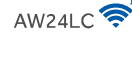
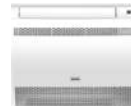


# Multi-Zone Solutions

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

| Series                     | Outdoor                                                                                                      | Capacity                                                                                      |                                                                                                |                                                                                                |                                                                                                 |                                                                                                  | Standard Controller                                                                                                                                  | Optional Controller                |
|----------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|                            |                                                                                                              | 7K                                                                                            | 9K                                                                                             | 12K                                                                                            | 18K                                                                                             | 24K                                                                                              |                                                                                                                                                      |                                    |
| Arctic Multi<br>(Page 28)  | <br>2U20EH2<br>(2 Zone)     | <br>AW07EH   | <br>AW09EH    | <br>AW12EH    | <br>AW18EH    | <br>AW24LC    | <br>WJ01X24721*                                                   | QACT17A**<br>YR-E16B**<br>YR-E17** |
|                            |                                                                                                              | <br>AW07LC   | <br>AW09LC    | <br>AW12LC    | <br>AW18LC    | <br>AW24LC    |                                                                                                                                                      |                                    |
|                            | <br>3U24EH2<br>(3 Zone)     | <br>AD07SL   | <br>AD09SL    | <br>AD12SL    | <br>AW18SL    | <br>AM24LP    | <br>YR-E17<br><br>Wired controller must be purchased separately   | QACT17A<br>YR-E16B<br>YR-E17       |
|                            |                                                                                                              |                                                                                               | <br>USYM09U   | <br>USYM12U   | <br>USYM18U   | <br>USYM24U   |                                                                                                                                                      |                                    |
|                            | <br>4U36EH2<br>(4 Zone)    |                                                                                               | <br>AB09SC    | <br>AB12SC    | <br>AB18SC    | <br>AL24LP    | <br>WJ01X24721*                                                  | QACT17A<br>YR-E16B<br>YR-E17       |
|                            |                                                                                                              |                                                                                               | <br>USYF09U  | <br>USYF12U  | <br>USYF18U  |                                                                                                  |                                                                                                                                                      |                                    |
| FlexFit Multi<br>(Page 29) | <br>2U18MS2<br>(2 Zone)   | <br>AW07LC | <br>AW09LC  | <br>AW12LC  | <br>AW18LC  | <br>AW24LC  | <br>WJ01X24721*                                                 | QACT17A**<br>YR-E16B**<br>YR-E17** |
|                            |                                                                                                              |                                                                                               |                                                                                                |                                                                                                |                                                                                                 |                                                                                                  |                                                                                                                                                      |                                    |
|                            | <br>3U24MS2<br>(2-3 Zone) | <br>AD07SL | <br>AD09SL  | <br>AD12SL  | <br>AW18SL  | <br>AM24LP  | <br>YR-E17<br><br>Wired controller must be purchased separately | QACT17A<br>YR-E16B<br>YR-E17       |
|                            |                                                                                                              |                                                                                               | <br>USYM09U | <br>USYM12U | <br>USYM18U | <br>USYM24U |                                                                                                                                                      |                                    |
|                            | <br>4U36MS2<br>(2-4 Zone) |                                                                                               | <br>AB09SC  | <br>AB12SC  | <br>AB18SC  | <br>AL24LP  | <br>WJ01X24721*                                                 | QACT17A<br>YR-E16B<br>YR-E17       |
|                            |                                                                                                              |                                                                                               | <br>USYF09U | <br>USYF12U | <br>USYF18U |                                                                                                  |                                                                                                                                                      |                                    |



Built-In WiFi      Compatible with WiFi Adapter (QAWF01A)

\*Remote controller WJ01X24721 and WJ26X27153 are shipped with indoor unit.  
\*\* Requires WK-B adapter.



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 Matching Chart

Haier

## 2U18MS2VHB 2U20EH2VHA

| Zones     | Combinations |        | Total System Capacity |
|-----------|--------------|--------|-----------------------|
|           | Unit A       | Unit B |                       |
| TWO ZONES | 7K           | 7K     | 14K                   |
|           | 7K           | 9K     | 16K                   |
|           | 9K           | 9K     | 18K                   |
|           | 7K           | 12K    | 19K                   |
|           | 9K           | 12K    | 21K                   |
|           | 12K          | 12K    | 24K                   |



Unit A

Unit B

## 3U24MS2VHB 3U24EH2VHA

| Zones      | Combinations |        |        | Total System Capacity |
|------------|--------------|--------|--------|-----------------------|
|            | Unit A       | Unit B | Unit C |                       |
| TWO ZONE   | —            | 7K     | 7K     | 14K                   |
|            | —            | 7K     | 9K     | 16K                   |
|            | —            | 9K     | 9K     | 18K                   |
|            | —            | 7K     | 12K    | 19K                   |
|            | —            | 9K     | 12K    | 21K                   |
|            | —            | 12K    | 12K    | 24K                   |
|            | —            | 7K     | 18K    | 25K                   |
|            | —            | 9K     | 18K    | 27K                   |
|            | —            | 12K    | 18K    | 30K                   |
|            | —            | —      | —      | —                     |
| THREE ZONE | 7K           | 7K     | 7K     | 21K                   |
|            | 7K           | 7K     | 9K     | 23K                   |
|            | 7K           | 9K     | 9K     | 25K                   |
|            | 7K           | 7K     | 12K    | 26K                   |
|            | 9K           | 9K     | 9K     | 27K                   |
|            | 7K           | 9K     | 12K    | 28K                   |
|            | 9K           | 9K     | 12K    | 30K                   |
|            | 7K           | 12K    | 12K    | 31K*                  |
|            | 7K           | 7K     | 18K    | 32K*                  |
|            | 9K           | 12K    | 12K    | 33K*                  |



Unit B

Unit C

Unit A

Unit B

Unit C

\* All indoor units must be FlexFit models

## 4U36MS2VHB 4U36EH2VHA

| Zones      | Combinations |        |        |        | Total System Capacity |
|------------|--------------|--------|--------|--------|-----------------------|
|            | Unit A       | Unit B | Unit C | Unit D |                       |
| TWO ZONE   | —            | —      | 9K     | 18K    | 27K                   |
|            | —            | —      | 12K    | 18K    | 30K                   |
|            | —            | —      | 7K     | 24K    | 31K                   |
|            | —            | —      | 9K     | 24K    | 33K                   |
|            | —            | —      | 12K    | 24K    | 36K                   |
|            | —            | —      | 18K    | 18K    | 36K                   |
|            | —            | —      | 24K    | 18K    | 42K                   |
|            | —            | —      | 24K    | 24K    | 48K*                  |
|            | —            | 9K     | 9K     | 9K     | 27K                   |
|            | —            | 7K     | 9K     | 12K    | 28K                   |
|            | —            | 9K     | 9K     | 12K    | 30K                   |
|            | —            | 7K     | 12K    | 12K    | 31K                   |
|            | —            | 7K     | 7K     | 18K    | 32K                   |
|            | —            | 9K     | 12K    | 12K    | 33K                   |
|            | —            | 7K     | 9K     | 18K    | 34K                   |
|            | —            | 9K     | 9K     | 18K    | 36K                   |
|            | —            | 12K    | 12K    | 12K    | 36K                   |
|            | —            | 7K     | 12K    | 18K    | 37K                   |
|            | —            | 9K     | 12K    | 18K    | 39K                   |
|            | —            | 7K     | 9K     | 24K    | 40K                   |
|            | —            | 9K     | 9K     | 24K    | 42K                   |
| THREE ZONE | —            | 12K    | 12K    | 18K    | 42K                   |
|            | —            | 7K     | 12K    | 24K    | 43K                   |
|            | —            | 9K     | 12K    | 24K    | 45K                   |
|            | —            | 12K    | 12K    | 24K    | 48K*                  |
|            | —            | 9K     | 18K    | 18K    | 45K*                  |
|            | —            | 12K    | 18K    | 18K    | 48K*                  |
|            | 7K           | 7K     | 7K     | 7K     | 28K                   |
|            | 7K           | 7K     | 7K     | 9K     | 30K                   |
|            | 7K           | 7K     | 9K     | 9K     | 32K                   |
|            | 7K           | 7K     | 7K     | 12K    | 33K                   |
|            | 7K           | 9K     | 9K     | 9K     | 34K                   |
|            | 7K           | 7K     | 9K     | 12K    | 35K                   |
|            | 9K           | 9K     | 9K     | 9K     | 36K                   |
|            | 7K           | 9K     | 9K     | 12K    | 37K                   |
|            | 7K           | 7K     | 12K    | 12K    | 38K                   |
|            | 7K           | 7K     | 7K     | 18K    | 39K                   |
|            | 9K           | 9K     | 9K     | 12K    | 39K                   |
|            | 7K           | 9K     | 12K    | 12K    | 40K                   |
|            | 7K           | 7K     | 9K     | 18K    | 41K                   |
|            | 9K           | 9K     | 12K    | 12K    | 42K                   |
| FOUR ZONE  | 7K           | 9K     | 9K     | 18K    | 43K                   |
|            | 7K           | 12K    | 12K    | 12K    | 43K                   |
|            | 7K           | 7K     | 12K    | 18K    | 44K                   |
|            | 7K           | 7K     | 7K     | 24K    | 45K                   |
|            | 9K           | 9K     | 9K     | 18K    | 45K                   |
|            | 9K           | 12K    | 12K    | 12K    | 45K                   |
|            | 7K           | 7K     | 9K     | 24K    | 47K*                  |
|            | 9K           | 9K     | 12K    | 18K    | 48K*                  |
|            | 12K          | 12K    | 12K    | 12K    | 48K*                  |
|            | —            | —      | —      | —      | —                     |

### THREE ZONE



Unit B

Unit C

Unit D

### FOUR ZONE



Unit A

Unit B

Unit C

Unit D

\* All indoor units must be FlexFit models



## Multi-Zone Systems

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

With the integration of Haier Heat Plus technology, the Arctic 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

**Operating Range (°F):**



**2 Zones**



**3 Zones**



**4 Zones**



| Outdoor Units      |                                                            | 2U20EH2VHA              | 3U24EH2VHA              | 4U36EH2VHA            |
|--------------------|------------------------------------------------------------|-------------------------|-------------------------|-----------------------|
| Cooling Non-Ducted | UPC                                                        | 0-84691-83464-9         | 0-84691-83463-2         | 0-84691-85168-4       |
|                    | Rated Capacity Btu/hr                                      | 18,100                  | 22,000                  | 34,000                |
|                    | Capacity Range Btu/hr                                      | 7,000 - 20,000          | 6,000 - 23,600          | 6,000 - 38,000        |
|                    | Rated Power Input W                                        | 1,448                   | 1,760                   | 2,740                 |
| Cooling Ducted     | SEER/EER                                                   | 17/12.5                 | 18.5/12.5               | 20/12.5               |
|                    | Rated Capacity Btu/hr                                      | 18,100                  | 21,000                  | 34,400                |
|                    | Capacity Range Btu/hr                                      | 6,000 - 19,000          | 6,000 - 22,300          | 6,000 - 37,000        |
|                    | Rated Power Input W                                        | 1,724                   | 2,000                   | 2,740                 |
| Heating Non-Ducted | SEER/EER                                                   | 15/10.5                 | 15/10.5                 | 17/10                 |
|                    | Heating Capacity Range Btu/hr                              | 8,000 - 23,000          | 8,000 - 30,600          | 8,000 - 39,000        |
|                    | Rated Heating Capacity 47°F Btu/hr                         | 20,000                  | 24,000                  | 36,000                |
|                    | COP                                                        | 3.7                     | 4.2                     | 3.8                   |
|                    | Rated Heating Capacity 17°F Btu/hr                         | 14,000                  | 16,000                  | 22,000                |
|                    | Max. Heating Capacity 5°F Btu/hr                           | 23,500                  | 24,000                  | 36,000                |
|                    | Max. Heating Capacity -15°F Btu/hr                         | 17,250                  | 18,000                  | 25,700                |
|                    | Rated Power Input W                                        | 1,504                   | 1,572                   | 2,710                 |
| Heating Ducted     | HSPF                                                       | 10.5                    | 10.5                    | 10.5                  |
|                    | COP @ 5°F                                                  | 2.0                     | 2.0                     | 2.0                   |
|                    | Heating Capacity Range Btu/hr                              | 8,000 - 21,000          | 8,000 - 28,600          | 8,000 - 39,000        |
|                    | Rated Heating Capacity 47°F Btu/hr                         | 20,000                  | 22,000                  | 35,000                |
|                    | COP                                                        | 3.0                     | 3.1                     | 3.6                   |
|                    | Rated Heating Capacity 17°F Btu/hr                         | 14,000                  | 16,000                  | 22,600                |
|                    | Max. Heating Capacity 5°F Btu/hr                           | 21,000                  | 23,200                  | 35,000                |
|                    | Max. Heating Capacity -15°F Btu/hr                         | 16,300                  | 17,100                  | 25,200                |
| Power Supply       | Rated Power Input W                                        | 2,255                   | 2,230                   | 2,710                 |
|                    | HSPF                                                       | 9.6                     | 9.3                     | 10.5                  |
|                    | COP @ 5°F                                                  | 1.9                     | 1.9                     | 1.9                   |
| Outdoor Unit       | Wire Size between ID and OD                                | 14/4 AWG Stranded       | 14/4 AWG Stranded       | 14/4 AWG Stranded     |
|                    | Maximum Fuse Size A                                        | 25                      | 25                      | 40                    |
|                    | Minimum Circuit Amp A                                      | 15                      | 16                      | 30                    |
|                    | Base Pan Heater                                            | Standard                | Standard                | Standard              |
|                    | Outdoor Fan Speed RPM                                      | 300-900                 | 300-900                 | 300-900               |
|                    | Outdoor Noise Level dB                                     | 56                      | 56                      | 55                    |
|                    | Dimension: Height in (mm)                                  | 33.1(840)               | 33.1(840)               | 38.0(965)             |
|                    | Dimension: Width in (mm)                                   | 37.3(948)               | 37.3(948)               | 37.4(950)             |
| Refrigerant Lines  | Dimension: Depth in (mm)                                   | 13.4(340)               | 13.4(340)               | 14.6(370)             |
|                    | Weight Ship/Net - lbs (kg)                                 | 202.3/185.6 (91.7/84.2) | 205.9/189.5 (93.4/85.9) | 241/221 (109.7/100.6) |
|                    | Connectable Indoor unit quantity                           | 2                       | 2 or 3                  | 2, 3 or 4             |
|                    | Connections                                                | 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       |
|                    | 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                                          | 99                      | 99                      | 113                   |
|                    | Maximum Line Length Ft / m                                 | 164/50                  | 196/60                  | 230/70                |
| Refrigerant Lines  | Maximum Height Ft / m                                      | 50/15                   | 50/15                   | 50/15                 |
|                    | Maximum Line Length for each individual indoor unit Ft / m | 82/25                   | 82/25                   | 82/25                 |
|                    |                                                            |                         |                         |                       |

# Multi-Zone Indoor Units

## Highwall Indoor



|                                     | AW07EH2VHA                                   | AW09EH2VHA                                   | AW12EH2VHA                                   | AW18EH2VHA                                    |
|-------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------------|
| UPC                                 | 0-84691-84497-6                              | 6-88057-40690-9                              | 6-88057-40692-3                              | 6-88057-40694-7                               |
| Rated Cooling Capacity Btu/hr       | 7,000                                        | 9,000                                        | 12,000                                       | 19,000                                        |
| Rated Heating Capacity Btu/hr       | 10,000                                       | 12,000                                       | 16,500                                       | 20,400                                        |
| Voltage, Cycle, Phase V/Hz/-        | 208-230/60/1                                 | 208-230/60/1                                 | 208-230/60/1                                 | 208-230/60/1                                  |
| Airflow CFM (Turbo/H/M/L/Quiet)     | 420/360/300/240/180                          | 470/410/350/290/230                          | 440/410/380/311/260                          | 710/650/560/440/410                           |
| Indoor Sound dB (Turbo/H/M/L/Quiet) | 42/39/37/28/23                               | 42/39/37/28/23                               | 42/39/37/28/23                               | 49/47/42/36/34                                |
| Dimension: H x W x D in (mm)        | 12 1/4 x 35 3/8 x 8 1/4<br>(310 x 900 x 210) | 12 1/4 x 35 3/8 x 8 1/4<br>(310 x 900 x 210) | 12 1/4 x 35 3/8 x 8 1/4<br>(310 x 900 x 210) | 14 3/8 x 43 7/8 x 9 5/8<br>(336 x 1115 x 243) |
| Weight Ship/Net - lbs (kg)          | 30.9/25.3 (14/11.5)                          | 30.9/25.3 (14/11.5)                          | 30.9/25.3 (14/11.5)                          | 45.4/37.5 (20.6/17)                           |
| Liquid / Suction O.D. in            | 1/4 3/8                                      | 1/4 3/8                                      | 1/4 3/8                                      | 1/4 1/2                                       |

Compatible with WiFi Adapter (QAWF01A)

## Highwall Indoor



|                                     | AW07LC2VHB                                | AW09LC2VHB                                | AW12LC2VHB                                | AW18LC2VHB                                   | AW24LP2VHA                                     |
|-------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------------------|------------------------------------------------|
| UPC                                 | 6-88057-40706-7                           | 6-88057-40707-4                           | 6-88057-40708-1                           | 6-88057-40709-8                              | 6-88057-40806-4                                |
| 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/-        | 208-230/60/1                              | 208-230/60/1                              | 208-230/60/1                              | 208-230/60/1                                 | 208-230/60/1                                   |
| Airflow CFM (Turbo/H/M/L/Quiet)     | 410/350/295/235/205                       | 410/350/295/235/205                       | 440/380/320/265/215                       | 636/530/483/430/383                          | 710/650/560/440/410                            |
| Indoor Sound dB (Turbo/H/M/L/Quiet) | 43/38/33/26/22                            | 43/38/33/26/22                            | 44/39/34/27/23                            | 48/45/40/35/30                               | 49/47/42/36/34                                 |
| Dimension: H x W x D in (mm)        | 11 x 33 5/8 x 8 1/16<br>(280 x 855 x 204) | 11 x 33 5/8 x 8 1/16<br>(280 x 855 x 204) | 11 x 33 5/8 x 8 1/16<br>(280 x 855 x 204) | 12 3/4 x 39 1/4 x 9 1/4<br>(332 x 997 x 235) | 13 1/4 x 43 7/8 x 9 9/16<br>(336 x 1115 x 243) |
| Weight Ship/Net - lbs (kg)          | 26.8/22 (12.2/10)                         | 26.8/22 (12.2/10)                         | 26.8/22 (12.2/10)                         | 35.3/28.6 (16/13)                            | 45.4/37.5 (20.6/17)                            |
| Liquid / Suction O.D. in            | 1/4 3/8                                   | 1/4 3/8                                   | 1/4 3/8                                   | 1/4 1/2                                      | 3/8 5/8                                        |

Compatible with WiFi Adapter (QAWF01A)

## Cassette Indoor



|                                     | AB09SC2VHA                                      | AB12SC2VHA                                      | AB18SC2VHA                                      | AL24LP2VHA                                   |
|-------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|----------------------------------------------|
| UPC                                 | 6-88057-40546-9                                 | 6-88057-40547-6                                 | 6-88057-40548-3                                 | 6-88057-40812-5                              |
| Rated Cooling Capacity Btu/hr       | 9,000                                           | 12,000                                          | 18,000                                          | 24,200                                       |
| Rated Heating Capacity Btu/hr       | 10,000                                          | 13,000                                          | 19,000                                          | 27,300                                       |
| Voltage, Cycle, Phase V/Hz/-        | 208-230/60/1                                    | 208-230/60/1                                    | 208-230/60/1                                    | 208-230/60/1                                 |
| Airflow CFM (Turbo/H/M/L/Quiet)     | 410/365/305/265/205                             | 410/365/305/265/205                             | 470/410/365/295/252                             | 600/550/430/360/310                          |
| Indoor Sound dB (Turbo/H/M/L/Quiet) | 43/40/37/34/31                                  | 45/42/39/36/33                                  | 45/42/39/36/33                                  | 38/36/33/29/26                               |
| Grille Model                        | PB-700KB                                        | PB-700KB                                        | PB-700KB                                        | PB-950KB                                     |
| 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) | 9 5/8 x 33 1/8 x 33 1/8<br>(246 x 840 x 840) |
| 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)   | 2 x 37 3/8 x 37 3/8<br>(50 x 950 x 950)      |
| Weight Ship/Net - lbs (kg)          | 43.9/34 (19.9/15.4)                             | 48.5/40.8 (22/18.5)                             | 48.5/40.8 (22/18.5)                             | 79.4/68.3 (36/31)                            |
| 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 1/4                                           | 1 1/4                                           | 1 1/4                                           | 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)                                   | 47 1/4 (1200)                                |



## Ducted Indoor

|                                        | AD07SL2VHB                                      | AD09SL2VHB                                      | AD12SL2VHB                                      | AD18SL2VHB                                       | AM24LP2VHA                                   |
|----------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------------------------------------|
| UPC                                    | 6-88057-40716-6                                 | 6-88057-40717-3                                 | 6-88057-40718-0                                 | 6-88057-40719-7                                  | 6-88057-40808-8                              |
| Rated Cooling Capacity Btu/hr          | 7,000                                           | 9,000                                           | 12,000                                          | 18,000                                           | 24,000                                       |
| Rated Heating Capacity Btu/hr          | 8,000                                           | 10,000                                          | 13,000                                          | 19,000                                           | 27,000                                       |
| Voltage, Cycle, Phase V/Hz/~           | 208-230/60/1                                    | 208-230/60/1                                    | 208-230/60/1                                    | 208-230/60/1                                     | 208-230/60/1                                 |
| Airflow CFM (Turbo/H/M/L/Quiet)        | 353/312/270/230/188                             | 353/312/270/230/188                             | 400/353/282/247/218                             | 540/500/447/365/306                              | 950/950/860/760/700                          |
| Max. Ext. Static Pressure in. W.G (Pa) | 0.16 (40)                                       | 0.16 (40)                                       | 0.16 (40)                                       | 0.16 (40)                                        | 0.6 (150)                                    |
| Indoor Sound dB (Turbo/H/M/L/Quiet)    | 35/33/29/26/21                                  | 35/33/29/26/22                                  | 38/35/29/26/23                                  | 31/29/23/29/25                                   | 40/38/35/32/29                               |
| Dimension: HxWxD in (mm)               | 7 5/16 x 33 7/16 x 16 9/16<br>(185 x 850 x 420) | 7 5/16 x 33 7/16 x 16 9/16<br>(185 x 850 x 420) | 7 5/16 x 33 7/16 x 16 9/16<br>(185 x 850 x 420) | 7 5/16 x 46 1/16 x 16 9/16<br>(185 x 1170 x 420) | 9 7/8 x 37 5/8 x 25 3/4<br>(250 x 957 x 655) |
| Weight Ship/Net - lbs (kg)             | 47.2/36.8 (21.4/16.7)                           | 47.2/36.8 (21.4/16.7)                           | 47.2/36.8 (21.4/16.7)                           | 61.8/48.5 (28/22)                                | 81.1/68.8 (36.8/31.2)                        |
| Liquid / Suction O.D. in               | 1/4 3/8                                         | 1/4 3/8                                         | 1/4 3/8                                         | 1/4 1/2                                          | 3/8 5/8                                      |
| Drainpipe Size O.D. in                 | 1 1/4                                           | 1 1/4                                           | 1 1/4                                           | 1 1/4                                            | 1 1/4                                        |
| Condensate Pump                        | Standard                                        | 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)                                    | 27 9/16 (700)                                |

## 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



|                                                  | USYM09UCDSA                            | USYM12UCDSA                            | USYM18UCDSA                             | USYM24UCDSA                             |
|--------------------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|
| UPC                                              | 0-84691-85155-4                        | 0-84691-85156-1                        | 0-84691-85157-8                         | 0-84691-85158-5                         |
| 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/~                     | 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                     |
| 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                          | 50/47/44/41/38                          |
| Chassis Dimension: HxWxD in (mm)                 | 9.7 x 27.5 x 27.5<br>(248 x 700 x 700) | 9.7 x 27.5 x 27.5<br>(248 x 700 x 700) | 9.7 x 43.3 x 27.5<br>(248 x 1100 x 700) | 9.7 x 43.3 x 27.5<br>(248 x 1100 x 700) |
| Weight Ship/Net - lbs (kg)                       | 90.4/63.1 (41/28.6)                    | 90.4/63.1 (41/28.6)                    | 121.3/89.3 (55/40.5)                    | 121.3/89.3 (55/40.5)                    |
| Liquid / Suction O.D. in                         | 1/4 3/8                                | 1/4 3/8                                | 1/4 3/8                                 | 3/8 5/8                                 |
| Drainpipe Size O.D. in                           | 5/8                                    | 5/8                                    | 5/8                                     | 5/8                                     |
| Condensate Pump                                  | Standard                               | Standard                               | Standard                                | Standard                                |
| Max. Drain-Lift height in(mm)                    | 39 (1000)                              | 39 (1000)                              | 39 (1000)                               | 39 (1000)                               |

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



Built-In WiFi

## Console Units

### FEATURES & BENEFITS:

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



|                                                  | USYF09UCDWA                         | USYF12UCDWA                         | USYF18UCDWA                         |
|--------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| UPC                                              | 0-84691-85152-3                     | 0-84691-85153-0                     | 0-84691-85154-7                     |
| 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/~                     | 208-230/60/1                        | 208-230/60/1                        | 208-230/60/1                        |
| Airflow (Turbo/High/Med/Low/Quiet) CFM           | 264/235/205/176/147                 | 294/264/205/176/147                 | 341/311/282/252/223                 |
| Indoor Sound Level dB (Turbo/High/Med/Low/Quiet) | 40/36/32/25/20                      | 42/38/34/26/21                      | 46/42/37/33/28                      |
| Chassis Dimension: HxWxD in (mm)                 | 23.6 x 27.5 x 8.7 (600 x 700 x 220) | 23.6 x 27.5 x 8.7 (600 x 700 x 220) | 23.6 x 27.5 x 8.7 (600 x 700 x 220) |
| Weight Ship/Net - lbs (kg)                       | 43.4/36.4 (19.7/16.5)               | 43.4/36.4 (19.7/16.5)               | 43.4/36.4 (19.7/16.5)               |
| 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                                 |



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