 x 840 | 840 x 230 x 840 | 840 x 230 x 840 | 840 x 230 x 840 | 840 x 230 x 840 |
| Panel Dimensions (WxHxD)       | mm                | 950 x 45 x 950  | 950 x 45 x 950  | 950 x 45 x 950  | 950 x 45 x 950  | 950 x 45 x 950  | 950 x 45 x 950  |

### 1-way Chilled Water Cassette (Midea)

|                                | MODEL             | MKC-300R-B       | MKC-400R-B       | MKC-600HRN4      |
|--------------------------------|-------------------|------------------|------------------|------------------|
| Air Volume (H/M/L)             | CMH               | 510/450/440      | 630/560/500      | 1000/880/800     |
| Cooling Capacity               | kW                | 3.04             | 3.79             | 5.71             |
| Heating Capacity               | kW                | 5.13             | 6.41             | 9.6              |
| Noise Level (H/M/L)            | (NC)              | 32/30/28         | 33/31/30         | 38/35/33         |
| Water Flow Rate                | m <sup>3</sup> /h | 0.52             | 0.65             | 0.98             |
| Water Pressure Drop            | kPa               | 14               | 20               | 20.2             |
| Power Supply                   | V / Ph / Hz       | 220-240/1/50     | 220-240/1/50     | 220-240/1/50     |
| Power Input                    | W                 | 32               | 40               | 125              |
| Indoor Unit Dimensions (WxHxD) | mm                | 1054 x 169 x 425 | 1054 x 169 x 425 | 1200 x 198 x 655 |
| Panel Dimensions (WxHxD)       | mm                | 1180 x 25 x 465  | 1180 x 25 x 465  | 1420 x 10 x 755  |
| Indoor Unit Net Weight         | kg                | 12.8             | 12.8             | 32.6             |
| Panel Net Weight               | kg                | 3.5              | 3.5              | 9                |

**Note :**

- 1) The data is the performance in high speed with relevant static pressure.
- 2) Cooling conditions : Entering Water 7°C, Temperature rise 5°C, Entering Air Temperature 27°C DB, 19°CWB  
Heating conditions : Entering Water 50°C, Temperature rise 20°C, the same water flow as the cooling conditions.
- 3) Noise is tested in full-anechoic test room.



## Ceiling Concealed Fan Coil Units

### 1. High-efficiency Pipe coil

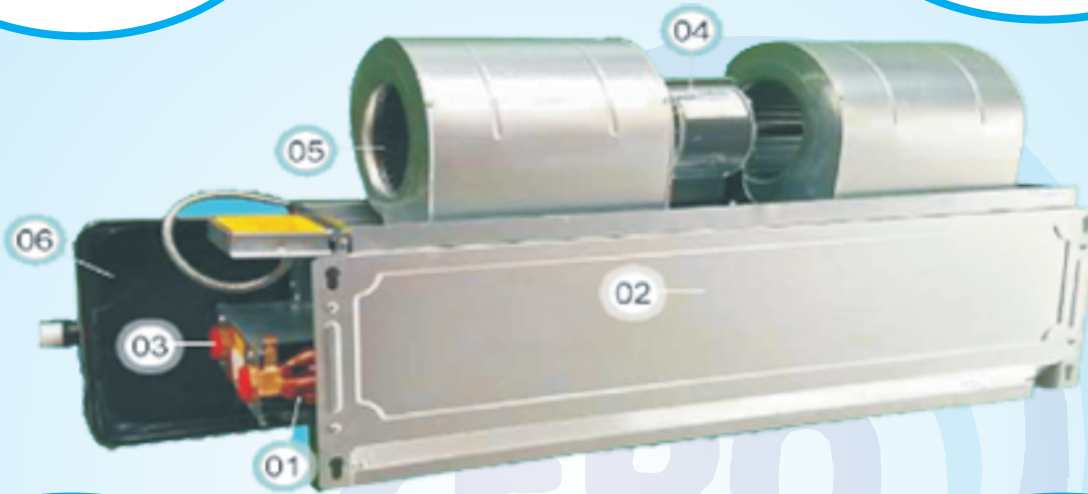
Special pipe coil design to promote the mixing of cold and heat air, which can improve the heat exchange efficiency and save the operating cost.

### 2. Top Plate

Made of high quality galvanized steel sheet, the top plate has a longer using life and can help to isolate the air flow on the top of the cooling coil.

### 3. Pipe Connection

Left or right pipe connection mode



### 4. Electric Motor

Using brand high-precision ball bearing, it has a longer using life and saves operating and maintenance cost.

### 5. Centrifugal Fan

Ultra-quiet centrifugal fan has features of sufficient air volume, uniform flow and high efficiency

### 6. Drip Tray

High strength and anti-corrosion drip tray with good insulation performance and long using life.

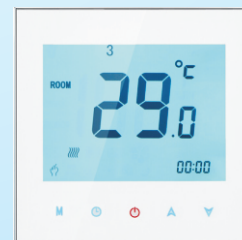
## Pre-fitted Valve Kit



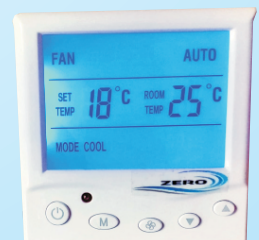
## Thermostat



Manual Thermostat



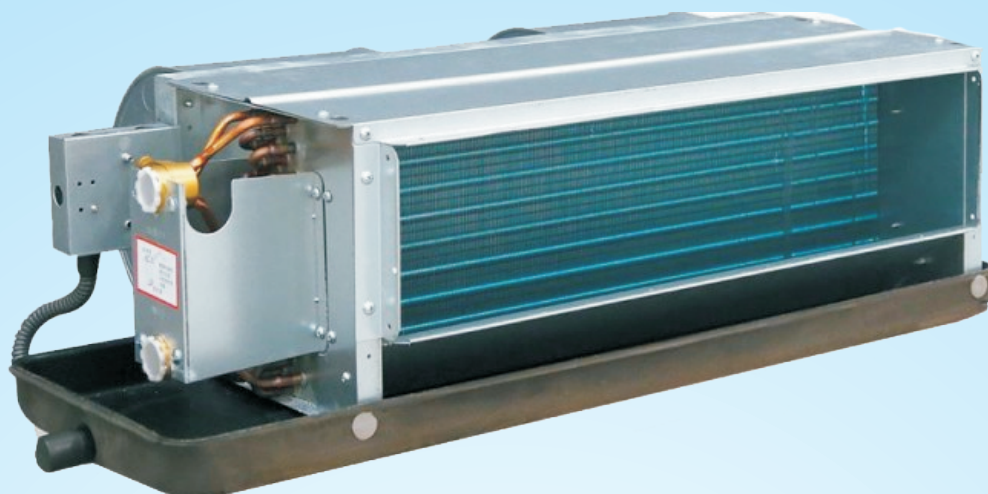
Digital Modulating Thermostat



Digital ON / OFF Thermostat



## Technical Specification



### 3 - Row Fan Coil Unit (Midea)

|                             | MODEL             | MKT3-300G12  | MKT3-400G12  | MKT3-500G12  | MKT3-600G12  | MKT3-800G12   | MKT3-1000G12  | MKT3-1200G12   |
|-----------------------------|-------------------|--------------|--------------|--------------|--------------|---------------|---------------|----------------|
| Airflow (H/M/L)             | CMH               | 510/385/255  | 680/640/425  | 850/640/425  | 1020/765/510 | 1360/1020/680 | 1700/1275/850 | 2040/1530/1020 |
| Cooling Capacity            | kW                | 3.1          | 4            | 4.6          | 5.8          | 8.2           | 9             | 11             |
| Heating Capacity            | kW                | 5.3          | 6.8          | 7.9          | 9.8          | 13.6          | 16            | 20.1           |
| Noise Level (H/M/L)         | (NC)              | 32/29/23     | 33/30/24     | 36/32/26     | 38/34/28     | 39/35/29      | 41/37/31      | 42/38/32       |
| External Static Pressure Pa |                   | 12           | 12           | 12           | 12           | 12            | 12            | 12             |
| Water Flow                  | m <sup>3</sup> /h | 0.53         | 0.69         | 0.79         | 0.99         | 1.41          | 1.55          | 1.89           |
| Water Pressure Drop         | kPa               | 26           | 18           | 24           | 36           | 39            | 32            | 39             |
| 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   |
| Power Input                 | W                 | 53           | 66           | 87           | 100          | 145           | 180           | 210            |
| Dimensions (WxHxD)          | mm                | 841x241x522  | 941x241x522  | 941x241x522  | 1161x241x522 | 1461x241x522  | 1566x241x522  | 1856x241x522   |
| Net Weight                  | kg                | 17           | 20.2         | 20.2         | 23           | 31.9          | 34.4          | 39.5           |

### 4 - Row Fan Coil Unit (Midea)

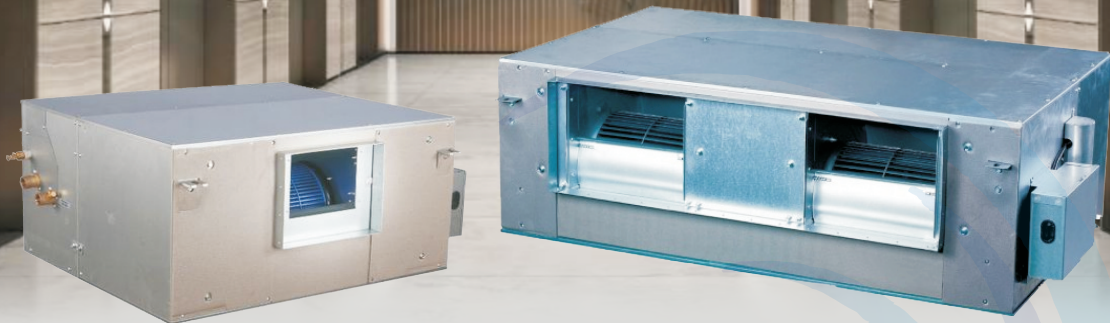
|                             | MODEL             | MKT4-400G30  | MKT4-600G30  | MKT4-800G30   | MKT4-1000G30  | MKT4-1200G30   | MKT4-1500      | MKT4-2000      |
|-----------------------------|-------------------|--------------|--------------|---------------|---------------|----------------|----------------|----------------|
| Airflow (H/M/L)             | CMH               | 680/510/340  | 1020/765/510 | 1360/1020/680 | 1700/1275/850 | 2040/1530/1020 | 2550/2100/1300 | 3400/2550/1700 |
| Cooling Capacity            | kW                | 4.4          | 6.2          | 8.8           | 9.5           | 11.8           | 13.5           | 18             |
| Heating Capacity            | kW                | 7.1          | 10.5         | 14.5          | 16.3          | 16.5           | 17.5           | 23.4           |
| Noise Level (H/M/L)         | (NC)              | 34/34/25     | 37/32/27     | 38/33/28      | 40/35/29      | 41/36/30       | 44/40/35       | 46/42/37       |
| External Static Pressure Pa |                   | 30           | 30           | 30            | 30            | 30             | 30             | 30             |
| Water Flow                  | m <sup>3</sup> /h | 0.76         | 1.07         | 1.51          | 1.63          | 2.03           | 2.32           | 3.1            |
| Water Pressure Drop         | kPa               | 8.1          | 15.4         | 12.3          | 18            | 21.2           | 11.51          | 26.2           |
| 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   |
| Power Input                 | W                 | 80           | 110          | 155           | 180           | 220            | 236            | 360            |
| Dimensions (WxHxD)          | mm                | 941x241x522  | 1161x241x522 | 1461x241x522  | 1566x241x522  | 1856x241x522   | 1369x342x612   | 1500x342x612   |
| Net Weight                  | kg                | 20.7         | 23.5         | 32.9          | 35.4          | 40.5           | 46             | 57             |

**Note :**

- 1) The data is the performance in high speed with relevant static pressure.
- 2) Cooling conditions : Entering Water 7°C, Temperature rise 5°C, Entering Air Temperature 27°C DB, 19°CWB  
Heating conditions : Entering Water 50°C, Temperature rise 20°C, the same water flow as the cooling conditions.
- 3) Noise is tested in full-anechoic test room.



# HIGH STATIC FAN COIL UNIT

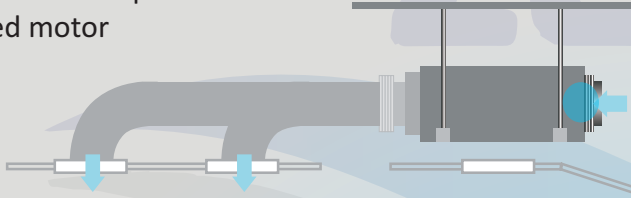


- ▶ Eurovent Certified Performance
- ▶ Capacity Range : 800 CFM - 2700 CFM
- ▶ LHS/RHS Coil connections
- ▶ Relatively low noise operation
- ▶ Electric Heater option available
- ▶ 4 Speed motor

Pre-fitted Valve Kit



Long Length Duct



## High Static Fan Coil Unit (Midea)

|                          | MODEL             | MKT3H-800G70   | MKT3H-1000G70  | MKT3H-1200G70  | MKT3H-1400G70  | MKT3H-1600G100 | MKT3H-1800G100 | MKT3H-2200G100 |
|--------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Airflow (H/M/L)          | CMH               | 1360/1220/1090 | 1700/1530/1380 | 2040/1880/1610 | 2380/2120/1860 | 2720/2450/2170 | 3060/2750/2450 | 3740/3660/2990 |
| Cooling Capacity         | kW                | 6.6            | 8.8            | 10             | 12             | 14.1           | 15.8           | 19.9           |
| Heating Capacity         | kW                | 9.7            | 13.2           | 15             | 17.9           | 21.2           | 23.8           | 30             |
| Noise Level (High)       | (NC)              | 45             | 46             | 47             | 48             | 50             | 56             | 57             |
| External Static Pressure | Pa                | 70             | 70             | 70             | 70             | 100            | 100            | 100            |
| Water Flow               | m <sup>3</sup> /h | 1.14           | 1.51           | 1.72           | 2.06           | 2.42           | 2.72           | 3.42           |
| Water Pressure Drop      | kPa               | 8              | 24             | 24             | 36             | 52             | 90             | 130            |
| 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   |
| Power Input              | W                 | 350            | 350            | 350            | 350            | 550            | 800            | 950            |
| Dimensions (WxHxD)       | mm                | 946x400x816    | 946x400x816    | 946x400x816    | 946x400x816    | 1290x400x809   | 1290x400x809   | 1290x400x809   |
| Net Weight               | kg                | 50             | 52             | 52             | 54             | 76             | 76             | 76             |

**Note :**

- 1) The data is the performance in high speed with relevant static pressure.
- 2) Cooling conditions : Entering Water 7°C, Temperature rise 5°C, Entering Air Temperature 27°C DB, 19°CWB  
Heating conditions : Entering Water 50°C, Temperature rise 20°C, the same water flow as the cooling conditions.
- 3) Noise is tested in full-anechoic test room.



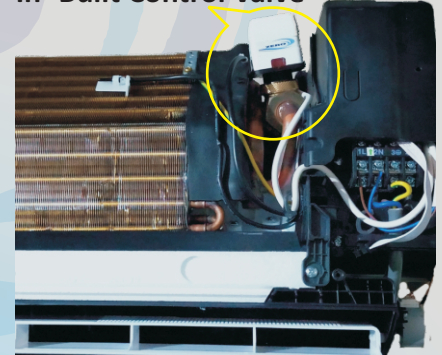
## HIGH WALL FCU



### FEATURES :-

- \* No need for false ceilings, trap doors & Ductings
- \* Capacity Range: 0.5 Tr to 3.0 Tr
- \* In- Built Control Valve Option
- \* Low Noise Level, High CFM, Wider air span

### In- Built Control Valve



### High Wall Fan Coil Unit (Zero/Midea)

|                          | MODEL             | MKG-300-B    | MKG-400-B    | MKG-500-B    | MKG-600-B    | ZHC-24*      | ZHC-36*      | ZHC-60*      |
|--------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Air Volume               | CMH               | 510          | 680          | 850          | 1020         | 1116         | 1764         | 1944         |
| Cooling Capacity         | kW                | 2.97         | 3.28         | 4.25         | 5.0          | 6.34         | 8.04         | 10.3         |
| Heating Capacity         | kW                | 3.91         | 4.37         | 5.81         | 6.7          | 8.53         | 10.1         | 12.45        |
| Noise Level (H/M/L) (NC) |                   | 31/25/20     | 33/27/22     | 35/29/24     | 36/30/25     | 39/34/29     | 54/52/50     | 56/55/54     |
| Water Flow Rate          | m <sup>3</sup> /h | 0.51         | 0.56         | 0.73         | 0.86         | 1.09         | 1.37         | 1.76         |
| Water Pressure Drop      | kPa               | 35.6         | 43.5         | 31.8         | 42.5         | 63           | 28.5         | 25.5         |
| 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 |
| Power Input              | W                 | 37           | 40           | 50           | 66           | 59           | 140          | 145          |
| Inlet Outlet Dia.        | mm                | 19           | 19           | 19           | 19           | 12.5         | 20           | 20           |
| Drain Dia                | mm                | 20           | 20           | 20           | 20           | 16           | 16           | 16           |
| Dimensions (WxHxD)       | mm                | 915x290x230  | 915x290x230  | 1072x315x230 | 1072x315x230 | 1145x315x245 | 1557x378x300 | 1557x378x300 |
| Net Weight               | kg                | 13           | 13.3         | 15.8         | 15.8         | 15           | 24           | 26           |

\* ZERO make



## Technical Specification - ZERO

### 4-Way Chilled Water Cassette (Zero)

|                                | MODEL             | ZCCF-300     | ZCCF-400     | ZCCF-500     | ZCCF-600     | ZCCF-800      | ZCCF-1000     | ZCCF-1200      | ZCCF-1400      |
|--------------------------------|-------------------|--------------|--------------|--------------|--------------|---------------|---------------|----------------|----------------|
| Air flow (H/M/L)               | CMH               | 510/380/280  | 680/520/340  | 850/660/430  | 1020/760/510 | 1360/1020/680 | 1700/1270/850 | 2040/1530/1020 | 2380/1780/1190 |
| Cooling Capacity               | kW                | 2.7          | 3.6          | 4.5          | 5.4          | 7.2           | 9             | 10.8           | 12.6           |
| Heating Capacity               | kW                | 4.05         | 5.4          | 6.7          | 8.1          | 10.8          | 13.5          | 16.2           | 18.9           |
| Noise Level (H/M/L)            | dB(A)             | 39/37/35     | 41/39/37     | 43/41/39     | 45/43/39     | 46/44/40      | 48/46/42      | 50/47/45       | 52/49/46       |
| Water Flow Rate                | m <sup>3</sup> /h | 0.72         | 0.85         | 1.05         | 1.28         | 1.71          | 2.13          | 2.55           | 2.99           |
| Water Pressure Drop            | kPa               | 20           | 25           | 30           | 35           | 40            | 40            | 43             | 50             |
| 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   |
| Power Input                    | W                 | 52           | 62           | 70           | 85           | 116           | 130           | 135            | 170            |
| Indoor Unit Dimensions (WxHxD) | mm                | 575x290x575  | 575x290x575  | 741x290x741  | 741x290x741  | 741x290x741   | 830x290x830   | 830x290x830    | 830x290x830    |
| Panel Dimensions (WxHxD)       | mm                | 650x35x650   | 650x35x650   | 850x38x850   | 850x38x850   | 850x38x850    | 950x40x950    | 950x40x950     | 950x40x950     |
| Indoor Unit Net Weight         | kg                | 21           | 22           | 32           | 33           | 34            | 40            | 41             | 42             |
| Panel Net Weight               | kg                | 2.5          | 2.5          | 4            | 4            | 4             | 7             | 7              | 7              |

### 3 - Row Fan Coil Unit (Zero)

|                              | MODEL             | ZCDF-3R-300  | ZCDF-3R-400  | ZCDF-3R-500  | ZCDF-3R-600  | ZCDF-3R-800   | ZCDF-3R-1000  | ZCDF-3R-1200   | ZCDF-3R-1400   |
|------------------------------|-------------------|--------------|--------------|--------------|--------------|---------------|---------------|----------------|----------------|
| Air flow (H/M/L)             | CMH               | 510/390/260  | 680/510/340  | 850/640/430  | 1020/770/510 | 1360/1020/680 | 1700/1270/850 | 2040/1530/1020 | 2380/1790/1190 |
| Cooling Capacity             | kW                | 2.7          | 3.6          | 4.5          | 5.4          | 7.2           | 9             | 10.8           | 12.6           |
| Heating Capacity             | kW                | 4.05         | 5.4          | 6.75         | 8.1          | 10.8          | 13.5          | 16.2           | 18.9           |
| Power Input (12Pa/30Pa/50Pa) | W                 | 52/59/66     | 62/72/84     | 76/87/100    | 96/108/118   | 134/156/174   | 152/174/210   | 189/212/250    | 228/253/300    |
| Noise Level (12Pa/30Pa/50Pa) | dB(A)             | 36/39/41     | 38/41/43     | 40/43/45     | 42/44/46     | 43/45/47      | 45/47/49      | 47/49/51       | 49/51/53       |
| Water Volume                 | m <sup>3</sup> /h | 0.69         | 0.89         | 1.08         | 1.33         | 1.73          | 2.16          | 2.59           | 3.02           |
| Water Pressure Drop          | kPa               | 30           | 30           | 30           | 40           | 40            | 40            | 40             | 50             |
| 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   |
| Number of Fans               | No.               | 2            | 2            | 2            | 2            | 3             | 4             | 4              | 4              |
| Weight                       | kg                | 22           | 23           | 27           | 30           | 44            | 48            | 54             | 58             |
| Unit Dimensions (WxHxD)      | mm                | 850x450x235  | 950x450x235  | 1050x450x235 | 1150x450x235 | 1350x450x235  | 1650x450x235  | 1850x450x235   | 2050x450x235   |

**Note :**

- 1) The data is the performance in high speed with relevant static pressure.
- 2) Cooling conditions : Entering Water 7°C, Temperature rise 5°C, Entering Air Temperature 27°C DB, 19°CWB  
Heating conditions : Entering Water 50°C, Temperature rise 20°C, the same water flow as the cooling conditions.
- 3) Noise is tested in full-anechoic test room.

## Tower Type Fan Coil Unit

|                          | MODEL             | ZTC-24       | ZTC-48       | ZTC-60       | ZTC-82        |
|--------------------------|-------------------|--------------|--------------|--------------|---------------|
| Cooling Capacity         | Btu/hr            | 22000        | 42000        | 54000        | 82000         |
| Cooling Capacity         | kW                | 6.5          | 12.3         | 16           | 22            |
| Power Supply             | Ph-V-Hz           | 220-240/50   | 220-240/50   | 220-240/50   | 220-240/50    |
| Indoor Air Flow          | m <sup>3</sup> /h | 1000         | 1900         | 2200         | 5100          |
| Indoor Noise Level (H/L) | dB(A)             | 40 / 38      | 44 / 41      | 53 / 47      | 54 / 45       |
| Indoor Unit              | mm                | 480x1677x267 | 600x1900x320 | 600x1900x358 | 1200x1860x420 |
| Indoor unit              | kg                | 38           | 56           | 65           | 190           |

\* Above capacities are based on water inlet 7°C & Outlet at 12°C





## Technical Specification - ZERO



### Chilled Water High Wall type Fan Coil Unit (Zero)

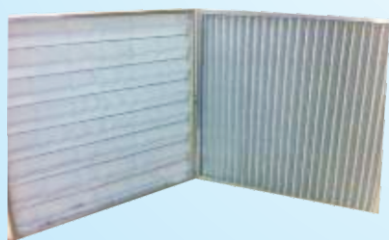
|                                | MODEL       | ZHC-12           | ZHC-15           | ZHC-18           | ZHC-24           | ZHC-30           |
|--------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|
| Air Volume (H/M/L)             | CMH         | 550/500/450      | 850/750/650      | 1050/900/800     | 1200/1050/900    | 1310/1150/950    |
| Cooling Capacity               | kW          | 3.51             | 4.53             | 5                | 6.3              | 8                |
| Power Supply                   | V / Ph / Hz | 230/1/50         | 230/1/50         | 230/1/50         | 230/1/50         | 230/1/50         |
| Power Input                    | W           | 50               | 80               | 90               | 95               | 105              |
| Noise Level (H/M/L)            | dB(A)       | 42/40/38         | 45/43/40         | 47/43/40         | 47/45/42         | 52/48/43         |
| Water Flow Rate                | l/h         | 460              | 605              | 908              | 1074             | 1374             |
| Water Pressure Drop            | Kpa         | 10               | 16               | 45               | 38               | 31.2             |
| Coil (Rows/Dia.)               | nos./mm     | 2 Row / 7 mm OD  | 2 Row / 7 mm OD  | 2 Row / 7 mm OD  | 2 Row / 7 mm OD  | 2 Row / 7 mm OD  |
| Cooling Coil Lenth (LxHxW)     | mm          | 612 x 280 x 22.6 | 700 x 336 x 25.4 | 778 x 357 x 25.4 | 778 x 357 x 25.4 | 965 x 420 x 27   |
| Coil Tube Dia (inner groved)   | mm          | Ø6.35            | Ø7               | Ø7               | Ø7               | Ø7               |
| Pipe Connection (Inlet/Outlet) | inch        | G3/4             | G3/4             | G3/4             | G3/4             | G3/4             |
| Drain Pipe Connection          | mm          | Ø20              | Ø20              | Ø20              | Ø20              | Ø20              |
| Dimensions (WxHxD)             | mm          | 790 x 270 x 200  | 900 x 291 x 220  | 1025 x 235 x 320 | 1045 x 325 x 320 | 1250 x 325 x 230 |
| Packing Dimensions (WxHxD)     | mm          | 900 x 600 x 340  | 900 x 600 x 340  | 1105 x 315 x 405 | 1105 x 315 x 405 | 1340 x 450 x 380 |

\* Above capacities are based on water inlet 7°C & Outlet at 12°C

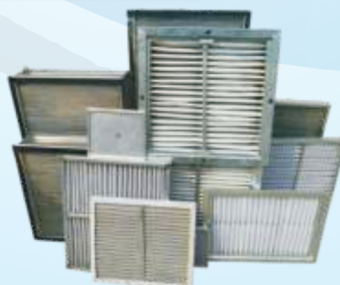
\* No Test Certificate provided with this Version.

## HVAC Filters

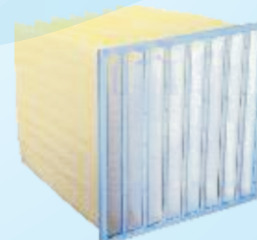
We have complete HVAC Filtration Solutions. Our wide range varies from coarse filtration of 50 microns to as fine as 0.3 Micron. Moreover the kitchen hood filters range makes us a complete solution provider for hotels, hospitals, corporate buildings etc.



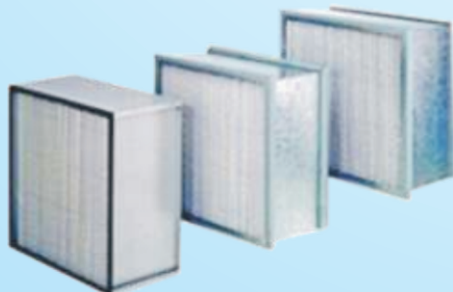
AHU Filters



Panel Filters



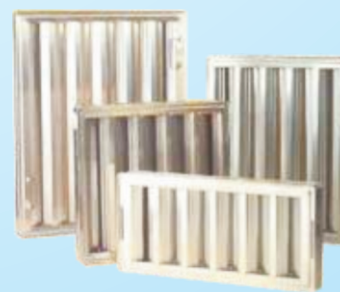
Pocket Filters



HEPA Filters



FCU Filters



Kitchen Hood / Grease Filters



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