



## Submittal Data Sheet: WMMS-24EC-V2B(59)2

### INDOOR UNIT



**WMMS-24EC-V2B(59)2**

### ACCESSORIES

- REPLACEMENT FILTERS
- THERMOSTAT
- MOUNTING BRACKETS
- COPPER/WIRE/ACC.SET
- BRIDGE CONTROLLER

|  |        |                    |  |
|--|--------|--------------------|--|
| <b>Model Number</b>                        |        | WMMS-24EC-V2B(59)2 |  |
| <b>Connection Pipes</b>                    |        |                    |  |
| Outer Diameter Liquid Pipe                 | inches | 3/8                |  |
| Outer Diameter Gas Pipe                    | inches | 5/8                |  |
| <b>Dimensions &amp; Weight Indoor Unit</b> |        |                    |  |
| Dimension of Unit (W x H x D)              | inches | 33.1 x 33.1 x 9.4  |  |
| Net /Gross Weight                          | lbs    | 66 / 84            |  |
| <b>Dimensions &amp; Weight Face Panel</b>  |        |                    |  |
| Dimensions of Unit (W x H x D)             | inches | 37.4 x 37.4 x 2.4  |  |
| Net /Gross Weight                          | lbs    | 14 / 22            |  |

|               |  |            |  |
|---------------|--|------------|--|
| Job Name:     |  | Tag #:     |  |
| Location      |  | Date:      |  |
| Engineer:     |  | Approval:  |  |
| Submitted to: |  | Unit #:    |  |
| Submitted by: |  | Drawing #: |  |
| Reference     |  | PO #:      |  |

### Ceiling Mount Cassette EC Unit

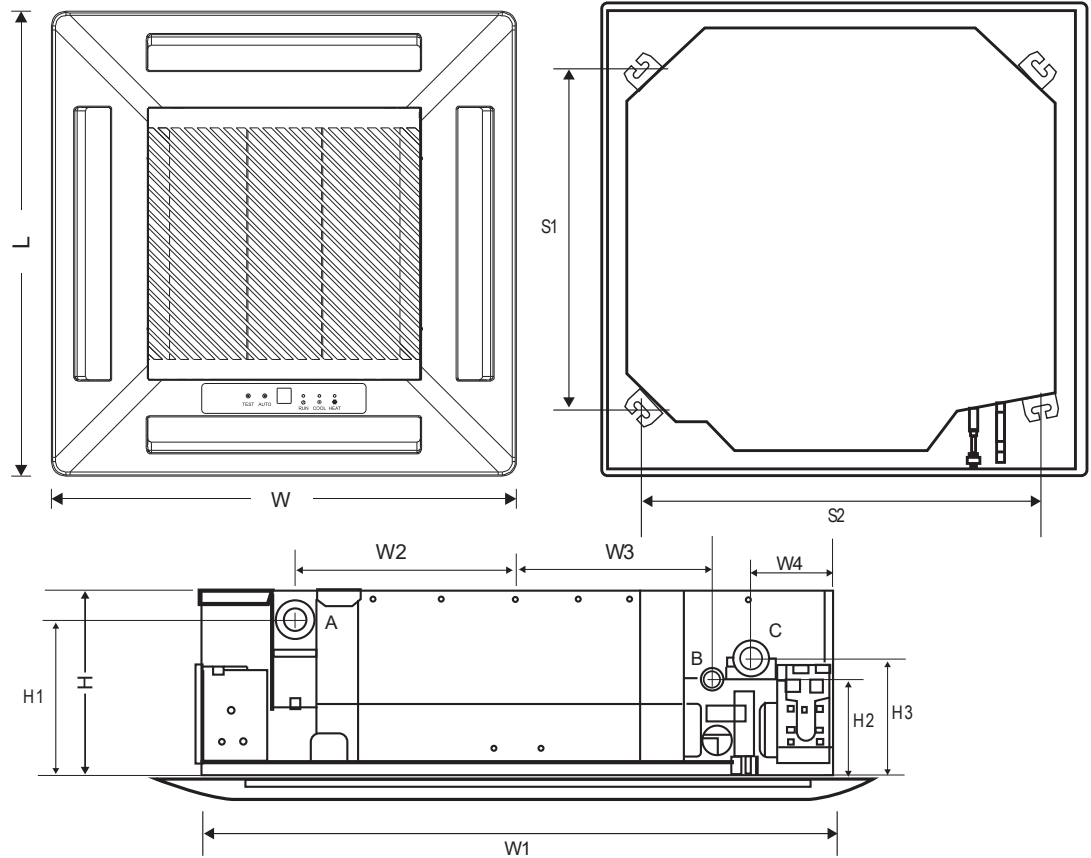
The EC indoor unit is the perfect solution for large open rooms that are more than 25' long or wide. YMGI's Ceiling Mount Cassette Units allow for easy installation into the 24" joist space and flush mount to the ceiling. Standard remote or wall mounted thermostats are available. Each unit has an indicator that displays unit mode, and a Wall Controller with an LED display that shows unit set temperature and mode settings as well as technician information.

| Items                      | Unit / Conditions         | WMMS-24EC-V2B(59)2                                 |
|----------------------------|---------------------------|--|
| Power Supply               | Voltage/Ph/Hz             | 208-230 / 1 / 60                                   |
|                            | Allowed Voltage Range     | 187 - 253  |
| Cooling Capacity (Btu/h)   | High / Med / Low          | 26500 / 22800 / 9600                               |
|                            | ID 70 / 60, OD 47 / 43 °F | 27400  |
| Heating Capacity (Btu/h)   | ID 70 / 60, OD 17 / 15 °F | 23800  |
|                            | ID 70 / 60, OD 17 / 5 °F  | 20600  |
| SEER                       | Btu/h.W                   | 16   |
| HSPF                       | Btu/h.W                   | 8.2  |
| Dehumidifying Capacity     | Pints/Hr.                 | 5.28   |
| Air Flow (CFM)             | High / Medium / Low       | 694 / 522 / 366                                    |
| Air-throw (Ft.)            | Horizontal Installation   | 18'-25' Depending Upon Mounting Height/Speed/Temp. |
| External Static Pressure   | Water In.                 | 0  |
| Sound Level                | Pressure dB(A) (H/M/L)    | 45 / 43 / 41                                       |
|                            | Power dB(A) (H/M/L)       | 55 / 53 / 51                                       |
| Fan Motor                  | Model                     | FN35B-1  |
|                            | Shaft                     | Single   |
|                            | Speed (RPM, H/M/L)        | 570 / 520 / 280                                    |
|                            | Output (W)                | 50   |
|                            | Input (W)                 | 165  |
| Fan Wheel                  | Capacitor (uF)            | 3  |
|                            | Type-Piece                | Centrifugal-1                                      |
| Swing/Step Motor           | Diameter x Height (In.)   | 17.7 x 4.4   |
|                            | Model                     | MP35CB   |
| Input Power of Ele. Heater | Piece                     | 2  |
|                            | Output (W)                | 2  |
| Electrical Protection Fuse | Type-W                    | NA   |
| Evaporator Coil            | PCB / Transformer         | T3.15A 250V / 0.2A                                 |
|                            | Type                      | Alu. Fin/Inner Grooved Copper Tube                 |
| Copper Line Connections    | Color                     | Blue   |
|                            | Sealed by Dry Nitrogen    | Yes  |
| Drain Hose Connection      | Flare/Nut-Liquid + Gas    | 3/8" + 5/8"  |
|                            | OD (In.)                  | 1.22   |
| Condensate Pump            | Lift (In.)                | 25   |
|                            | Refrigerant               | R410A  |
| Filter                     | Type-Feature              | Washable Particulate                               |
|                            | Size W x H (In.) - Qty.   | 21.38 x 21.34 - 1                                  |
| Anti-Mildew Function       |                           | Yes  |
| Pre-heating Function       |                           | Yes  |
| Memory Presets             |                           | Yes  |
| Auto-Restart Function      |                           | Yes  |

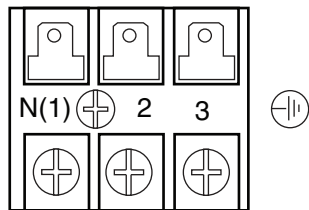


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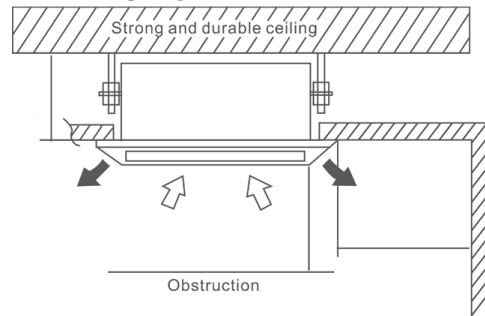
| Dimensions (inches) |           |
|---------------------|-----------|
| Faceplate           |           |
| L                   | 37 13/32" |
| W                   | 37 13/32" |
| Unit                |           |
| W1                  | 33 3/32"  |
| W2                  | 11 37/64" |
| W3                  | 10 3/64"  |
| W4                  | 2 3/64"   |
| H                   | 9 13/32"  |
| H1                  | 8 15/32"  |
| H2                  | 5 5/32"   |
| H3                  | 6 19/64"  |
| S1                  | 30 25/32" |
| S2                  | 26 13/16" |
| A                   | Ø 1"      |
| B                   | Ø 3/8     |
| C                   | Ø 5/8     |



### TERMINAL BLOCK



### CLEARANCES



### FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- Display shows set temperature & operating modes.
- Motorized louver system quietly distributes air evenly
- Wall Mount Controller
- "U-TOUCH" Remote Control.
- Stylish design
- Compatible with any 59 Series outdoor unit
- World-class quality compressors
- Standard flare brass connection valves
- Built to ETL/UL/CSA/ARI standards
- Easy installation and maintenance

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