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# THERMALZONE WAC12230R Owner's Manual

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# WINDOW UNITS High Efficiency, Quiet Operation and Stylish Compact Design



## FEATURES:

- Multiple Functions - Cooling, Dehumidifying & Fan Ventilation
- 3 Speed Fan Selection - Low/Medium/High
- Installation Kit with Expandable Side Panels
- Retracting Louvers
- Window or Through-the-Wall Installation
- Slide Out Galvanized Steel Cabinet for Easy Installation
- Protective Rear Grille & Cabinet
- Warranty 5 Years Compressor, 1 Year Parts



## Remote Controlled Models

|                               | WAC6115R     | WAC6115RB    | WAC8115R     | WAC8115RB    | WAC10115R    | WAC12115R    | WAC12115RB   | WAC12230R    | WAC18230R    | WAC24230R    |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| BTU COOLING                   | 6000         | 6000         | 8000         | 8000         | 10000        | 12000        | 12000        | 12000        | 18000        | 24000        |
| BTU HEATING                   | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           |
| EER                           | 9.7          | 9.7          | 9.8          | 9.8          | 9.8          | 9.8          | 9.8          | 9.8          | 9.7          | 8.5          |
| DEHUMIDIFICATION (pints/hour) | 1.94         | 2.46         | 3.7          | 2.82         | 3.17         | 2.7          | 3.52         | 3.52         | 4.6          | 6.5          |
| AIRFLOW (CFM)                 | 159          | 164          | 188          | 188          | 306          | 294          | 310          | 310          | 459          | 618          |
| VOLTAGE                       | 115          | 115          | 115          | 115          | 115          | 115          | 115          | 208/230      | 208/230      | 208/230      |
| FREQUENCY/cycle               | 60           | 60           | 60           | 60           | 60           | 60           | 60           | 60           | 60           | 60           |
| AMPS COOLING                  | 7.53         | 5.6          | 9.7          | 7.6          | 11           | 14.56        | 11           | 8.2          | 12.57        | 13.1         |
| AMPS HEATING                  | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           |
| WATTS COOLING                 | 760          | 620          | 970          | 820          | 1250         | 1210         | 1225         | 1595         | 1810         | 2710         |
| WATTS HEATING                 | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           |
| PLUG TYPE/NEMA #              | Type A5-15P  | Type A5-15P  | Type A/5-15P | Type A5-15P  | Type/A5-15P  | Type A/5-15P | Type A/5-15P | Type B/6-15P | Type C/6-20P | Type/C6-20P  |
| POWER CORD RATING/ amps       | 15           | 15           | 15           | 15           | 15           | 15           | 15           | 15           | 20           | 20           |
| POWER CORD TYPE               | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         |
| POWER CORD LENGTH             | 4'           | 4'           | 4'           | 4'           | 4'           | 6'           | 4'           | 4'           | 6'           | 6'           |
| REFRIGERANT                   | R22          | R22          | R22          | R22          | R22          | R22          | R22          | R22          | R22          | R22          |
| REFRIGERANT CHARGE/ Oz.       | 13           | 12.7         | 27.5         | 15.5         | 21.5         | 33.12        | 21.5         | 21.5         | 27.84        | 33.44        |
| SOUND (INDOOR/OUTDOOR)dba     | 58/62        | 57/61        | 56/62        | 57/63        | 58/62        | 56/61        | 58/62        | 58/62        | 56/61        | 56/61        |
| 4 WAY AIR ADJUSTMENT          | No           | NO           | No           | NO           | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          |
| 2 WAY AIR SWING               | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          |
| AIR DISCHARGE                 | Top          | Top          | Top          | Top          | Top          | Top          | Top          | Top          | Side         | Side         |
| MOTOR TYPE                    | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing |
| MOTOR CAPACITOR / mfd         | 5            | 6            | 6            | 6            | 15           | 15           | 15           | 4            | 7            | 7            |
| CONTROLS                      | Remote       | Remote       | Remote       | Remote       | Remote       | Remote       | Remote       | Remote       | Remote       | Remote       |
| OPERATING RANGE               | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    |
| CABINET SIZE/ inches          |              |              |              |              |              |              |              |              |              |              |
| Width                         | 18.5         | 17 3/4       | 18.5         | 18 1/2       | 22.6         | 22.5         | 22.6         | 22.6         | 26           | 26           |
| Depth                         | 15           | 13 5/16      | 17.7         | 15 3/4       | 21.3         | 24           | 21.2         | 21.3         | 28           | 30.5         |
| Height                        | 13.2         | 12 7/16      | 13.2         | 13 1/8       | 15.3         | 15.5         | 15.3         | 15.3         | 17           | 17           |
| WINDOW OPENING WIDTH          | 25-38        | 25-38        | 25-38        | 25-38        | 27-38        | 27-38        | 27-38        | 27-38        | 30-46        | 30-46        |
| THRU WALL MAX THICKNESS       | 8 3/4        | 8 3/4        | 8 3/4        | 8 3/4        | 8 3/4        | 5 1/2        | 8 3/16       | 8 3/16       | 8 1/2        | 8 1/2        |
| N.W. / G.W lbs.               | 48/62        | 48/56        | 59/73        | 53/64        | 86/99        | 97/115       | 92/110       | 90/103       | 150/163      | 165/183      |
| APPROVALS                     | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       |

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## Manual Controlled Models

|                               | WAH8115M     | WAC12115M    | WAC12115MB   | WAC12230M    | WAC12230MB   | WAH12230M    | WAC24230M    | WAH18230M    | WAH24230M    |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| BTU COOLING                   | 8000         | 12000        | 12000        | 12000        | 12000        | 11600        | 24000        | 18000        | 23700-23200  |
| BTU HEATING                   | 3800         | NA           | NA           | NA           | NA           | 10700        | NA           | 11000        | 11000-8700   |
| EER                           | 9.8          | 9.8          | 9.8          | 9.8          | 9.8          | 9.8          | 8.5          | 9.7          | 8.5          |
| DEHUMIDIFICATION (pints/hour) | 2.29         | 2.7          | 3.52         | 2.9          | 3.52         | 2.6          | 6.5          | 4.2          | 8.1          |
| AIRFLOW (CFM)                 | 310          | 294          | 310          | 294          | 310          | 310          | 618          | 450          | 589          |
| VOLTAGE                       | 115          | 115          | 115          | 208/230      | 208/230      | 208/230      | 208/230      | 208/230      | 208/230      |
| FREQUENCY/cycle               | 60           | 60           | 60           | 60           | 60           | 60           | 60           | 60           | 60           |
| AMPS COOLING                  | 9.74         | 14.56        | 11           | 7.07         | 6.2          | 5.7          | 13.1         | 8.75         | 13.0-14.0    |
| AMPS HEATING                  | 12.6         | NA           | NA           | NA           | NA           | 14.84        | NA           | 15.4         | 16.0-15.6    |
| WATTS COOLING                 | 972          | 1210         | 1225         | 1210         | 1225         | 1164         | 2710         | 1885         | 2790-2740    |
| WATTS HEATING                 | 1380         | NA           | NA           | NA           | NA           | 3500         | NA           | 3500         | 3680-3030    |
| PLUG TYPE/NEMA #              | Type A/5-15P | Type A5-15P  | Type A/5-15P | Type B/6-15P | Type B/6-15P | Type B/6-20P | Type C/6-20P | Type C/6-20P | Type C/6-20P |
| POWER CORD RATING/ amps       | 15           | 15           | 15           | 15           | 15           | 20           | 20           | 20           | 20           |
| POWER CORD TYPE               | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         | LCDI         |
| POWER CORD LENGTH             | 4'           | 6'           | 4'           | 6'           | 4'           | 6'           | 6'           | 6'           | 6 1/2'       |
| REFRIGERANT                   | R22          | R22          | R22          | R22          | R22          | R22          | R22          | R22          | R22          |
| REFRIGERANT CHARGE/ Oz.       | 22.2         | 33.12        | 21.5         | 32.32        | 21.5         | 32.32        | 33.44        | 27.84        | 33.44        |
| SOUND (INDOOR/OUTDOOR)dba     | 56/62        | 56/61        | 58/62        | 56/61        | 58/62        | 58/62        | 56/61        | 59/63        | 60/63        |
| 4 WAY AIR ADJUSTMENT          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          |
| 2 WAY AIR SWING               | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          | Yes          |
| AIR DISCHARGE                 | Top          | Top          | Top          | Top          | Top          | Top          | Side         | Side         | Side         |
| MOTOR TYPE                    | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing | Ball Bearing |
| MOTOR CAPACITOR / mfd         | 15           | 15           | 15           | 4            | 15           | 4            | 7            | 7            | 7            |
| CONTROLS                      | Mechanical   | Mechanical   | Mechanical   | Mechanical   | Mechanical   | Mechanical   | Mechanical   | Mechanical   | Mechanical   |
| OPERATING RANGE               | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 86°F    | 64 - 89°F    | 64 - 86°F    | 64 - 89°F    | 64 - 89°F    |
| CABINET SIZE/ inches          |              |              |              |              |              |              |              |              |              |
| Width                         | 22.6         | 22.5         | 22.6         | 22.5         | 22.6         | 22.5         | 26           | 26           | 26"          |
| Depth                         | 23.6         | 24           | 21.2         | 24           | 21.2         | 24           | 30.5         | 28           | 31 1/4"      |
| Height                        | 15.3         | 15.5         | 15.3         | 15.5         | 15.3         | 15.5         | 17           | 17           | 16 7/8"      |
| WINDOW OPENING WIDTH          | 27-38        | 27-38        | 27-38        | 27-38        | 27-38        | 28-44        | 30-46        | 30-46        | 30"-46"      |
| THRU WALL MAX THICKNESS       | 8 3/4        | 5 1/2        | 8 3/16       | 5 1/2        | 8 3/16       | 5 1/2        | 8 1/2        | 8 1/2        | 8.5"         |
| N.W. / G.W lbs.               | 88/106       | 97/115       | 92/110       | 97/115       | 92/110       | 97/114       | 165/183      | 150/163      | 165/183      |
| APPROVALS                     | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       | UL/CUL       |