

# SINGLE ZONE SOLUTIONS



The ultimate combination of performance and comfort, Altitude Series delivers efficiencies up to 23.5 SEER/23.5 SEER2 and whisper-quiet operation; as low as 23 dB(A). Available Capacities: 9,000 BTU, 12,000 BTU, 15,000 BTU, 18,000 BTU, and 24,000 BTU.



## EASIER TO: DO THE JOB

### DETACHABLE BOTTOM COVER

Easy contractor access for connecting advanced diagnostic service tools.

### EASY INSTALLATION CLIP

Built-in bracket allows more room to install and service.

### 2-WAY PIPING DRAIN

Right or left side drain configuration simplifies installation.

### MOUNTING TEMPLATE

Printed cardboard mounting template is convenient for single-person installation.

### MOUNTING PLATE WITH DIMENSIONS

Get the centerline of the line set and drain opening in the right location, each time and every time.

## EASIER TO: CLOSE THE SALE

### DC INVERTER TECHNOLOGY

Latest high efficiency DC Inverter technology provides high efficiency systems that lower homeowner's energy bills.

### BASE PAN HEATER

Base pan heater allows for low ambient heating down to -15°F degrees provides customers peace of mind that their heat pump will perform in extreme conditions.

### BLUE FIN

A hydrophilic aluminum fin, ensures condensing water flows smoothly.

### 5 OPERATING MODES

Turbo, high, medium, low, and quiet modes allow homeowners to have maximum comfort.

Note: Features vary by individual models.





# HIGH WALL SPECIFICATIONS

**Compressor Type:**  
DC Inverter Driven Rotary

**Voltage/Cycle/Phase:**  
208-230/60/1



**WIFI**  
Adaptable with  
WiFi Adapter (AWF01RWA)



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|                   |                                                          | O9PR                  | 12PR                  | 15PR                 | 18PR                 | 24PR                   |
|-------------------|----------------------------------------------------------|-----------------------|-----------------------|----------------------|----------------------|------------------------|
|                   | <b>Outdoor Unit</b>                                      | ASH109PRDWA           | ASH112PRDWA           | ASH115PRDWA          | ASH118PRDWA          | ASH124PRDWA            |
|                   | UPC                                                      | 084691846307          | 084691846338          | 084691846390         | 084691846352         | 084691846376           |
|                   | <b>Indoor Unit</b>                                       | ASYW09PRDWB           | ASYW12PRDWB           | ASYW15PRDWB          | ASYW18PRDWB          | ASYW24PRDWB            |
|                   | UPC                                                      | 084691846314          | 084691846321          | 084691846383         | 084691846345         | 084691846369           |
| Cooling           | Rated Capacity Btu/hr                                    | 9,000                 | 12,000                | 15,000               | 17,000               | 22,000                 |
|                   | Capacity Range Btu/hr                                    | 3,200 - 12,500        | 3,300 - 15,000        | 5,400 - 24,000       | 5,400 - 26,500       | 6,400 - 30,000         |
|                   | SEER/SEER2                                               | 23.5/23.5             | 23.0/23.0             | 21.5/21.5            | 21.0/21.0            | 20.0/20.0              |
|                   | EER/EER2                                                 | 14.5/14.5             | 12.5/12.5             | 12.5/12.5            | 12.5/12.5            | 12.5/12.5              |
|                   | Moisture Removal Pt./hr                                  | 3.50                  | 3.90                  | 4.10                 | 4.30                 | 7.00                   |
| Heating           | Heating Capacity Range Btu/hr                            | 3,800 - 15,600        | 3,900 - 20,000        | 4,000 - 26,000       | 4,000 - 30,000       | 6,200 - 36,000         |
|                   | Rated Heating Capacity 47°F Btu/hr                       | 10,000                | 13,000                | 16,000               | 22,000               | 27,600                 |
|                   | COP @ 47°F                                               | 4.4                   | 3.5                   | 3.4                  | 3.4                  | 3.3                    |
|                   | Max. Heating Capacity 5°F Btu/hr                         | 10,000                | 13,000                | 16,000               | 17,000               | 20,000                 |
|                   | Max Heating Capacity -15°F Btu/hr                        | 6,500                 | 7,500                 | 10,000               | 12,000               | 14,000                 |
| Operating Range   | HSPF/HSPF2 (IV)/HSPF (V)                                 | 10.5/9.3/6.9          | 11.0/10.2/7.7         | 10.5/9.6/7.6         | 10.5/9.5/7.3         | 10.5/9.5/7.5           |
|                   | Cooling °F (°C)*                                         | 14-115°F (-10-46°C)   | 14-115°F (-10-46°C)   | 14-115°F (-10-46°C)  | 14-115°F (-10-46°C)  | 14-115°F (-10-46°C)    |
| Outdoor Unit      | Heating °F (°C)                                          | -15-75°F (-26-24°C)   | -15-75°F (-26-24°C)   | -15-75°F (-26-24°C)  | -15-75°F (-26-24°C)  | -15-75°F (-26-24°C)    |
|                   | Maximum Fuse Size A                                      | 15                    | 15                    | 20                   | 20                   | 30                     |
|                   | Minimum Circuit Amp A                                    | 11                    | 11                    | 14                   | 14                   | 20                     |
|                   | Outdoor Noise Level dB                                   | 54                    | 54                    | 55                   | 55                   | 57                     |
|                   | Dimension: Height in (mm)                                | 23 1/2 (597)          | 23 1/2 (597)          | 27 7/16 (697)        | 27 7/16 (697)        | 30 (762)               |
|                   | Dimension: Width in (mm)                                 | 30 11/16 (780)        | 30 11/16 (780)        | 35 (890)             | 35 (890)             | 36 3/16 (920)          |
|                   | Dimension: Depth in (mm)                                 | 11 7/16 (290)         | 11 7/16 (290)         | 13 7/8 (353)         | 13 7/8 (353)         | 15 1/8 (385)           |
| Indoor Unit       | ODU Weight Ship/Net - lbs                                | 90.2/78.3             | 90.2/78.3             | 117.5/100.3          | 117.5/100.3          | 149.5/130.1            |
|                   | Fan Speed Stages                                         | 5 + Auto              | 5 + Auto              | 5 + Auto             | 5 + Auto             | 5 + Auto               |
|                   | Cooling Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet) | 1150/1050/900/750/650 | 1150/1050/900/750/650 | 1100/950/850/750/700 | 1100/950/850/750/700 | 1250/1150/1000/850/800 |
|                   | Heating Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet) | 1100/1000/850/700/650 | 1100/1000/850/700/650 | 1050/850/775/700/600 | 1050/850/775/700/600 | 1250/1150/1000/850/800 |
|                   | Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)           | 385/335/265/200/175   | 400/360/285/215/190   | 620/545/335/290/210  | 620/545/335/290/210  | 635/575/480/390/355    |
|                   | Heating Airflow CFM (Turbo/High/Med/Low/Quiet)           | 370/320/250/190/175   | 380/340/270/200/190   | 590/490/305/270/180  | 590/490/305/270/180  | 635/575/480/390/355    |
|                   | Sound Level dB (Turbo/High/Med/Low/Quiet)                | 44/40/35/31/23        | 45/41/36/32/23        | 48/46/42/36/34       | 48/46/42/36/34       | 49/47/42/36/34         |
|                   | Dimension: Height in (mm)                                | 12 1/4 (310)          | 12 1/4 (310)          | 13 1/4 (336)         | 13 1/4 (336)         | 13 1/4 (336)           |
|                   | Dimension: Width in (mm)                                 | 35 7/16 (900)         | 35 7/16 (900)         | 43 7/8 (1115)        | 43 7/8 (1115)        | 43 7/8 (1115)          |
|                   | Dimension: Depth in (mm)                                 | 8 7/16 (215)          | 8 7/16 (215)          | 9 9/16 (243)         | 9 9/16 (243)         | 9 9/16 (243)           |
| Refrigerant Lines | IDU Weight Ship/Net - lbs                                | 31/25.5               | 31/25.5               | 43.5/35.5            | 43.5/35.5            | 45.5/38                |
|                   | Connections                                              | Flare                 | Flare                 | Flare                | Flare                | Flare                  |
|                   | Liquid O.D. in                                           | 1/4                   | 1/4                   | 1/4                  | 1/4                  | 1/4                    |
|                   | Suction O.D. in                                          | 3/8                   | 3/8                   | 1/2                  | 1/2                  | 1/2                    |
|                   | Factory Charge Oz                                        | 38.8                  | 38.8                  | 52.2                 | 52.2                 | 74.1                   |
|                   | Max Line Length Ft/m                                     | 50/15                 | 50/15                 | 83/25                | 83/25                | 83/25                  |
|                   | Max Height Ft/m                                          | 33/10                 | 33/10                 | 50/15                | 50/15                | 50/15                  |

\*Cooling below 23°F (-5°C) requires wind baffle. Please refer to technical literature for model compatibility and instructions.

Pub No. 26-G2304  
Rev. 05-11-23

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