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THERMALZONE WAC24230R 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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- Retracting Louvers
- Window or Through-the-Wall Installation
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- Protective Rear Grille & Cabinet
- Warranty 5 Years Compressor, 1 Year Parts



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 |