



Single zone features, benefits, and performance, available for multi-zone applications.

Matching one outdoor unit with a variety of multiple indoor units provides contractors unprecedented application flexibility.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** Criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

# Multi-Zone Systems

## Multi-Zone Outdoor Units



Arctic features, benefits, and performance, available for multi-zone applications.

The Arctic Multi Series provides an exceptional experience for year-round comfort. The system is capable of providing 100% rated heating capacity at 5°F and toasty warm air at -15°F.

## Specifications

Compressor Type:  
DC Inverter Driven Rotary  
Voltage/Cycle/Phase:  
208-230/60/1

2 Zones



3 Zones



4 Zones



|                       |                                                            | 2U20EH2HDA                                      | 3U24EH2HDA                                      | 4U36EH2HDA                                      |
|-----------------------|------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                       | UPC                                                        | 084691876601                                    | 084691876618                                    | 084691876625                                    |
| Cooling<br>Non-Ducted | Rated Capacity Btu/hr                                      | 18,000                                          | 22,000                                          | 33,400                                          |
|                       | Capacity Range Btu/hr                                      | 6,000 - 21,000                                  | 9,000 - 25,000                                  | 10,000 - 36,000                                 |
|                       | SEER2                                                      | 18.0                                            | 19.5                                            | 19.0                                            |
|                       | EER2                                                       | 12.0                                            | 12.0                                            | 9.3                                             |
| Cooling<br>Ducted     | Rated Capacity Btu/hr                                      | 17,000                                          | 21,400                                          | 33,000                                          |
|                       | Capacity Range Btu/hr                                      | 6,000 - 20,000                                  | 9,000 - 24,000                                  | 10,000 - 36,000                                 |
|                       | SEER2                                                      | 16.0                                            | 17.0                                            | 15.7                                            |
|                       | EER2                                                       | 11.0                                            | 11.0                                            | 8.8                                             |
| Heating<br>Non-Ducted | Heating Capacity Range Btu/hr                              | 5,000 - 23,000                                  | 7,200 - 27,000                                  | 9,000 - 37,000                                  |
|                       | Rated Heating Capacity 47°F Btu/hr                         | 22,000                                          | 26,000                                          | 36,000                                          |
|                       | Max. Heating Capacity 5°F Btu/hr                           | 18,500                                          | 19,000                                          | 26,000                                          |
|                       | COP @ 5°F/ @ 47°F                                          | 2.0/3.39                                        | 1.9/3.72                                        | 2.0/3.60                                        |
|                       | Max. Heating Capacity -15°F Btu/hr                         | 14,000                                          | 16,000                                          | 15,000                                          |
|                       | HSPF2 (IV)/HSPF2 (V)                                       | 10.2/8.3                                        | 10.2/8.0                                        | 9.5/7.4                                         |
| Heating<br>Ducted     | Heating Capacity Range Btu/hr                              | 5,000 - 23,000                                  | 7,200 - 27,000                                  | 10,000 - 36,000                                 |
|                       | Rated Heating Capacity 47°F Btu/hr                         | 22,000                                          | 26,000                                          | 34,000                                          |
|                       | Max. Heating Capacity 5°F Btu/hr                           | 18,000                                          | 21,000                                          | 24,200                                          |
|                       | COP @ 5°F/ @ 47°F                                          | 1.85/ 3.34                                      | 1.85/ 3.46                                      | 2.00/ 3.38                                      |
|                       | Max. Heating Capacity -15°F Btu/hr                         | 14,000                                          | 16,000                                          | 18,500                                          |
|                       | HSPF2 (IV)/HSPF2 (V)                                       | 9.8/8.0                                         | 9.5/7.8                                         | 8.7/7.0                                         |
| Operating<br>Range    | Cooling °F (°C)*                                           | 14~115°F (-10~46°C)                             | 14~115°F (-10~46°C)                             | 14~115°F (-10~46°C)                             |
|                       | Heating °F (°C)                                            | -15~75°F (-26~24°C)                             | -15~75°F (-26~24°C)                             | -15~75°F (-26~24°C)                             |
| Power Supply          | Wire Size between ID and OD                                | 14/4 AWG Stranded                               | 14/4 AWG Stranded                               | 14/4 AWG Stranded                               |
|                       | Maximum Fuse Size A                                        | 25                                              | 30                                              | 40                                              |
|                       | Minimum Circuit Amp A                                      | 20                                              | 23                                              | 33                                              |
| Outdoor Unit          | Outdoor Fan Speed RPM                                      | 300 - 850                                       | 300 - 850                                       | 300 - 880                                       |
|                       | Outdoor Noise Level dB                                     | 58                                              | 58                                              | 59                                              |
|                       | Dimension: H x W x D in (mm)                               | 33 1/8 x 37 3/8 x 13 1/2<br>(840 x 948 x 340)   | 33 1/8 x 37 3/8 x 13 1/2<br>(840 x 948 x 340)   | 38 x 37 1/2 x 14 5/8<br>(965 x 950 x 370)       |
|                       | Carton Dimension: H x W x D in (mm)                        | 41 3/8 x 41 3/4 x 16 1/2<br>(1048 x 1060 x 420) | 41 3/8 x 41 3/4 x 16 1/2<br>(1048 x 1060 x 420) | 46 1/8 x 41 3/8 x 19 1/8<br>(1170 x 1050 x 485) |
|                       | Weight Ship/Net - lbs (kg)                                 | 191.6/157.9 (86.9/71.6)                         | 193.6/159.9 (87.8/72.5)                         | 218/181 (99/82.2)                               |
|                       | Base Pan Heater                                            | Standard                                        | Standard                                        | Standard                                        |
|                       | Connections                                                | Flare                                           | Flare                                           | Flare                                           |
| Refrigerant<br>Lines  | Liquid O.D. in                                             | 1/4 1/4                                         | 1/4 1/4 1/4                                     | 1/4 1/4 1/4 1/4                                 |
|                       | Suction O.D. in                                            | 3/8 3/8                                         | 3/8 3/8 1/2                                     | 3/8 3/8 3/8 1/2                                 |
|                       | Factory Charge Oz                                          | 69.0                                            | 82.0                                            | 102.0                                           |
|                       | Maximum Line Length Ft/m                                   | 164/50                                          | 197/60                                          | 230/70                                          |
|                       | Maximum Height Ft/m                                        | 50/15                                           | 50/15                                           | 50/15                                           |
|                       | Minimum Line Length for each individual indoor unit Ft / m | 10/3                                            | 10/3                                            | 10/3                                            |
|                       | Maximum Line Length for each individual indoor unit Ft / m | 82/25                                           | 82/25                                           | 82/25                                           |
|                       | Maximum Line Length without additional charge Ft / m       | 66/20                                           | 98/30                                           | 131/40                                          |

\*Cooling below 23°F (-5°C) requires wind baffle.



Next Generation Flexible Performance for Multi-Zone Applications.

FlexFit multi-zone next generation systems come in 2, 3, 4, and 5 zone options with the ability to operate 2 to 5 indoor units giving owners flexible control across rooms.

## Specifications

Compressor Type:  
DC Inverter Driven Rotary

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

2 Zones



3 Zones



4 Zones



5 Zones



|                    |                                                            | 2U18MS2HDA                                    | 3U24MS2HDA                                    | 4U36MS2HDA                                      | 5U42MS2HDA                                      |
|--------------------|------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                    | UPC                                                        | 084691876526                                  | 084691876540                                  | 084691876564                                    | 084691910053                                    |
| Cooling Non-Ducted | Rated Capacity Btu/hr                                      | 18,000                                        | 22,600                                        | 34,000                                          | 41,000                                          |
|                    | Capacity Range Btu/hr                                      | 4,500 - 19,500                                | 5,000 - 24,000                                | 10,000 - 37,000                                 | 10,000 - 42,500                                 |
|                    | SEER2                                                      | 21.0                                          | 22.0                                          | 19.0                                            | 18.0                                            |
|                    | EER2                                                       | 12.7                                          | 12.8                                          | 9.0                                             | 7.8                                             |
| Cooling Ducted     | Rated Capacity Btu/hr                                      | 18,000                                        | 22,600                                        | 34,000                                          | 41,000                                          |
|                    | Capacity Range Btu/hr                                      | 5,000 - 20,000                                | 5,000 - 24,000                                | 10,000 - 37,000                                 | 10,000 - 42,500                                 |
|                    | SEER2                                                      | 18.0                                          | 16.0                                          | 16.0                                            | 14.8                                            |
|                    | EER2                                                       | 11.2                                          | 11.0                                          | 8.8                                             | 7.2                                             |
| Heating Non-Ducted | Heating Capacity Range Btu/hr                              | 3,000 - 22,000                                | 4,000 - 26,000                                | 6,500 - 38,000                                  | 7,000 - 43,000                                  |
|                    | Rated Heating Capacity 47°F Btu/hr                         | 21,000                                        | 25,000                                        | 36,000                                          | 42,000                                          |
|                    | Max. Heating Capacity 5°F Btu/hr                           | 10,800                                        | 10,000                                        | 22,600                                          | 26,000                                          |
|                    | COP @ 5°F / @ 47°F                                         | 1.58/3.52                                     | 1.8/3.66                                      | 1.75/3.35                                       | 1.9/3.40                                        |
|                    | Heating Capacity -4°F Btu/hr                               | 11,400                                        | 12,000                                        | 18,000                                          | 22,000                                          |
|                    | HSPF2 (IV)/HSPF2 (V)                                       | 10.0/7.5                                      | 10.0/7.5                                      | 9.4/7.0                                         | 8.8/6.7                                         |
| Heating Ducted     | Heating Capacity Range Btu/hr                              | 3,000 - 20,000                                | 4,000 - 26,000                                | 6,500 - 38,000                                  | 7,000 - 43,000                                  |
|                    | Rated Heating Capacity 47°F Btu/hr                         | 19,000                                        | 25,000                                        | 36,000                                          | 42,500                                          |
|                    | Max. Heating Capacity 5°F Btu/hr                           | 11,300                                        | 12,500                                        | 21,000                                          | 27,000                                          |
|                    | COP @ 5°F / @ 47°F                                         | 1.46/3.52                                     | 1.80/3.41                                     | 1.80/3.15                                       | 1.9/3.56                                        |
|                    | Heating Capacity -4°F Btu/hr                               | 9,200                                         | 11,000                                        | 17,000                                          | 22,000                                          |
|                    | HSPF2 (IV)/HSPF2 (V)                                       | 8.5/6.5                                       | 9.0/6.8                                       | 8.4/6.6                                         | 8.8/6.9                                         |
| Operating Range    | 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)                             |
|                    | Heating °F (°C)                                            | -4~75°F (-20~24°C)                            | -4~75°F (-20~24°C)                            | -4~75°F (-20~24°C)                              | -15~75°F (-26~24°C)                             |
| Power Supply       | Wire Size between ID and OD                                | 14/4 AWG Stranded                             | 14/4 AWG Stranded                             | 14/4 AWG Stranded                               | 14/4 AWG Stranded                               |
|                    | Maximum Fuse Size A                                        | 30                                            | 30                                            | 30                                              | 40                                              |
|                    | Minimum Circuit Amp A                                      | 19                                            | 22                                            | 26                                              | 33                                              |
| Outdoor Unit       | Outdoor Fan Speed RPM                                      | 300~700                                       | 300~700                                       | 300~880                                         | 300~880                                         |
|                    | Outdoor Noise Level dB                                     | 51                                            | 53                                            | 58                                              | 63                                              |
|                    | Dimension: H x W x D in (mm)                               | 27 5/8 x 35 1/2 x 13 1/2<br>(700 x 900 x 346) | 27 5/8 x 35 1/2 x 13 1/2<br>(700 x 900 x 346) | 33 1/8 x 37 3/8 x 13 1/2<br>(840 x 948 x 340)   | 38 x 37 1/2 x 14 5/8<br>(965 x 950 x 370)       |
|                    | Carton Dimension: H x W x D in (mm)                        | 31 1/8 x 39 3/8 x 17 1/2<br>(790 x 998 x 443) | 31 1/8 x 39 3/8 x 17 1/2<br>(790 x 998 x 443) | 41 3/8 x 41 3/4 x 16 1/2<br>(1048 x 1060 x 420) | 46 1/8 x 41 3/8 x 19 1/8<br>(1170 x 1050 x 485) |
|                    | Weight Ship/Net - lbs (kg)                                 | 130/115 (59/52)                               | 132/117 (60/53)                               | 194.5/161 (88.2/73)                             | 218/181 (99/82.2)                               |
|                    | Connectable Indoor Unit Quantity                           | 2                                             | 2 or 3                                        | 2, 3 or 4                                       | 2, 3, 4 or 5                                    |
|                    | Base Pan Heater                                            | No                                            | No                                            | No                                              | Standard                                        |
| Refrigerant Lines  | Connections                                                | Flare                                         | Flare                                         | Flare                                           | Flare                                           |
|                    | Liquid O.D. in                                             | 1/4 1/4                                       | 1/4 1/4 1/4                                   | 1/4 1/4 1/4 1/4                                 | 1/4 1/4 1/4 1/4 1/4                             |
|                    | Suction O.D. in                                            | 3/8 3/8                                       | 3/8 3/8 3/8                                   | 3/8 3/8 3/8 1/2                                 | 3/8 3/8 3/8 1/2 1/2                             |
|                    | Factory Charge Oz                                          | 60.0                                          | 67.0                                          | 90.0                                            | 113.0                                           |
|                    | Maximum Line Length Ft/m                                   | 98/30                                         | 197/60                                        | 230/70                                          | 262/80                                          |
|                    | Maximum Height Ft/m                                        | 50/15                                         | 50/15                                         | 50/15                                           | 50/15                                           |
|                    | Minimum Line Length for each individual indoor unit Ft / m | 10/3                                          | 10/3                                          | 10/3                                            | 10/3                                            |
|                    | Maximum Line Length for each individual indoor unit Ft / m | 66/20                                         | 82/25                                         | 82/25                                           | 82/25                                           |
|                    | Maximum Line Length without additional charge Ft / m       | 50/15                                         | 98/30                                         | 131/40                                          | 164/50                                          |

\*Cooling below 23°F (-5°C) requires wind baffle.

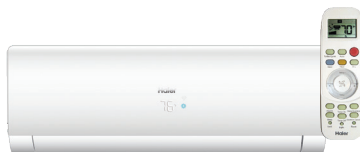
# Multi-Zone Systems

## Multi-Zone Indoor Units

### Highwall Indoor

#### FEATURES & BENEFITS:

- Built-in WiFi and Smart HQ
- Easy PCB replacement
- Blue Fin coating
- Long distance air supply
- Quiet operation down to 26dB(A)
- Turbo mode for faster cooling and heating



|                                                    | AW07TC2HDA                                    | AW09TC2HDA                                    | AW12TC2HDA                                    | AW18TC2HDA                                   | AW24TC2HDA                                     |
|----------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------------------------|
| UPC                                                | 084691885917                                  | 084691885924                                  | 084691885931                                  | 084691895251                                 | 084691885948                                   |
| Rated Cooling Capacity Btu/hr                      | 7,000                                         | 9,000                                         | 12,000                                        | 18,000                                       | 22,000                                         |
| Rated Heating Capacity Btu/hr                      | 8,000                                         | 10,000                                        | 13,000                                        | 19,000                                       | 24,000                                         |
| Voltage, Cycle, Phase V/Hz/Phase                   | 208-230/60/1                                  | 208-230/60/1                                  | 208-230/60/1                                  | 208-230/60/1                                 | 208-230/60/1                                   |
| Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)     | 400/315/274/222/187                           | 421/332/292/242/200                           | 426/360/310/265/200                           | 596/532/478/422/340                          | 846/744/668/592/482                            |
| Heating Airflow CFM (Turbo/High/Med/Low/Quiet)     | 387/302/241/198/156                           | 397/310/250/211/165                           | 404/320/274/229/166                           | 596/506/451/399/318                          | 846/707/631/560/451                            |
| Cooling Motor Speed RPM (Turbo/High/Med/Low/Quiet) | 1210/1010/910/810/730                         | 1250/1050/950/850/750                         | 1250/1100/1000/900/750                        | 1300/1150/1050/950/800                       | 1300/1150/1050/950/800                         |
| Heating Motor Speed RPM (Turbo/High/Med/Low/Quiet) | 1170/950/850/750/680                          | 1200/970/870/770/700                          | 1200/1020/920/820/700                         | 1300/1100/1000/900/750                       | 1300/1100/1000/900/750                         |
| Indoor Sound dB (Turbo/High/Med/Low/Quiet)         | 42/36/33/29/26                                | 42/36/33/29/26                                | 42/38/34/31/26                                | 48/45/42/39/36                               | 50/47/44/41/38                                 |
| Dimension: H x W x D in (mm)                       | 11 7/8 x 33 3/4 x 7 3/4<br>(301 x 856 x 196)  | 11 7/8 x 33 3/4 x 7 3/4<br>(301 x 856 x 196)  | 11 7/8 x 33 3/4 x 7 3/4<br>(301 x 856 x 196)  | 12 7/8 x 39 3/8 x 8 3/4<br>(327 x 999 x 223) | 13 1/4 x 43 7/8 x 9<br>(337 x 1115 x 230)      |
| Carton Dimension: H x W x D in (mm)                | 14 3/4 x 36 7/8 x 10 1/2<br>(374 x 937 x 265) | 14 3/4 x 36 7/8 x 10 1/2<br>(374 x 937 x 265) | 14 3/4 x 36 7/8 x 10 1/2<br>(374 x 937 x 265) | 16 x 42 3/4 x 11 5/8<br>(405 x 1085 x 296)   | 16 1/2 x 46 3/4 x 11 3/4<br>(417 x 1187 x 301) |
| Weight Ship/Net - lbs (kg)                         | 26.9/21.2 (12.2/9.6)                          | 26.9/21.2 (12.2/9.6)                          | 26.9/21.2 (12.2/9.6)                          | 34.77/28.06<br>(15.77/12.73)                 | 42.99/34.88<br>(19.50/15.82)                   |
| Liquid / Suction O.D. in                           | 1/4 3/8                                       | 1/4 3/8                                       | 1/4 3/8                                       | 1/4 1/2                                      | 1/4 1/2                                        |
| Moisture Removal Pt./hr                            | 2.3                                           | 2.5                                           | 3.4                                           | 4.2                                          | 5.1                                            |

### Cassette Indoor

#### FEATURES & BENEFITS:

- Blue Fin coating
- Fits 2' x 2' drop ceiling
- Easy access of electrical wiring
- Built-in condensate pump
- 4" fresh air knock out



|                                            | AB09SC2VHA                                      | AB12SC2VHA                                      | AB18SC2VHA                                      |
|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| UPC                                        | 688057405469                                    | 688057405476                                    | 688057405483                                    |
| Rated Cooling Capacity Btu/hr              | 9,000                                           | 12,000                                          | 18,000                                          |
| Rated Heating Capacity Btu/hr              | 10,000                                          | 13,000                                          | 19,000                                          |
| Voltage, Cycle, Phase V/Hz/Phase           | 208-230/60/1                                    | 208-230/60/1                                    | 208-230/60/1                                    |
| Airflow CFM (Turbo/High/Med/Low/Quiet)     | 410/365/305/265/205                             | 410/365/305/265/205                             | 470/410/365/295/252                             |
| Motor Speed RPM (Turbo/High/Med/Low/Quiet) | 830/760/690/620/560                             | 830/760/690/620/560                             | 850/800/760/680/590                             |
| Indoor Sound dB (Turbo/High/Med/Low/Quiet) | 42/40/36/32/25                                  | 42/40/36/32/25                                  | 45/42/40/36/32                                  |
| Grille Model                               | PB-700KB                                        | PB-700KB                                        | PB-700KB                                        |
| Chassis Dimension: HxWxD in (mm)           | 10 1/4 x 22 7/16 x 22 7/16<br>(260 x 570 x 570) | 10 1/4 x 22 7/16 x 22 7/16<br>(260 x 570 x 570) | 10 1/4 x 22 7/16 x 22 7/16<br>(260 x 570 x 570) |
| Grille Dimension: HxWxD in (mm)            | 2 3/8 x 27 9/16 x 27 9/16<br>(60 x 700 x 700)   | 2 3/8 x 27 9/16 x 27 9/16<br>(60 x 700 x 700)   | 2 3/8 x 27 9/16 x 27 9/16<br>(60 x 700 x 700)   |
| Weight Ship/Net - lbs (kg)                 | 46.3/37.5 (21/17)                               | 46.3/37.5 (21/17)                               | 46.3/37.5 (21/17)                               |
| Liquid / Suction O.D. in                   | 1/4 3/8                                         | 1/4 3/8                                         | 1/4 1/2                                         |
| Drainpipe Size O.D. in                     | 1 1/4*                                          | 1 1/4*                                          | 1 1/4*                                          |
| Condensate Pump                            | Standard                                        | Standard                                        | Standard                                        |
| Max. Drain-Lift Height in(mm)              | 47 1/4 (1200)                                   | 47 1/4 (1200)                                   | 47 1/4 (1200)                                   |

\*Condensate drain adapter shipped with the indoor unit is designed to accept a 3/4" PVC pipe.

## Mid-Static Ducted Units

### FEATURES & BENEFITS:

- Built-in condensate pump
- Up to 0.6" wg external static
- Compatible with all wired controllers
- Dry contact for auxiliary heat available
- Dry contact for outside air damper available
- Supply air plenum kit available
- MERV filter box kit available



Note: MSP ducted units do not include controller. A controller must be ordered separately.

|                                                  | USYM09UCDSA                                  | USYM12UCDSA                                  | USYM18UCDSA                                   | USYM24UCDSA                                   |
|--------------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| UPC                                              | 084691851554                                 | 084691851561                                 | 084691851578                                  | 084691851585                                  |
| Rated Cooling Capacity Btu/hr                    | 9,000                                        | 12,000                                       | 18,000                                        | 24,000                                        |
| Rated Heating Capacity Btu/hr                    | 10,000                                       | 13,000                                       | 19,000                                        | 25,000                                        |
| Voltage, Cycle, Phase V/Hz/Phase                 | 208-230/60/1                                 | 208-230/60/1                                 | 208-230/60/1                                  | 208-230/60/1                                  |
| Airflow (Turbo/High/Med/Low/Quiet) CFM           | 424/353/294/235/176                          | 494/424/353/294/235                          | 735/635/541/470/400                           | 835/735/635/541/470                           |
| Motor Speed RPM (Turbo/High/Med/Low/Quiet)       | 880/800/720/640/560                          | 950/870/780/680/600                          | 880/820/760/700/640                           | 950/880/820/760/700                           |
| Max. External Static Pressure in.W.G (Pa)        | 0.6 (150)                                    | 0.6 (150)                                    | 0.6 (150)                                     | 0.6 (150)                                     |
| Indoor Sound Level dB (Turbo/High/Med/Low/Quiet) | 44/41/38/35/32                               | 47/44/41/38/35                               | 48/45/42/39/36                                | 50/48/45/42/39                                |
| Chassis Dimension: HxWxD in (mm)                 | 9 3/4 x 27 1/2 x 27 1/2<br>(248 x 700 x 700) | 9 3/4 x 27 1/2 x 27 1/2<br>(248 x 700 x 700) | 9 3/4 x 43 3/8 x 27 1/2<br>(248 x 1100 x 700) | 9 3/4 x 43 3/8 x 27 1/2<br>(248 x 1100 x 700) |
| Weight Ship/Net - lbs (kg)                       | 66/57 (30/26)                                | 66/57 (30/26)                                | 77/70 (35/32)                                 | 77/70 (35/32)                                 |
| Liquid / Suction O.D. in                         | 1/4 3/8                                      | 1/4 3/8                                      | 1/4 1/2                                       | 3/8 5/8                                       |
| Drainpipe Size O.D. in                           | 1*                                           | 1*                                           | 1*                                            | 1*                                            |
| Condensate Pump                                  | Standard                                     | Standard                                     | Standard                                      | Standard                                      |
| Max. Drain-Lift height in(mm)                    | 27 9/16 (700)                                | 27 9/16 (700)                                | 27 9/16 (700)                                 | 27 9/16 (700)                                 |

\*Condensate drain adapter shipped with the indoor unit is designed to accept a 3/4" PVC pipe.

## Console Units

### FEATURES & BENEFITS:

- Mounted on floor or low wall installation
- Quiet operation
- Two-way air supply option



|                                                  | USYF09UCDWA                               | USYF12UCDWA                               | USYF18UCDWA                               |
|--------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| UPC                                              | 084691851523                              | 084691851530                              | 084691851547                              |
| Rated Cooling Capacity Btu/hr                    | 9,000                                     | 12,000                                    | 15,000                                    |
| Rated Heating Capacity Btu/hr                    | 10,000                                    | 13,000                                    | 18,000                                    |
| Voltage, Cycle, Phase V/Hz/Phase                 | 208-230/60/1                              | 208-230/60/1                              | 208-230/60/1                              |
| Airflow CFM (Turbo/High/Med/Low/Quiet)           | 264/235/205/176/147                       | 294/264/235/205/176                       | 341/311/282/252/223                       |
| Motor Speed RPM (Turbo/High/Med/Low/Quiet)       | 650/560/480/410/360                       | 700/590/510/440/390                       | 800/710/630/560/510                       |
| Indoor Sound Level dB (Turbo/High/Med/Low/Quiet) | 43/40/37/34/31                            | 45/42/39/36/33                            | 49/46/43/40/37                            |
| Chassis Dimension: HxWxD in (mm)                 | 23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220) | 23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220) | 23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220) |
| Weight Ship/Net - lbs (kg)                       | 35.7/27.8 (16.2/12.6)                     | 35.7/27.8 (16.2/12.6)                     | 45.2/36.6 (20.5/16.6)                     |
| Liquid / Suction O.D. in                         | 1/4 3/8                                   | 1/4 3/8                                   | 1/4 1/2                                   |
| Drainpipe Size O.D. in                           | 5/8                                       | 5/8                                       | 5/8                                       |

## Multi-Zone Combinations

|                                                                                     |             | OUTDOOR UNITS                                                                     |                                                                                   |            |                                                                                   |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|-------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|
|                                                                                     |             |  |                                                                                   |            |  |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|                                                                                     |             | ARCTIC MULTI                                                                      |                                                                                   |            | FLEXFIT MULTI                                                                     |                                                                                   |            |            |                                                                                     | CONTROLLERS*                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|                                                                                     |             |  |  |            |  |  |            |            |  |  |  |  |  |  |  |  |  |
|                                                                                     |             | 2U20EH2HDA                                                                        | 3U24EH2HDA                                                                        | 4U36EH2HDA | 2U18MS2HDA                                                                        | 3U24MS2HDA                                                                        | 4U36MS2HDA | 5U42MS2HDA | WJ01X24721                                                                          | WJ26X27153                                                                          | YR-HBS01                                                                            | UCT30RWA                                                                            | YR-E16B                                                                             | YR-E17                                                                              | QACT17A                                                                             |  |  |
| MAX ZONES                                                                           |             | 2                                                                                 | 3                                                                                 | 4          | 2                                                                                 | 3                                                                                 | 4          | 5          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
| INDOOR HIGHWALL UNITS                                                               |             |                                                                                   |                                                                                   |            |                                                                                   |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|  | AW07TC2HDA  | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AW09TC2HDA  | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AW12TC2HDA  | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AW18TC2HDA  |                                                                                   | ✓                                                                                 | ✓          |                                                                                   | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AW24TC2HDA  |                                                                                   |                                                                                   | ✓          |                                                                                   |                                                                                   | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
| INDOOR CASSETTE UNITS                                                               |             |                                                                                   |                                                                                   |            |                                                                                   |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|  | AB09SC2VHA  | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AB12SC2VHA  | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | AB18SC2VHA  |                                                                                   | ✓                                                                                 | ✓          |                                                                                   | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
| INDOOR DUCTED UNITS                                                                 |             |                                                                                   |                                                                                   |            |                                                                                   |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|  | USYM09UCDSA | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          |                                                                                     |                                                                                     |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | USYM12UCDSA | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          |                                                                                     |                                                                                     |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | USYM18UCDSA |                                                                                   | ✓                                                                                 | ✓          |                                                                                   | ✓                                                                                 | ✓          | ✓          |                                                                                     |                                                                                     |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | USYM24UCDSA |                                                                                   |                                                                                   | ✓          |                                                                                   |                                                                                   | ✓          | ✓          |                                                                                     |                                                                                     |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
| INDOOR CONSOLE UNITS                                                                |             |                                                                                   |                                                                                   |            |                                                                                   |                                                                                   |            |            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |
|  | USYF09UCDWA | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | USYF12UCDWA | ✓                                                                                 | ✓                                                                                 | ✓          | ✓                                                                                 | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |
|                                                                                     | USYF18UCDWA |                                                                                   | ✓                                                                                 | ✓          |                                                                                   | ✓                                                                                 | ✓          | ✓          | ●                                                                                   |                                                                                     |                                                                                     | ○                                                                                   | ○                                                                                   | ○                                                                                   | ○                                                                                   |  |  |



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** Criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

\* ● = Standard Controller.  
○ = Optional Controller.  
⊙ = Optional Controller requires WK-B adapter.  
Remote controllers WJ01X24721 and WJ26X27153  
are shipped with indoor unit.

# Multi-Zone Matching Charts

2U20EH2HDA  
2U18MS2HDA

- No adapters required/shipped with 2U Models

|          | Combinations           |                        |
|----------|------------------------|------------------------|
|          | Port B                 | Port A                 |
|          | Port Size: 1/4" x 3/8" | Port Size: 1/4" x 3/8" |
|          | 7                      | 7                      |
| Two Zone | 9                      | 7                      |
|          | 9                      | 9                      |
|          | 12                     | 7                      |
|          | 12                     | 9                      |
|          | 12                     | 12                     |

3U24EH2HDA (Ships with adapter E)  
3U24MS2HDA (Ships with adapter D)

- No adapters required for Ports B, A

|            | Combinations                                     |                  |    |                           |                           |
|------------|--------------------------------------------------|------------------|----|---------------------------|---------------------------|
|            | Port C                                           |                  |    | Port B                    | Port A                    |
|            | Port Size:<br>MS: 1/4" x 3/8"<br>EH: 1/4" x 1/2" | Required Adapter |    | Port Size:<br>1/4" x 3/8" | Port Size:<br>1/4" x 3/8" |
|            |                                                  | MS               | EH |                           |                           |
| Two Zone   | 7                                                | -                | E  | 7                         | -                         |
|            | 9                                                | -                | E  | 7                         | -                         |
|            | 9                                                | -                | E  | 9                         | -                         |
|            | 12                                               | -                | E  | 7                         | -                         |
|            | 12                                               | -                | E  | 9                         | -                         |
|            | 12                                               | -                | E  | 12                        | -                         |
|            | 18                                               | D                | -  | 7                         | -                         |
|            | 18                                               | D                | -  | 9                         | -                         |
|            | 18                                               | D                | -  | 12                        | -                         |
| Three Zone | 7                                                | -                | E  | 7                         | 7                         |
|            | 9                                                | -                | E  | 7                         | 7                         |
|            | 9                                                | -                | E  | 9                         | 7                         |
|            | 12                                               | -                | E  | 7                         | 7                         |
|            | 9                                                | -                | E  | 9                         | 9                         |
|            | 12                                               | -                | E  | 9                         | 7                         |
|            | 12                                               | -                | E  | 9                         | 9                         |
|            | 12                                               | -                | E  | 12                        | 7                         |
|            | 18                                               | D                | -  | 7                         | 7                         |
|            | 12                                               | -                | E  | 12                        | 9                         |

| Adapters |                                            | Part #     |
|----------|--------------------------------------------|------------|
| A        | 1/4" to 3/8" (Liquid line for ports C & D) | WJ01X23925 |
| B        | 3/8" to 5/8" (Vapor line for port C)       | WJ01X23924 |
| C        | 1/2" to 5/8" (Vapor line for port D)       | WJ01X23932 |
| D        | 3/8" to 1/2" (Vapor line for port C)       | WJ01X26853 |
| E        | 1/2" to 3/8" (Vapor line for port C or D)  | WJ01X26854 |

4U36EH2HDA (Ships with adapter D and E)  
4U36MS2HDA (Ships with adapter D and E)

- No adapters required for Ports B, A

|            | Combinations              |                   |                           |                   |                           |                           |
|------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|---------------------------|
|            | Port D                    |                   | Port C                    |                   | Port B                    | Port A                    |
|            | Port Size:<br>1/4" x 1/2" | Required Adapter* | Port Size:<br>1/4" x 3/8" | Required Adapter* | Port Size:<br>1/4" x 3/8" | Port Size:<br>1/4" x 3/8" |
|            |                           |                   |                           |                   |                           |                           |
| Two Zone   | 18                        | -                 | 9                         | -                 | -                         | -                         |
|            | 18                        | -                 | 12                        | -                 | -                         | -                         |
|            | 24                        | A, C              | 7                         | -                 | -                         | -                         |
|            | 24                        | A, C              | 9                         | -                 | -                         | -                         |
|            | 24                        | A, C              | 12                        | -                 | -                         | -                         |
|            | 18                        | -                 | 18                        | D                 | -                         | -                         |
|            | 18                        | -                 | 24                        | A, B              | D                         | -                         |
|            | 24                        | A, C              | 24                        | A, B              | D                         | -                         |
|            | 9                         | E                 | 9                         | -                 | 9                         | -                         |
|            | 12                        | E                 | 9                         | -                 | 7                         | -                         |
| Three Zone | 12                        | E                 | 9                         | -                 | 9                         | -                         |
|            | 12                        | E                 | 12                        | -                 | 7                         | -                         |
|            | 18                        | -                 | 7                         | -                 | 7                         | -                         |
|            | 12                        | E                 | 12                        | -                 | 9                         | -                         |
|            | 18                        | -                 | 9                         | -                 | 7                         | -                         |
|            | 18                        | -                 | 9                         | -                 | 9                         | -                         |
|            | 12                        | E                 | 12                        | -                 | 12                        | -                         |
|            | 18                        | -                 | 12                        | -                 | 12                        | -                         |
|            | 18                        | -                 | 12                        | -                 | 7                         | -                         |
|            | 24                        | A, C              | 7                         | -                 | 7                         | -                         |
|            | 24                        | A, C              | 9                         | -                 | 9                         | -                         |
|            | 24                        | A, C              | 9                         | -                 | 7                         | -                         |
|            | 18                        | -                 | 12                        | -                 | 9                         | -                         |
|            | 24                        | A, C              | 12                        | -                 | 12                        | -                         |
|            | 24                        | A, C              | 12                        | -                 | 7                         | -                         |
|            | 24                        | A, C              | 12                        | -                 | 9                         | -                         |
|            | 18                        | -                 | 18                        | D                 | 12                        | -                         |
| Four Zone  | 7                         | E                 | 7                         | -                 | 7                         | 7                         |
|            | 9                         | E                 | 7                         | -                 | 7                         | 7                         |
|            | 9                         | E                 | 9                         | -                 | 7                         | 7                         |
|            | 12                        | E                 | 7                         | -                 | 7                         | 7                         |
|            | 9                         | E                 | 9                         | -                 | 9                         | 7                         |
|            | 12                        | E                 | 9                         | -                 | 7                         | 7                         |
|            | 9                         | E                 | 9                         | -                 | 9                         | 9                         |
|            | 12                        | E                 | 9                         | -                 | 9                         | 7                         |
|            | 12                        | E                 | 12                        | -                 | 7                         | 7                         |
|            | 12                        | E                 | 9                         | -                 | 9                         | 9                         |
|            | 18                        | -                 | 7                         | -                 | 7                         | 7                         |
|            | 12                        | E                 | 12                        | -                 | 9                         | 7                         |
|            | 18                        | -                 | 9                         | -                 | 7                         | 7                         |
|            | 12                        | E                 | 12                        | -                 | 9                         | 9                         |
|            | 12                        | E                 | 12                        | -                 | 12                        | 7                         |
|            | 18                        | -                 | 9                         | -                 | 9                         | 7                         |
|            | 18                        | -                 | 12                        | -                 | 7                         | 7                         |
|            | 24                        | A, C              | 7                         | -                 | 7                         | 7                         |
|            | 12                        | E                 | 12                        | -                 | 12                        | 9                         |
|            | 24                        | A, C              | 9                         | -                 | 7                         | 7                         |
|            | 12                        | E                 | 12                        | -                 | 12                        | 12                        |
|            | 18                        | -                 | 12                        | -                 | 9                         | 9                         |

\* All 18K models require 1/4" liquid and 1/2" vapor linesets.  
24K Model adapters vary. See color code:

 Applies to the following models with 3/8" and 5/8" port:  
AW24LP2VHA, USYM24UCDSA, USYL24UCDSA, AL24LP2VHA

 Applies to the following model with 1/4" and 1/2" port:  
AW24TC2HDA

# Multi-Zone Systems

## Multi-Zone Matching Charts

5U42MS2HDA (Ships with two (2) adapter E)

- No adapters required for Ports B, A

|            | Combinations              |                      |                           |                      |                           |                      |                           |                           |
|------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|---------------------------|
|            | Port E                    |                      | Port D                    |                      | Port C                    |                      | Port B                    | Port A                    |
|            | Port Size:<br>1/4" x 1/2" | Required<br>Adapter* | Port Size:<br>1/4" x 1/2" | Required<br>Adapter* | Port Size:<br>1/4" x 3/8" | Required<br>Adapter* | Port Size:<br>1/4" x 3/8" | Port Size:<br>1/4" x 3/8" |
| Two Zone   | 24K                       | A, C                 | -                         | -                    | 7K                        | -                    | -                         | -                         |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | -                         | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | -                         | -                         |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | -                         | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | -                         | -                         |
|            | 18K                       | -                    | 18K                       | -                    | -                         | -                    | -                         | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 18K                       | -                    | -                         | -                         |
|            | 24K                       | A, C                 | 24K                       | A, C                 | -                         | -                    | -                         | -                         |
| Three Zone | 18K                       | -                    | -                         | -                    | 7K                        | -                    | 7K                        | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 7K                        | -                    | 7K                        | -                         |
|            | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 7K                        | -                         |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 7K                        | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 7K                        | -                         |
|            | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 7K                        | -                         |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 7K                        | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 7K                        | -                         |
|            | 18K                       | -                    | 18K                       | -                    | 7K                        | -                    | -                         | -                         |
|            | 24K                       | A, C                 | 18K                       | -                    | 7K                        | -                    | -                         | -                         |
|            | 9K                        | E                    | -                         | -                    | 9K                        | -                    | 9K                        | -                         |
|            | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 9K                        | -                         |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 9K                        | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | -                         |
|            | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 9K                        | -                         |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 9K                        | -                         |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 9K                        | -                         |
|            | 18K                       | -                    | 18K                       | -                    | 9K                        | -                    | -                         | -                         |
|            | 24K                       | A, C                 | 18K                       | -                    | 9K                        | -                    | -                         | -                         |
|            | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | -                         | -                         |
|            | 18K                       | -                    | 12K                       | E                    | 12K                       | -                    | -                         | -                         |
|            | 24K                       | A, C                 | 12K                       | E                    | 12K                       | -                    | -                         | -                         |
|            | 18K                       | -                    | 18K                       | -                    | 12K                       | -                    | -                         | -                         |
|            | 24K                       | A, C                 | 18K                       | -                    | 12K                       | -                    | -                         | -                         |
| Four Zone  | 18K                       | -                    | 18K                       | -                    | 18K                       | D                    | -                         | -                         |
|            | 7K                        | E                    | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|            | 9K                        | E                    | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|            | 12K                       | E                    | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|            | 9K                        | E                    | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|            | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|            | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 7K                        | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 7K                        | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 7K                        | 7K                        |
|            | 18K                       | -                    | 18K                       | -                    | 7K                        | -                    | 7K                        | -                         |
|            | 24K                       | A, C                 | 18K                       | -                    | 7K                        | -                    | 7K                        | -                         |
|            | 9K                        | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 7K                        |
|            | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 9K                        | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | 7K                        |
|            | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 9K                        | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 9K                        | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 9K                        | 7K                        |
|            | 18K                       | -                    | 18K                       | -                    | 9K                        | -                    | 7K                        | -                         |
|            | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 12K                       | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 12K                       | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 12K                       | 7K                        |
|            | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 12K                       | 7K                        |
|            | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 12K                       | 7K                        |
|            | 18K                       | -                    | 18K                       | -                    | 12K                       | -                    | 7K                        | -                         |
|            | 9K                        | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|            | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|            | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|            | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|            | 18K                       | -                    | 18K                       | -                    | 12K                       | -                    | 7K                        | -                         |
|            | 9K                        | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |

|                    | Combinations              |                      |                           |                      |                           |                      |                           |                           |
|--------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|---------------------------|
|                    | Port E                    |                      | Port D                    |                      | Port C                    |                      | Port B                    | Port A                    |
|                    | Port Size:<br>1/4" x 1/2" | Required<br>Adapter* | Port Size:<br>1/4" x 1/2" | Required<br>Adapter* | Port Size:<br>1/4" x 3/8" | Required<br>Adapter* | Port Size:<br>1/4" x 3/8" | Port Size:<br>1/4" x 3/8" |
| Four Zone (cont'd) | 12K                       | E                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | 18K                       | -                    | 9K                        | -                    | 9K                        | —                         |
|                    | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 12K                       | 9K                        |
|                    | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 12K                       | 9K                        |
|                    | 12K                       | E                    | -                         | -                    | 12K                       | -                    | 12K                       | 12K                       |
|                    | 18K                       | -                    | -                         | -                    | 12K                       | -                    | 12K                       | 12K                       |
|                    | 18K                       | -                    | 18K                       | -                    | 12K                       | -                    | 9K                        | -                         |
| Five Zone          | 7K                        | E                    | 7K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 9K                        | E                    | 7K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 7K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 7K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 9K                        | E                    | 9K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 9K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 9K                        | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 7K                        | 7K                        |
|                    | 24K                       | A, C                 | -                         | -                    | 12K                       | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 7K                        | -                    | 7K                        | 7K                        |
|                    | 9K                        | E                    | 9K                        | E                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 9K                        | E                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 9K                        | E                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 9K                        | -                    | 7K                        | 7K                        |
|                    | 9K                        | E                    | 12K                       | E                    | 12K                       | -                    | 7K                        | 7K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | 7K                        | 7K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 7K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 7K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 7K                        |
|                    | 9K                        | E                    | 9K                        | E                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 12K                       | E                    | 9K                        | E                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | 9K                        | E                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 9K                        | -                    | 9K                        | 9K                        |
|                    | 9K                        | E                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 18K                       | -                    | 12K                       | E                    | 12K                       | -                    | 9K                        | 9K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | 12K                       | 9K                        |
|                    | 12K                       | E                    | 12K                       | E                    | 12K                       | -                    | 12K                       | 12K                       |

\* All 18K models require 1/4" liquid and 1/2" vapor linesets.

24K Model adapters vary. See color code:

 Applies to the following models with 3/8" and 5/8" port:  
AW24LP2VHA, USYM24UCDSA, USYL24UCDSA, AL24LP2VHA

 Applies to the following model with 1/4" and 1/2" port:  
AW24TC2HDA