



# 2013 Equipment Catalog

**Mini Splits, Multi Zones, PTAC's, Window Air Conditioners,  
Portable Air Conditioners, TTW Air Conditioners, Dehumidifiers &  
Accessories**

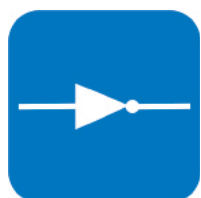
# INDEX

## PRODUCT

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Single Zone Mini Splits Cooling Only & Heat Pumps                       | 2 - 6   |
| Single Zone Mini Split Heat Pump with Electric Heat                     | 7       |
| Single Zone High Efficiency Series Mini Splits Cooling Only & Heat Pump | 8 - 14  |
| High Efficiency Series Mini-Split Dual, Triple and Quad Zone            | 15 - 18 |
| Installation Kits                                                       | 19 - 20 |
| Condensate Removal Pumps                                                | 21      |
| Mounting Brackets                                                       | 21      |
| PlastiDuct                                                              | 22      |
| Window Units Remote Control Models                                      | 23      |
| Window Units Manual Controlled Models with Heat                         | 24      |
| Window Units Heat Pump with Remote                                      | 25      |
| Through The Wall Units                                                  | 26 - 27 |
| PTAC (Package Terminal Air Conditioning Units)                          | 28      |
| PTAC Accessories                                                        | 29      |
| Portable Air Conditioning Units                                         | 30      |
| Dehumidifier Specifications                                             | 30      |

## PAGE

# FEATURES



**Inverter**



**Auto Restart**



**410A**



**3 Speed Fan**



**Keypad Lock**



**Self Diagnosing**



**Clock Timer**



**Electric Heat**



**Wireless Remote**



**Dehumidification**



**Air Sweep**



**Sleep Mode**



**Quiet**



**5 Year On Compressor  
1 Year On Parts**



**Washable Filter**

Some products specification subject to change without notice.

# Single Zone Mini Splits Cooling Only & Heat Pumps



Sea Breeze Ductless Mini-Split Air Conditioning and Heat Pump systems offer the perfect solution for an easy install with a sleek design. Most models are 13 Seer and ALL now carry the environmentally friendly 410A refrigerant. Quiet and efficient...these systems have never been so cool!



# Single Zone Mini Splits

## Air Conditioning Unit Specifications



|                                                                   |                          |                          |                          |
|-------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| PRODUCT CODE                                                      | 242-1201                 | 242-1202                 | 240-1382                 |
| MODEL NUMBER                                                      | 9A43YMA                  | 12A43YMA                 | 12A23ZGX                 |
| Function                                                          | Cooling                  | Cooling                  | Cooling                  |
| Rated Voltage                                                     | 115                      | 115                      | 208-230                  |
| Rated Frequency (Hz)                                              | 60                       | 60                       | 60                       |
| Cooling/Heating Capacity (BTU)                                    | 9,000                    | 12,000                   | 12,000                   |
| Seer                                                              | 13                       | 13                       | 13                       |
| EER                                                               | 12.1                     | 11                       | NOT AVAILABLE            |
| Cooling/Heating Power Input (W)                                   | 780                      | 1090                     | 960                      |
| Cooling/Heating Rated Current (A)                                 | 7.6                      | 10                       | 5                        |
| Dehumidifying Volume (pt/H)                                       | 1                        | 2.54                     | 4.2                      |
| Auto Restart                                                      | YES                      | YES                      | YES                      |
| Breaker Size                                                      | 15                       | 20                       | 15                       |
| Circuit Ampacity                                                  | 13.6                     | 17.2                     | 5.4                      |
| Low Ambient Control Board                                         | Yes                      | Yes                      | No                       |
| INDOOR DATA                                                       | 242-1201-E               | 242-1202-E               | 240-1382-E               |
| INDOOR UNIT PART #                                                | 9A43YIMA                 | 12A43YIMA                | 12A23ZIGX                |
| Fan Motor Speed (r/min)L/M/H)                                     | 800/1000/1250            | 1000/1100/1270           | 1350/1450/1550           |
| Fan Motor (W)                                                     | 20                       | 25                       | 20                       |
| Fan Motor RLA(A)                                                  | 5.75                     | 4.6                      | 0.09                     |
| Fan Type                                                          | Cross Flow               | Cross Flow               | Cross Flow               |
| Evaporator                                                        | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Air Flow Volume (CFM)                                             | 341/271/218              | 471 / 412 / 371          | 483                      |
| Sound Power Level dB (A)(L/M/H)                                   | 29/36/42                 | 40/43/46                 | 48/52/57                 |
| Dimensions (W/D/H) (inches)                                       | 31.1/ 7.68 / 10.43       | 36.22/8.86/11.50         | 38 / 8 / 11              |
| Air Detection                                                     | Automatic                | Automatic                | Automatic                |
| Timer (24 Hr Programmable)                                        | On/Off                   | On/Off                   | On/Off                   |
| Net / Gross Weight (lbs.)                                         | 16.53/19.84              | 28.66/33.07              | 26.5 / 33                |
| Filter                                                            | Washable                 | Washable                 | Washable                 |
| OUTDOOR DATA                                                      | 242-1201-C               | 242-1202-C               | 240-1382-C               |
| OUTDOOR UNIT PART#                                                | 9A43YOMA                 | 12A43YOMA                | 12A23ZOGX                |
| Compressor Type                                                   | Rotary                   | Rotary                   | Rotary                   |
| L.R.A. (A)                                                        | 40.3                     | 47.3                     | 26                       |
| Compressor RLA (A)                                                | 7.46                     | 9.9                      | 4.1                      |
| Compressor Power Input (W)                                        | 810                      | 1085                     | 930                      |
| Throttling Method                                                 | Capillary                | Capillary                | Capillary                |
| Outdoor Operating Range (F)                                       | 5 to 109                 | 5 to 109                 | 23 to 109                |
| Condenser                                                         | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Fan Motor Speed (rpm)                                             | 880                      | 880                      | 920                      |
| Fan Motor (W)                                                     | 77                       | 77                       | 48                       |
| Fan Motor RLA (A)                                                 | N/A                      | N/A                      | 0.22                     |
| Air Flow Volume                                                   | 1059                     | 1295                     | 1265                     |
| Fan Type                                                          | Axial                    | Axial                    | Axial                    |
| Sound Pressure Level dB(A)                                        | 55                       | 56                       | 55                       |
| Dimensions(W/D/H) (inches)                                        | 30.7 / 9.84 / 21.26      | 29.92/11.22/23.23        | 35 / 13 / 21             |
| Net / Gross Weight (lbs.)                                         | 70.55 / 77.16            | 79.37/85.98              | 88 / 99                  |
| Refrigerant Charge (lbs.)                                         | R410A / 2.36             | R410A / 2.93             | R22 / 2.75               |
| CONNECTION PIPE                                                   |                          |                          |                          |
| Design Length Ft                                                  | 16.4                     | 16.4                     | 26.25                    |
| Design Pressure High/Low (PSIG) Extra Refrigerant Charge per Feet | 550/340                  | 550/340                  | 362 / 147                |
| Above Design Length (oz/ft)                                       | 0.32                     | 0.32                     | 0.32                     |
| Outer Diameter Liquid Pipe (in)                                   | 1/4                      | 1/4                      | 1/4                      |
| Outer Diameter Gas Pipe (in)                                      | 3/8                      | 1/2                      | 1/2                      |
| Max Distance Height (ft)                                          | 26.2                     | 26.2                     | 16                       |
| Max Distance Length (ft)                                          | 65.6                     | 65.6                     | 32                       |

# Single Zone Mini Splits

## Air Conditioning Unit Specifications



|                                                          |                          |                          |                          |
|----------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| Product Code                                             | 240-4003                 | 242-1204                 | 242-1205                 |
| Model Number                                             | 18A44ZCB                 | 18A43ZMA                 | 24A43ZMA                 |
| Function                                                 | Cooling                  | Cooling                  | Cooling                  |
| Rated Voltage                                            | 208-230                  | 208-230                  | 208-230                  |
| Rated Frequency (Hz)                                     | 60                       | 60                       | 60                       |
| Cooling/Heating Capacity (BTU)                           | 18,000                   | 18,000                   | 23,000                   |
| Seer                                                     | 14                       | 13                       | 13                       |
| Cooling/Heating Power Input (W)                          | 1460                     | 1550                     | 2000                     |
| Cooling/Heating Rated Current (A)                        | 6.4                      | 6.8/6.6                  | 9.3/8.8                  |
| EER                                                      | Not Available            | 11.3                     |                          |
| Dehumidifying Volume (pt/H)                              | 3                        | 3.8                      | 5.49                     |
| Auto Restart                                             | YES                      | YES                      | YES                      |
| Breaker Size                                             | 15                       | 15                       | 20                       |
| Minimum Circuit Ampacity                                 | 9.5                      | 12.7                     | 16.5                     |
| Low Ambient Control Board                                | No                       | Yes                      | Yes                      |
| INDOOR DATA                                              | 240-4003-E               | 242-1204-E               | 242-1205-E               |
| Indoor Unit Part #                                       | 18A44ZICB                | 18A43ZIMA                | 24A43ZIMA                |
| Fan Motor Speed (r/min)L/M/H)                            | 1050/1200/1350           | 1145/1235/1285           | 990/1100/1260            |
| Output of Fan Motor (W)                                  | 30                       |                          | 86/69/58                 |
| Fan Motor RLA(A)                                         | 1.6 (FLA)                | N/A                      | 2.67                     |
| Fan Type                                                 | Cross Flow               | Cross Flow               | Cross Flow               |
| Evaporator                                               | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Sound Power Level dB(A)(L/M/H)                           | 56 / 58 / 60             | 43/48/46                 | 46/49/52                 |
| Dimensions(W/D/H) (inches)                               | 42.5 / 8.9 / 12.1        | 45.52 / 8.98 / 12.99     | 49.21/9.06/12.80         |
| Air Detection                                            | Automatic                | Automatic                | Automatic                |
| Timer (24 Hr Programmable)                               | On/Off                   | On/Off                   | On/Off                   |
| Net / Gross Weight (lbs.)                                | 35 / 42                  | 33.07                    | 39.68/55.12              |
| Filter                                                   | Washable                 | Washable                 | Washable                 |
| Air Flow Volume (CFM)                                    | 618                      | 618                      | 795 / 689 / 624          |
| OUTDOOR DATA                                             | 240-4003-C               | 242-1204-C               | 242-1205-C               |
| Outdoor Unit Part#                                       | 18A44ZOCB                | 18A43ZOMA                | 24A43ZOMA                |
| Compressor Type                                          | Rotary                   | Rotary                   | Rotary                   |
| L.R.A. (A)                                               | 32.6                     | 32.6                     | 34.8                     |
| Compressor RLA (A)                                       | 6.65                     | 7.30/6.65                | 8.75/9.70                |
| Compressor Power Input (w)                               | 1510                     | 1505/1510                | 1980/2000                |
| Throttling Method                                        | Capillary                | Capillary                | Capillary                |
| Outdoor Operating Range (F)                              | 20 to 110                | 5 to 109.4               | 5 to 109                 |
| Condenser                                                | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Fan Motor Speed (rpm)                                    | 840                      | 840                      | 760                      |
| Output of Fan Motor (w)                                  | 60                       | 128                      | 140                      |
| Fan Motor RLA (A)                                        | 2.5 (FLA)                | N/A                      | N/A                      |
| Air Flow Volume                                          | 1765                     | 1471                     | 2060                     |
| Fan Type                                                 | Axial                    | Axial                    | Axial                    |
| Sound Pressure Level dB(A)                               | 57                       | 59                       | 57                       |
| Dimensions(W/D/H) (inches)                               | 35.4 / 13 / 33           | 33.27 / 13.19 / 27.36    | 35.24/12.99/33.86        |
| Net / Gross Weight (lbs.)                                | 143 / 154                | 109.13                   | 141.10/149.91            |
| Refrigerant Charge (lbs.)                                | R410A / 4.8              | R410A / 4.41             | R410A / 5.29             |
| CONNECTION PIPE                                          |                          |                          |                          |
| Design Length Ft                                         | 24.6                     | 16.4                     | 16.4                     |
| Design Pressure High/Low (PSIG) Extra Refrigerant per ft | 652.5 / 290              | 550/340                  | 550/340                  |
| Above Design Length (oz/ft)                              | 0.86                     | 0.322                    | 0.699                    |
| Outer Diameter Liquid Pipe (in)                          | 3/8                      | 1/4                      | 3/8                      |
| Outer Diameter Gas Pipe (in)                             | 5/8                      | 1/2                      | 5/8                      |
| Max Distance Height (ft)                                 | 16.4                     | 32.8                     | 32.8                     |
| Max Distance Length (ft)                                 | 49.2                     | 82                       | 82                       |

# Single Zone Mini Splits

## Heat Pump Unit Specifications



|                                                                   |                          |                          |
|-------------------------------------------------------------------|--------------------------|--------------------------|
| Product Code                                                      | 242-1301                 | 242-1302                 |
| Model Number                                                      | 9H43YMA                  | 12H43YMA                 |
| Function                                                          | Cooling/Heating          | Cooling/Heating          |
| Rated Voltage                                                     | 115                      | 115                      |
| Cooling/Heating Capacity (BTU)                                    | 9,000/9,000              | 12,000/12,500            |
| Seer                                                              | 13                       | 13                       |
| EER                                                               | 12.1                     | 11.7                     |
| Cooling/heating Power input (W)                                   | 780                      | 1090/1060                |
| Cooling/Heating Rated Current (A)                                 | 7.6                      | 12.2                     |
| Air Flow Volume (CFM)                                             | 341 / 271 / 218          | 500 / 430 / 394          |
| Dehumidifying Volume (pt/H0                                       | 1                        | 2.54                     |
| Auto Restart                                                      | YES                      | YES                      |
| Breaker Size                                                      | 15                       | 20                       |
| Minimum Circuit Ampacity                                          | 13.6                     | 17.2                     |
| Low Ambient Control Board                                         | Yes                      | Yes                      |
| <b>INDOOR DATA</b>                                                | <b>242-1301-E</b>        | <b>242-1302-E</b>        |
| Indoor Unit Part #                                                | 9H43YIMA                 | 12H43YIMA                |
| Fan Motor Speed (r/min)(L/M/H)                                    | 800 / 1000 / 1250        | 1000/1100/1270           |
| Output Of Fan Motor                                               | 20                       | 25                       |
| Fan Motor RLA(A)                                                  |                          | 0.21                     |
| Fan Type                                                          | Cross Flow               | Cross Flow               |
| Evaporator                                                        | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Sound Power Level dB(A)L/M/H)                                     | 29 / 36 / 42             | 41/44/47                 |
| Dimensions (W/D/H) (inches)                                       | 31.1 x 7.68 x 10.43      | 36.22/8.86/11.50         |
| Air Detection                                                     | Automatic                | Automatic                |
| Timer (24 hr Programmable)                                        | On/Off                   | On/Off                   |
| Net / Gross Weight (lbs.)                                         | 16.53 / 19.84            | 28.66/33.07              |
| Filter                                                            | Washable                 | Washable                 |
| <b>OUTDOOR DATA</b>                                               | <b>242-1301-C</b>        | <b>242-1302-C</b>        |
| Outdoor Unit Part #                                               | 9H43YOMA                 | 12H43YOMA                |
| Compressor Type                                                   | Rotary                   | Rotary                   |
| L.R.A. (A)                                                        | 40.3                     | 47.3                     |
| Compressor RLA (A)                                                | 7.46                     | 9.9                      |
| Compressor Power Input (w)                                        | 810                      | 1085                     |
| Throttling Method                                                 | Capillary                | Capillary                |
| Outdoor Operating Range (F)                                       | 5 to 109.4               | 5 to 109/ 19.4 to 75.2   |
| Condenser                                                         | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Fan Motor Speed (rpm)                                             | 880                      | 880                      |
| Output of Fan Motor (w)                                           | 77                       | 77                       |
| Fan Motor RLA (A)                                                 |                          | N/A                      |
| Air Flow Volume                                                   | 1059                     | 1177                     |
| Fan Type                                                          | Axial                    | Axial                    |
| Defrosting Method                                                 | Auto                     | Auto                     |
| Sound Pressure level dB (A)                                       | 55                       | 56                       |
| Dimensions (W/D/H) (inches)                                       | 30.71 x 9.84 x 21.26     | 29.92/11.22/23.23        |
| Net / Gross Weight (lbs.)                                         | 70.55 / 77.16            | 83.78 / 90.39            |
| Refrigerant Charge (lbs.)                                         | R410A / 2.36             | R410A / 2.93             |
| <b>CONNECTION PIPE</b>                                            |                          |                          |
| Design Length Ft.                                                 | 16.4                     | 16.4                     |
| Design Pressure High/Low (PSIG) Extra Refrigerant Charge Per Feet | 550/340                  | 550/340                  |
| Above Design Length (oz/ft)                                       | 0.322                    | 0.32                     |
| Outer Diameter Liquid Pipe (in)                                   | 1/4                      | 1/4                      |
| Outer Diameter Gas Pipe (in)                                      | 3/8                      | 1/2                      |
| Max Distance Height (ft)                                          | 26.2                     | 26.2                     |
| Max Distance Length (ft)                                          | 65.6                     | 65.6                     |

# Single Zone Mini Splits

## Heat Pump Unit Specifications



|                                                                   |                          |                          |                          |
|-------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| <b>Product Code</b>                                               | <b>240-1392</b>          | <b>242-1304</b>          | <b>242-1305</b>          |
| <b>Model Number</b>                                               | <b>12H43ZGX</b>          | <b>18H43ZMA</b>          | <b>24H43ZMA</b>          |
| Function                                                          | Cooling/Heating          | Cooling/Heating          | Cooling/Heating          |
| Rated Voltage                                                     | 208/230                  | 208-230                  | 208-230                  |
| Cooling/Heating Capacity (BTU)                                    | 12,000/13,000            | 18000                    | 23,000                   |
| Seer                                                              | 13                       | 13                       | 13                       |
| EER                                                               | NOT AVAILABLE            | 11.3                     | 11                       |
| C.O.P. (Cooling/Heating)                                          | NOT AVAILABLE            | 12.1                     | 12                       |
| HSPF                                                              | NOT AVAILABLE            | 8                        | 8                        |
| Cooling/heating Power input (W)                                   | 1550/1250                | 1090                     | 2000                     |
| Cooling/Heating Rated Current (A)                                 | 7.2/7.6                  | 7.8/7.0                  | 9.3/8.8                  |
| Air Flow Volume (CFM)                                             | 325                      | 618 / 589 / 547          | 795 / 689 / 624          |
| Dehumidifying Volume (pt/H0                                       | 2.7                      | 3.8                      | 5.49                     |
| Auto Restart                                                      | YES                      | YES                      | YES                      |
| Breaker Size                                                      | 15                       | 15                       | 20                       |
| Circuit Ampacity                                                  | 5.5                      | 12.7                     | 16.5                     |
| Low Ambient Control Board                                         | No                       | Yes                      | Yes                      |
| <b>INDOOR DATA</b>                                                | <b>240-1392-E</b>        | <b>242-1304-E</b>        | <b>242-1305-E</b>        |
| <b>Indoor Unit Part #</b>                                         | <b>12H43ZIGX</b>         | <b>18H43ZIMA</b>         | <b>24H43ZIMA</b>         |
| Fan Motor Speed (r/min)(L/M/H)                                    | 1050/1100/1250           | 1285/1235/1145           | 990/1100/1260            |
| Fan Motor (W)                                                     | 20                       | 25                       | 86/69/58                 |
| Fan Motor RLA(A)                                                  | 0.152                    | N/A                      | N/A                      |
| Fan Type                                                          | Cross Flow               | Cross Flow               | Cross Flow               |
| Evaporator                                                        | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Sound Power Level dB(A)L/M/H)                                     | 48/49/53                 | 43/47/49                 | 46/49/52                 |
| Dimensions (W/D/H) (inches)                                       | 33 / 7 / 10.6            | 42.52/8.98/12.99         | 49.21/9.06/12.80         |
| Air Detection                                                     | Automatic                | Automatic                | Automatic                |
| Timer (24 hr Programmable)                                        | On/Off                   | On/Off                   | On/Off                   |
| Net / Gross Weight (lbs.)                                         | 24 / 33                  | 33.07/46.30              | 39.68/55.12              |
| Filter                                                            | Washable                 | Washable                 | Washable                 |
| <b>OUTDOOR DATA</b>                                               | <b>240-1392-C</b>        | <b>242-1304-C</b>        | <b>242-1305-C</b>        |
| <b>Outdoor Unit Part #</b>                                        | <b>12H43ZOGX</b>         | <b>18H43ZOMA</b>         | <b>24H43ZOMA</b>         |
| Compressor Type                                                   | Rotary/Inverter          | Rotary                   | Rotary                   |
| L.R.A. (A)                                                        | 33                       | 32.6                     | 34.8                     |
| Compressor RLA (A)                                                | 4                        | 6.65/7.30                | 8.75/9.70                |
| Compressor Power Input (W)                                        | 628                      | 1505/1510                | 1980/2000                |
| Throttling Method                                                 | Capillary                | Capillary                | Capillary                |
| Outdoor Operating Range (F)                                       | 23 to 109                | 5 to 109/ 19.4 to 75.2   | 5 to 109/ 19.4 to 75.2   |
| Condenser                                                         | Aluminum fin-copper tube | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Fan Motor Speed (rpm)                                             | 830                      | 840                      | 760                      |
| Fan Motor (W)                                                     | 30                       | 182                      | 140                      |
| Fan Motor RLA (A)                                                 | 0.3                      | N/A                      | N/A                      |
| Air Flow Volume                                                   | 1100 cfm                 | 1471                     | 2060                     |
| Fan Type                                                          | Axial                    | Axial                    | Axial                    |
| Defrosting Method                                                 | Auto                     | Automatic                | Automatic                |
| Sound Pressure level dB (A)                                       | 54                       | 60                       | 57                       |
| Dimensions (W/D/H) (inches)                                       | 33 / 13 / 21             | 33.27/13.19/27.36        | 35.24/12.99/33.86        |
| Net / Gross Weight (lbs.)                                         | 99 / 110                 | 116.84/125.66            | 151.02/160.94            |
| Refrigerant Charge (lbs.)                                         | R410A / 2.8              | R410A / 4.50             | R410A / 5.4              |
| <b>CONNECTION PIPE</b>                                            |                          |                          |                          |
| Design Length Ft.                                                 | 19                       | 16.4                     | 16.4                     |
| Design Pressure High/Low (PSIG) Extra Refrigerant Charge Per Feet | 551 / 174                | 550/340                  | 550/340                  |
| Above Design Length (oz/ft)                                       | 0.21                     | 0.32                     | 0.699                    |
| Outer Diameter Liquid Pipe (in)                                   | 1/4                      | 1/4                      | 3/8                      |
| Outer Diameter Gas Pipe (in)                                      | 1/2                      | 1/2                      | 5/8                      |
| Max Distance Height (ft)                                          | 20                       | 32.8                     | 32.8                     |
| Max Distance Length (ft)                                          | 39                       | 82                       | 82                       |

# Single Zone Mini Split Heat Pump with Electric Heat



Limited Availability

| Product Code                      | 240-5005          | 240-5006          |
|-----------------------------------|-------------------|-------------------|
| Model Number                      | 18HE43ZCX         | 24HE43ZCX         |
| Function                          | Cooling / Heating | Cooling / Heating |
| Rated Voltage                     | 208 - 230 VAC     | 208 - 230 VAC     |
| Cooling/Heating Capacity (BTU)    | 18,000 / 18,000   | 24,000 / 24,000   |
| Seer                              | 13                | 13                |
| Cooling/heating Power input (W)   | 1480 / 1480       | 1930 / 1800       |
| Cooling/Heating Rated Current (A) | 6.5 / 6.4         | 8.5 / 8           |
| Air Flow Volume (CFM)             | 624               | 736               |
| Dehumidifying Volume (pt/H0)      | 1.9               | 2.6               |
| Auto Restart                      | Yes               | Yes               |
| Breaker Size                      | 20                | 20                |
| Minimum Circuit Ampacity          | 13.8              | 13.8              |



## FEATURES

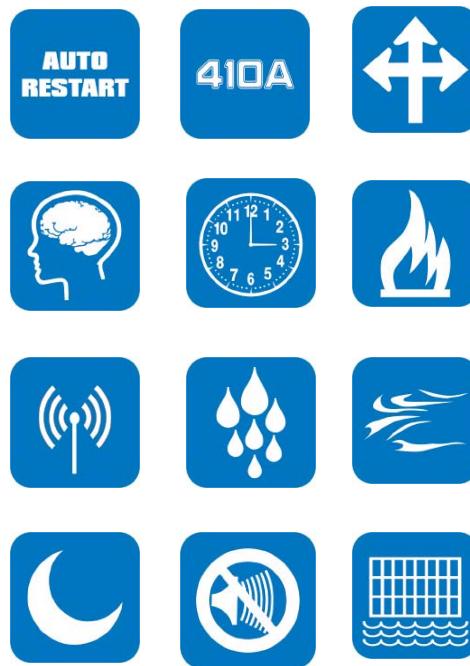
- 18,000 BTU with 1.0 KW Back-up Electric Heat
- 24,000 BTU with 1.2 KW Back-up Electric Heat

## INDOOR DATA

| Indoor Unit Part #                      | 18HE43ZICX               | 24HE43ZICX               |
|-----------------------------------------|--------------------------|--------------------------|
| Fan Motor Speed (r/min)(L/M/H)          | 1000 / 1100 / 1220       | 1000 / 1100 / 1220       |
| Output of Fan Motor (w)                 | 40                       | 40                       |
| Input of Heater (W)                     | 1,000                    | 1,200                    |
| Fan Motor RLA(A)                        | 0.4                      | 0.4                      |
| Fan Type                                | Cross Flow Fan           | Cross Flow Fan           |
| Fan Motor Capacitor (uf)                | 3.5                      | 3.5                      |
| Evaporator                              | Aluminum Fin-Copper Tube | Aluminum Fin-Copper Tube |
| Output Of Swing Motor (W), Left & Right | 1.2                      | 1.2                      |
| Output Of Swing Motor (W), Vertical     | 1.2                      | 1.2                      |
| Sound Pressure Level dBA (L / M / H)    | 44 / 47 / 49             | 44 / 47 / 49             |
| Sound Power Level dBA(L / H)            | 45 / 52                  | 45 / 52                  |
| Dimensions (W / D / H) (inches)         | 45.5 x 8.9 x 12.8        | 48.6 x 8.9 x 12.8        |
| Timer (24 hr Programmable)              | Yes                      | Yes                      |
| Net / Gross Weight (lbs.)               | 68 / 75                  | 68 / 75                  |
| Filter                                  | Washable                 | Washable                 |

## OUTDOOR DATA

| Outdoor Unit Part #               | 18HE43ZOCX               | 24HE43ZOCX               |
|-----------------------------------|--------------------------|--------------------------|
| Compressor Type                   | Rotary                   | Rotary                   |
| L.R.A. (A)                        | 32.6                     | 50.4                     |
| Compressor RLA (A)                | 6.65                     | 9.16                     |
| Compressor Power Input (w)        | 1510                     | 1650                     |
| Metering Method                   | Capillary                | Capillary                |
| Outdoor Operating Range (F)       | 20°F to 110°F            | 20°F to 110°F            |
| Condenser                         | Aluminum fin-copper tube | Aluminum fin-copper tube |
| Fan Motor Speed (rpm)             | 780                      | 780                      |
| Output of Fan Motor (w)           | 60                       | 60                       |
| Fan Motor RLA (A)                 | 0.9                      | 0.9                      |
| Air Flow Volume (CFM)             | 1912                     | 1912                     |
| Fan Type                          | Axial                    | Axial                    |
| Defrosting Method                 | Auto                     | Auto                     |
| Sound Pressure level dBA          | 60                       | 60                       |
| Sound Power Level dBA             | 68                       | 68                       |
| Dimensions (W / D / H) (inches)   | 35.4 x 33 x 13           | 35.4 x 33 x 13           |
| Net / Gross Weight (lbs.)         | 150 / 165                | 150 / 165                |
| Refrigerant Charge (lbs.)         | R410A - 4.85             | R410A - 5.3              |
| Design Length Ft.                 | 24.6                     | 24.6                     |
| Extra Refrigerant Charge Per Feet | 0.5 oz per ft            | 0.5 oz per ft            |
| Design Pressure High / Low (PSI)  | 445 / 237                | 445 / 237                |
| Outer Diameter Liquid Pipe (in)   | 3/8                      | 3/8                      |
| Outer Diameter Gas Pipe (in)      | 5/8                      | 5/8                      |
| Max Distance Height (ft)          | 16.4                     | 16.4                     |
| Max Distance Length (ft)          | 50                       | 50                       |



- Electric heaters provide a low level heat to aid in heating during start up or extreme cold conditions.

# Single Zone High Efficiency Series Mini-Split



Sea Breeze High Efficiency Mini-Split systems feature energy efficient inverter technology and increased Seer ratings of up to 23 Seer in some models. The inverter technology maintains temperature more accurately and matches output demand to achieve maximum efficiency.

These systems take you to the next level of cool!

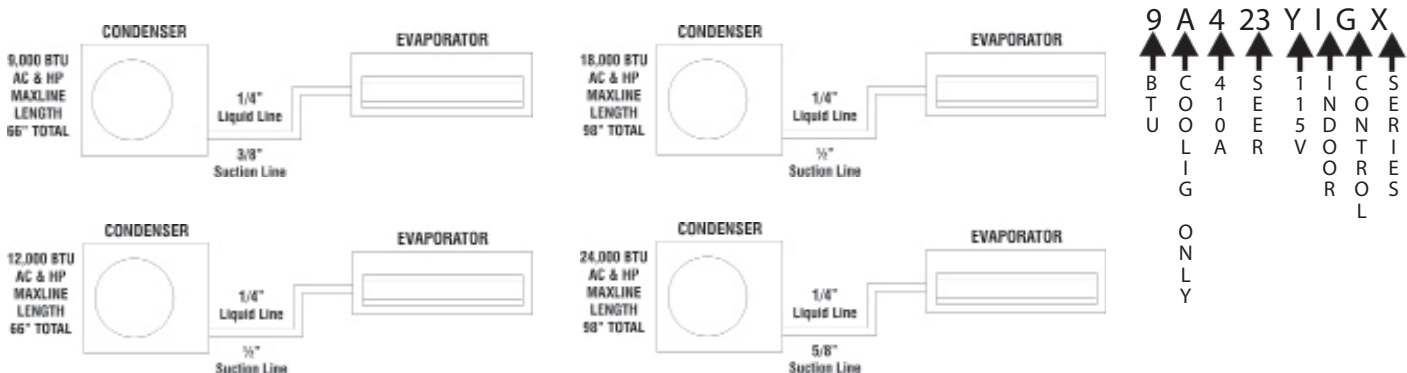


# Single Zone High Efficiency Series Mini-Split Cooling Only



|                                               |                            |                            |                            |                            |
|-----------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Product Code                                  | 241-4001                   | 241-4002                   | 241-4004                   | 241-4005                   |
| Model Number                                  | 9A423YGX                   | 12A422YGX                  | 18A420ZGX                  | 24A419ZGX                  |
| Function                                      | COOLING                    | COOLING                    | COOLING                    | COOLING                    |
| Rated Voltage                                 | 115V AC / 1PH              | 115V AC / 1PH              | 208-230V AC / 1 PH         | 208-230V AC / 1 PH         |
| Cooling Capacity (BTU) - High/Standard/Low    | 11950 / 9000 / 4000        | 13000 / 12000 / 4500       | 22000 / 18000 / 6200       | 26200 / 22000 / 7800       |
| SEER                                          | 23                         | 22                         | 20                         | 18                         |
| EER                                           | 4.33                       | 3.52                       | 3.51                       | 3.51                       |
| COP                                           | 2.97                       | 3.23                       | 2.43                       | 2.86                       |
| Outdoor Operating Range                       | 14°F to 118°F              | 14°F to 118°F              | 14°F to 118°F              | 14°F to 118°F              |
| CoolingPowerInput(W)(high/standard/low)       | 1180 / 620 / 166           | 1180 / 1000 / 160          | 2650 / 1500 / 180          | 2660 / 1832 / 220          |
| Cooling Rated Current (A)                     | 8                          | 13                         | 7.67                       | 9.36                       |
| Indoor Air Circulation                        |                            |                            |                            |                            |
| (CFM) (Turbo/H/M/L)                           | 306/ 253 /217 /170         | 329/ 288/ 253 /206         | 488/ 441/ 382/ 323         | 606/ 470/ 412/ 353         |
| Dehumidifying Volume(pts/h)                   | 2.53                       | 2.53                       | 4.22                       | 5.28                       |
| Auto Restart                                  | Yes                        | Yes                        | Yes                        | Yes                        |
| Breaker Size (AMPS)                           | 25                         | 25                         | 25                         | 25                         |
| Circuit Ampacity                              | 15                         | 15                         | 14                         | 14                         |
| Indoor Data                                   |                            |                            |                            |                            |
| Product Code                                  | 241-4001-E                 | 241-4002-E                 | 241-4004-E                 | 241-4005-E                 |
| Model Number                                  | 9A23YIGX                   | 12A422YIGX                 | 18A420ZIGX                 | 24A419ZIGX                 |
| Output of Fan Motor (W)                       | 10                         | 10                         | 20                         | 35                         |
| Fan Motor Capacitor (ufd)                     | N/A                        | N/A                        | 1.5                        | 2.5                        |
| Fan Motor RLA ( A)                            | 0.28                       | 0.28                       | 0.25                       | 0.45                       |
| Fan Type                                      | Cross Flow Fan             | Cross Flow Fan             | Cross Flow Fan             | Cross Flow Fan             |
| Diameter-Length (in)                          | 3.35 – 26.3                | 3.35 – 26.3                | 3.86 – 28.86               | 3.86 – 32.6                |
| Evaporator                                    | Aluminum fin - copper tube | Aluminum fin - copper tube | Aluminum fin - copper tube | Aluminum fin - copper tube |
| Pipe Diameter (in)                            | 0.275                      | 0.275                      | 0.275                      | 0.275                      |
| Row-Fin Gap (in)                              | 2-0.059                    | 2-0.059                    | 2-0.055                    | 2-0.059                    |
| Coil length(L) x height(H) x coil width (W)   | 25.9 x 11.2 x 1            | 25.9 x 11.2 x 1            | 29.1 x 12 x 1              | 32.9x15.7x1                |
| SwingMotorModel/Output(w)forhorizontal louver | MP28VB / 2                 | MP28VB / 2                 | MP28VB / 2.5               | MP35XX / 2.5               |
| Fuse(A)                                       | 3.15                       | 3.15                       | 3.15                       | 3.15                       |
| Sound Pressure Level dB(A)                    | 42 / 38 / 30 / 28          | 47 / 38 / 30 / 28          | 46 / 43 / 40 / 35          | 51 / 43 / 40 / 35          |
| Sound Power Level dB(A) Turbo (H/M/L)         | 52 / 48 / 40 / 38          | 57 / 48 / 40 / 38          | 56 / 53 / 50 / 45          | 61 / 53 / 50 / 45          |
| Dimensions of Unit (W / D / H)                | 34.3 / 7 / 11.1            | 34.3 / 7 / 11.1            | 37.8 / 7.7 / 11.8          | 42.9 / 8.2 / 13            |
| Dimension of Package (W / D / H)              | 36.8 / 14.8 / 10.2         | 36.8 / 14.8 / 10.2         | 40.7 / 15.4 / 11           | 45.7 / 16.1 / 12.2         |
| Net / Gross Weight (lb)                       | 26.5 / 33.1                | 26.5 / 33.1                | 28.7 / 39.7                | 35.3 / 46.3                |

## Single Zone Inverter High Efficiency Line Size Information



# Single Zone High Efficiency Series

## Mini-Split Cooling Only



| OUTDOOR DATA                     |                            |                            |                            |                            |
|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Product Code                     | 241-4001-C                 | 241-4002-C                 | 241-4004-C                 | 241-4005-C                 |
| Model Number                     | 9A423YOGX                  | 12A422YOGX                 | 18A420ZOGX                 | 24A419ZOGX                 |
| Compressor Model                 | C-6RZ110H1A                | C-6RZ110H1A                | C-6RZ146H1A                | C-6RZ146H1A                |
| Compressor Type                  | Rotary                     | Rotary                     | Rotary                     | Rotary                     |
| LRA (Amps)                       | 33                         | 33                         | 41                         | 41                         |
| Compressor RLA (Amps)            | 4.59                       | 4.59                       | 8.4                        | 8.4                        |
| Compressor Power Input (W)       | 800                        | 800                        | 1640                       | 1640                       |
| Compressor overload protection   | 1NT11L-3979                | 1NT11L-3979                | 1NT11L-3979                | 1NT11L-3979                |
| Throttling Method                | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve | Electronic Expansion Valve |
| Compressor Start Method          | Transducer Starting        | Transducer Starting        | Transducer Starting        | Transducer Starting        |
| Outdoor Operating Range          | 14°F to 118°F              | 14°F to 118°F              | 14°F to 118°F              | 14°F to 118°F              |
| Condenser                        | Aluminum fin - copper tube | Aluminum fin - copper tube | Aluminum fin - copper tube | Aluminum fin - copper tube |
| Pipe Diameter (in)               | 0.375                      | 0.375                      | 0.275                      | 0.275                      |
| Row-Fin Gap (in)                 | 2-0.055                    | 2-0.055                    | 2-0.055                    | 2-0.055                    |
| Coil length(L) x height(H)       | 29.41 x 20 x 1.73          | 29.41 x 22.01 x 1.73       | 32.95 x 25.98 x 1.5        | 38.07 x 29.45 x 1.5        |
| x width(L)(in)                   |                            |                            |                            |                            |
| Fan Motor Speed (rpm)            | 830±30                     | 830±30                     | 690 / 500                  | 780                        |
| Output of Fan Motor (W)          | 30                         | 30                         | 60                         | 90                         |
| Fan Motor RLA (A)                | 0.27                       | 0.27                       | 0.4                        | 0.9                        |
| Fan Motor Capacitor (µfd)        | N/A                        | 11                         | 4                          | 4                          |
| Air Flow Volume (CFM)            | 1118                       | 1118                       | 1883                       | 2472                       |
| Fan Type                         | Axial fan                  | Axial fan                  | Axial fan                  | Axial fan                  |
| Fan Diameter (in)                | 15.75                      | 15.75                      | 20.47                      | 21.73                      |
| Defrosting Method                | N/A                        | N/A                        | N/A                        | N/A                        |
| Climate Type                     | T1                         | T1                         | T1                         | T1                         |
| Isolation                        | I                          | I                          | I                          | I                          |
| Moisture Protection              | IP24                       | IP24                       | IP24                       | IP24                       |
| Design Pressure High (PSI)       | 550                        | 550                        | 490                        | 490                        |
| Design Pressure Low (PSI)        | 450                        | 450                        | 400                        | 400                        |
| Sound Pressure Level dB(A)       | 52                         | 55                         | 54                         | 56                         |
| Sound Power Level dB(A)          | 62                         | 65                         | 64                         | 66                         |
| Dimension of Unit                | 33.4 x 12.6 x 21.3         | 33.4 x 12.6 x 23.2         | 35 x 13.4 x 27.6           | 36.2 x 14.6 x 31.1         |
| (W x D x H) (approx in)          |                            |                            |                            |                            |
| Dimension of Package             | 34.6 x 14.2 x 22.8         | 34.6 x 14.2 x 24.8         | 40.6 x 18.1 x 28.9         | 41.9 x 19.1 x 33.1         |
| (W x D x H)                      |                            |                            |                            |                            |
| Net/Gross Weight (lb)            | 86 / 94.8                  | 88.2 / 97                  | 110.2 / 121.3              | 119 / 132.3                |
| Refrigerant Charge (lb)          | R410A / 2.98 lbs           | R410A / 2.98 lbs           | R410A / 3.2 lbs            | R410A / 3.97 lbs           |
| CONNECTION PIPE                  |                            |                            |                            |                            |
| Design Length (ft)               | 24.9                       | 24.9                       | 26.2                       | 26.2                       |
| Extra Refrigerant Charge Per     | 0.16                       | 0.16                       | 0.22                       | 0.32                       |
| feet above design length (oz/ft) |                            |                            |                            |                            |
| Outer Diameter Liquid Pipe (in)  | 1/4"                       | 1/4"                       | 1/4"                       | 1/4"                       |
| Outer Diameter Gas pipe (in)     | 3/8"                       | 1/2"                       | 1/2"                       | 5/8"                       |
| Max Distance Height(ft)          | 32.8                       | 32.8                       | 49.2                       | 49.2                       |
| Max Distance Length(ft)          | 65.6                       | 65.6                       | 98.4                       | 98.4                       |

# Single Zone High Efficiency Series Mini-Split Heat Pump



| Product Code                                           | 241-2001                                       | 241-2002                                       | 241-2004                                       |
|--------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Model Number                                           | 9H423YGX                                       | 12H422YGX                                      | 18H420ZGX                                      |
| Function                                               | COOLING / HEATING                              | COOLING / HEATING                              | COOLING / HEATING                              |
| Rated Voltage                                          | 115V AC / 1PH                                  | 115V AC / 1PH                                  | 208-230V AC / 1 PH                             |
| Cooling Capacity (BTU) - High/Standard/Low             | 11950 / 9000 / 4000                            | 13000 / 12000 / 4500                           | 22000/ 18000 /6200                             |
| Heating Capacity (BTU) - High/Standard/Low             | 12500 / 9500 / 3412                            | 14000 / 13000 / 3200                           | 25000/ 25000/ 4100                             |
| SEER                                                   | 23                                             | 22                                             | 20                                             |
| HSPF                                                   | 9                                              | 9                                              | 10.2 (Region IV -US) 8.8 (Region V-Canada)     |
| EER / C.O.P (W / W)                                    | 4.33 / 4.04                                    | 3.52 / 3.34                                    | 3.51 / 2.71                                    |
| Outdoor Operating Range                                | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F |
| Cooling Power Input (W) - High/Standard/Low            | 1180 / 620 / 166                               | 1180 / 1000 / 160                              | 2650 / 1500 / 180                              |
| Heating Power Input (W) - High/Standard/Low            | 1230 / 680 / 200                               | 1250 / 1140 / 400                              | 2700 / 2700 / 240                              |
| Cooling / Heating Rated Current (A)                    | 8 / 8.5                                        | 13 / 14.5                                      | 7.67 / 13.8                                    |
| Indoor Air Circulation (CFM)                           | 306 / 253 /                                    | 329 / 288 /                                    | 488 / 441 /                                    |
| (Turbo/H/M/L)                                          | 217 / 170                                      | 253 / 206                                      | 382 / 323                                      |
| Dehumidifying Volume(pts/h)                            | 2.53                                           | 2.53                                           | 4.22                                           |
| Auto Restart                                           | Yes                                            | Yes                                            | Yes                                            |
| Breaker Size (AMPS)                                    | 25                                             | 25                                             | 25                                             |
| Circuit Ampacity                                       | 15                                             | 15                                             | 14                                             |
| INDOOR DATA                                            |                                                |                                                |                                                |
| Product Code                                           | 241-2001-E                                     | 241-2002-E                                     | 241-2004-E                                     |
| Model Number                                           | 9H423YIGX                                      | 12H422YIGX                                     | 18H420ZIGX                                     |
| Fan Motor Speed(RPM)- Cooling                          | 1400 / 1150 / 1050/900                         | 1500 / 1150 / 1050/900                         | 1500 / 1150 / 1050 / 950                       |
| Fan Motor Speed(RPM)- Heating (Turbo / L / M / H)      | 1450 / 1250 / 1150 / 1050                      | 1450 / 1250 / 1150 / 1050                      | 1500 / 1200 / 1100 / 1000                      |
| Output of Fan Motor (W)                                | 10                                             | 10                                             | 20                                             |
| Fan Motor Capacitor (ufd)                              | N/A                                            | N/A                                            | 1.5                                            |
| Fan Motor RLA ( A)                                     | 0.28                                           | 0.28                                           | 0.25                                           |
| Fan Type                                               | Cross Flow Fan                                 | Cross Flow Fan                                 | Cross Flow Fan                                 |
| Diameter-Length (in)                                   | 3.35 – 26.3                                    | 3.35 – 26.3                                    | 3.86 – 28.86                                   |
| Evaporator                                             | Aluminum fin - copper tube                     | Aluminum fin - copper tube                     | Aluminum fin - copper tube                     |
| Pipe Diameter (in)                                     | 0.275                                          | 0.275                                          | 0.275                                          |
| Row-Fin Gap (in)                                       | 2-0.059                                        | 2-0.059                                        | 2-0.055                                        |
| Coil length(L) x height (H)x coil width(W) (in)        | 25.9 x 11.2 x 1                                | 25.9 x 11.2 x 1                                | 29.1 x 12 x 1                                  |
| Swing Motor Model / Output (W) (for horizontal louver) | MP28VB / 2                                     | MP28VB / 2                                     | MP28VB / 2.5                                   |
| Fuse(A)                                                | 3.15                                           | 3.15                                           | 3.15                                           |
| Sound Pressure Level dB(A) (Turbo / H / M / L)         | 42 / 38 / 30 / 28                              | 47 / 38 / 30 / 28                              | 46 / 43 / 40 / 35                              |
| Sound Power Level dB(A) (Turbo / H / M / L)            | 52 / 48 / 40 / 38                              | 57 / 48 / 40 / 38                              | 56 / 53 / 50 / 45                              |
| Dimensions of Unit (W x D x H) (approx in)             | 34.3 / 7 / 11.1                                | 34.3 / 7 / 11.1                                | 37.8 / 7.7 / 11.8                              |
| Dimension of Package (W / D / H) (approx in)           | 36.8 x 10.2 x 14.8                             | 36.8 x 10.2 x 14.8                             | 40.7 x 11 x 15.4                               |
| Net / Gross Weight (lb)                                | 26.5 / 33.1                                    | 26.5 / 33.1                                    | 28.7 / 39.7                                    |

# Single Zone High Efficiency Series Mini-Split Heat Pump



| OUTDOOR DATA                               |                                                |                                                |                                                |
|--------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Product Code                               | 241-2001-C                                     | 241-2002-C                                     | 241-2004-C                                     |
| Model Number                               | 9H423YOGX                                      | 12H422YOGX                                     | 18H420ZOGX                                     |
| Compressor Model                           | C-6RZ110H1A                                    | C-6RZ110H1A                                    | C-6RZ146H1A                                    |
| Compressor Type                            | Rotary                                         | Rotary                                         | Rotary                                         |
| LRA (Amps)                                 | 33                                             | 33                                             | 41                                             |
| Compressor RLA (Amps)                      | 4.59                                           | 4.59                                           | 8.4                                            |
| Compressor Power Input (W)                 | 800                                            | 800                                            | 1640                                           |
| Compressor overload protection             | 1NT11L-3979                                    | 1NT11L-3979                                    | 1NT11L-3979                                    |
| Throttling Method                          | Electronic Expansion Valve                     | Electronic Expansion Valve                     | Electronic Expansion Valve                     |
| Compressor Start Method                    | Transducer Starting                            | Transducer Starting                            | Transducer Starting                            |
| Outdoor Operating Range                    | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F |
| Condenser                                  | Aluminum fin - copper tube                     | Aluminum fin - copper tube                     | Aluminum fin - copper tube                     |
| Pipe Diameter (in)                         | 0.375                                          | 0.375                                          | 0.275                                          |
| Row-Fin Gap (in)                           | 2-0.055                                        | 2-0.055                                        | 2-0.055                                        |
| Coil length(L) x height(H) x width (W)(in) | 29.41 x 20 x 1.73                              | 29.41 x 22.01 x 1.73                           | 32.95 x 25.98 x 1.5                            |
| Fan Motor Speed (rpm)                      | 830±30                                         | 830±30                                         | 690 / 500                                      |
| Output of Fan Motor (W)                    | 30                                             | 30                                             | 60                                             |
| Fan Motor RLA (A)                          | 0.27                                           | 0.27                                           | 0.4                                            |
| Fan Motor Capacitor (µfd)                  | N/A                                            | 11                                             | 4                                              |
| Air Flow Volume (CFM)                      | 1118                                           | 1118                                           | 1883                                           |
| Fan Type                                   | Axial Fan                                      | Axial Fan                                      | Axial Fan                                      |
| Fan Diameter (in)                          | 15.75                                          | 15.75                                          | 20.47                                          |
| Defrosting Method                          | Auto Defrost                                   | Auto Defrost                                   | Auto Defrost                                   |
| Climate Type                               | T1                                             | T1                                             | T1                                             |
| Isolation                                  | I                                              | I                                              | I                                              |
| Moisture Protection                        | IP24                                           | IP24                                           | IP24                                           |
| Design Pressure High (PSI)                 | 550                                            | 550                                            | 490                                            |
| Design Pressure Low (PSI)                  | 450                                            | 450                                            | 400                                            |
| Sound Pressure Level dB(A)                 | 52                                             | 55                                             | 54                                             |
| Sound Power Level dB(A)                    | 62                                             | 65                                             | 64                                             |
| Dimension of Unit                          | 33.4 x 12.6 x 21.3                             | 33.4 x 12.6 x 23.2                             | 35 x 13.4 x 27.6                               |
| (W x D x H) (approx in)                    |                                                |                                                |                                                |
| Dimension of Package                       | 34.6 x 14.2 x 22.8                             | 34.6 x 14.2 x 24.8                             | 40.6 x 18.1 x 28.9                             |
| (W X D X H) (approx in)                    |                                                |                                                |                                                |
| Net/Gross Weight (lb)                      | 88.2 / 97                                      | 90.4 / 99.2                                    | 110.2 / 121.3                                  |
| Refrigerant Charge (lb)                    | R410A / 2.98 lbs                               | R410A / 2.98 lbs                               | R410A / 3.2 lbs                                |
| CONNECTION PIPE                            |                                                |                                                |                                                |
| Design Length (ft)                         | 24.9                                           | 24.9                                           | 26.2                                           |
| Extra Refrigerant Charge                   | 0.16                                           | 0.16                                           | 0.22                                           |
| Per feet above design length (oz/ft)       |                                                |                                                |                                                |
| Outer Diameter Liquid Pipe (in)            | 1/4"                                           | 1/4"                                           | 1/4"                                           |
| Outer Diameter Gas pipe (in)               | 3/8"                                           | 1/2"                                           | 1/2"                                           |
| Max Distance Height(ft)                    | 32.8                                           | 32.8                                           | 49.2                                           |
| Max Distance Length(ft)                    | 65.6                                           | 65.6                                           | 98.4                                           |

# Single Zone High Efficiency Series Mini-Split Heat Pump



|                                                        |                                                |                                                      |                                                      |
|--------------------------------------------------------|------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Product Code                                           | 241-2005                                       | 242-1306                                             | 242-1307                                             |
| Model Number                                           | 24H419ZGX                                      | 30H46ZMI                                             | 36H44ZMI                                             |
| Function                                               | COOLING / HEATING                              | COOLING / HEATING                                    | COOLING / HEATING                                    |
| Rated Voltage                                          | 208-230V AC / 1 PH                             | 208-230V AC / 1 PH                                   | 208-230V AC / 1 PH                                   |
| Cooling Capacity (BTU) - High/Standard/Low             | 26200/ 22000 /7800                             | 30000                                                | 36000                                                |
| Heating Capacity (BTU) - High/Standard/Low             | 28000/ 28000/ 6000                             | 30000                                                | 36000                                                |
| SEER                                                   | 19                                             | 16                                                   | 14.5                                                 |
| HSPF                                                   | 10.5 (Region IV -US)<br>8.8 (Region V-Canada)  | 9.6 (Region IV -US)                                  | 9 (Region IV -US)                                    |
| EER / C.O.P (W / W)                                    | 3.51 / 3.04                                    | 10 C.O.P.                                            | 9.5 C.O.P.                                           |
| Outdoor Operating Range                                | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 5°F to 109.4°F<br>Heating: 19.4°F to 75.2°F | Cooling: 5°F to 109.4°F<br>Heating: 19.4°F to 75.2°F |
| Cooling Power Input (W) - High/Standard/Low            | 2660 / 1832 / 220                              | 2800                                                 | 3000                                                 |
| Heating Power Input (W) - High/Standard/Low            | 2700 / 2700 / 260                              | 2860                                                 | 3600                                                 |
| Cooling / Heating Rated Current (A)                    | 9.36 / 13.81                                   | 15 / 16                                              | 16 / 18                                              |
| Indoor Air Circulation (CFM)                           | 606 / 470 /                                    | 942                                                  | 942                                                  |
| (Turbo/H/M/L)                                          | 412 / 353                                      | 970 / 840 / 730                                      | 970 / 840 / 730                                      |
| Dehumidifying Volume(pts/h)                            | 5.28                                           | 6.3                                                  | 8                                                    |
| Auto Restart                                           | Yes                                            | Yes                                                  | Yes                                                  |
| Breaker Size (AMPS)                                    | 25                                             | 25                                                   | 30                                                   |
| Circuit Ampacity                                       | 14                                             | 16                                                   | 20                                                   |
| INDOOR DATA                                            |                                                |                                                      |                                                      |
| Product Code                                           | 241-2005-E                                     | 242-1306-E                                           | 242-1307-E                                           |
| Model Number                                           | 24H419ZIGX                                     | 30H46ZIMI                                            | 36H44ZIMI                                            |
| Fan Motor Speed(RPM)- Cooling (Turbo / L / M / H)      | 1380 / 1000 / 900 / 750                        | N.A. / 950 / 1090 / 1260                             | N.A. / 950 / 1090 / 1260                             |
| Fan Motor Speed(RPM)- Heating (Turbo / L / M / H)      | 1380/1050/ 950/850                             | N.A. / 950 / 1090 / 1260                             | N.A. / 950 / 1090 / 1260                             |
| Output of Fan Motor (W)                                | 35                                             | 68 / 87 / 113                                        | 68 / 87 / 113                                        |
| Fan Motor Capacitor (ufd)                              | 2.5                                            | 3                                                    | 3                                                    |
| Fan Motor RLA ( A)                                     | 0.45                                           | 0.51                                                 | 0.78                                                 |
| Fan Type                                               | Cross Flow Fan                                 | Cross Flow Fan                                       | Cross Flow Fan                                       |
| Diameter-Length (in)                                   | 3.86 – 32.6                                    | φ4.65*21.89                                          | φ4.65*21.89                                          |
| Evaporator                                             | Aluminum fin - copper tube                     | Aluminum fin - copper tube                           | Aluminum fin - copper tube                           |
| Pipe Diameter (in)                                     | 0.275                                          | 5/8, 3/8                                             | 5/8, 3/8                                             |
| Row-Fin Gap (in)                                       | 2-0.059                                        | 0.055                                                | 0.055                                                |
| Coil length(L) x height (H)x coil width(W) (in)        | 32.9x15.7x1                                    | 45.28X14.88X1.57                                     | 45.28X14.88X1.58                                     |
| Swing Motor Model / Output (W) (for horizontal louver) | MP35XX / 2.5                                   | NA                                                   | NA                                                   |
| Fuse(A)                                                | 3.15                                           | 25                                                   | 30                                                   |
| Sound Pressure Level dB(A) (Turbo / H / M / L)         | 51 / 43 / 40 / 35                              | N.A / 50 / 48 / 46                                   | N.A / 50 / 48 / 46                                   |
| Sound Power Level dB(A) (Turbo / H / M / L)            | 61 / 53 / 50 / 45                              | NA                                                   | NA                                                   |
| Dimensions of Unit (W x D x H) (approx in)             | 42.9 / 8.2 / 13                                | 56 7/8 - 10 7/8 - 13 3/8                             | 56 7/8 - 10 7/8 - 13 3/8                             |
| Dimension of Package (W / D / H) (approx in)           | 45.7 x 12.2 x 16.1                             | 60 1/4 - 16 9/16 - 14 3/8                            | 60 1/4 - 16 9/16 - 14 3/8                            |
| Net / Gross Weight (lb)                                | 35.3 / 46.3                                    | 53 / 71                                              | 53 / 71                                              |

# Single Zone High Efficiency Series Mini-Split Heat Pump



| OUTDOOR DATA                                           |                                                |                                                      |                                                      |
|--------------------------------------------------------|------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Product Code                                           | 241-2005-C                                     | 242-1306-C                                           | 242-1307-C                                           |
| Model Number                                           | 24H419ZOGX                                     | 30H46ZOMI                                            | 36H44ZOMI                                            |
| Compressor Model                                       | C-6RZ146H1A                                    | DA250S2C-30MT (GMCC)                                 | TNB306FPGMC-L (GMCC)                                 |
| Compressor Type                                        | Rotary                                         | Rotary                                               | Rotary                                               |
| LRA (Amps)                                             | 41                                             | NA                                                   | NA                                                   |
| Compressor RLA (Amps)                                  | 8.4                                            | 8.5                                                  | 13.5                                                 |
| Compressor Power Input (W)                             | 1640                                           | 2120                                                 | 3080                                                 |
| Compressor overload protection                         | 1NT11L-3979                                    | Thermal                                              | Thermal                                              |
| Throttling Method                                      | Electronic Expansion Valve                     | Electronic Expansion Valve                           | Electronic Expansion Valve                           |
| Compressor Start Method                                | Transducer Starting                            | Startsatlow speedwithinvertercontrol                 | Startsat low speed with inverter control             |
| Outdoor Operating Range                                | Cooling: 14°F to 118°F<br>Heating: 5°F to 75°F | Cooling: 5°F to 109.4°F<br>Heating: 19.4°F to 75.2°F | Cooling: 5°F to 109.4°F<br>Heating: 19.4°F to 75.2°F |
| Condenser                                              | Aluminum fin - copper tube                     |                                                      |                                                      |
| Pipe Diameter (in)                                     | 0.275                                          | 5/8, 3/8                                             | 5/8, 3/8                                             |
| Row-Fin Gap (in)                                       | 2-0.055                                        | 0.055                                                | 0.059                                                |
| Coil length(L) x height(H) x width (W)(in)             | 38.07 x 29.45 x 1.5                            | 30.16X31.49X1.61                                     | 33.66x902x38.1                                       |
| Fan Motor Speed (rpm)                                  | 780                                            | 790 / 540                                            | 750 / 615                                            |
| Output of Fan Motor (W)                                | 90                                             | 157.3 / 93.8                                         | 299 / 223                                            |
| Fan Motor RLA (A)                                      | 0.9                                            | 0.75                                                 | 0.78                                                 |
| Fan Motor Capacitor (µfd)                              | 4                                              | 2.5                                                  | 10                                                   |
| Air Flow Volume (CFM)                                  | 2472                                           | 2060                                                 | 2237                                                 |
| Fan Type                                               | Axial Fan                                      | Axial Fan                                            | Axial Fan                                            |
| Fan Diameter (in)                                      | 21.73                                          | NA                                                   | NA                                                   |
| Defrosting Method                                      | Auto Defrost                                   | Auto Defrost                                         | Auto Defrost                                         |
| Climate Type                                           | T1                                             | T1                                                   | T1                                                   |
| Isolation                                              | I                                              | I                                                    | I                                                    |
| Moisture Protection                                    | IP24                                           | IP24                                                 | IP24                                                 |
| Design Pressure High (PSI)                             | 490                                            | 550                                                  | 550                                                  |
| Design Pressure Low (PSI)                              | 400                                            | 340                                                  | 340                                                  |
| Sound Pressure Level dB(A)                             | 56                                             | 59                                                   | 59                                                   |
| Sound Power Level dB(A)                                | 66                                             | NA                                                   | NA                                                   |
| Dimension of Unit (W x D x H) (approx in)              | 36.2 x 14.6 x 31.1                             | 35 1/4 x 13 x 33 1/4                                 | 39 x 13 9/16 x 38                                    |
| Dimension of Package (W X D X H) (approx in)           | 41.9 x 19.1 x 33.1                             | 41 1/6 x 15 9/16 x 36                                | 44 1/8 x 17 1/8 x 43 5/16                            |
| Net/Gross Weight (lb)                                  | 119 / 132.3                                    | 157 / 165                                            | 181 / 190                                            |
| Refrigerant Charge (lb)                                | R410A / 3.97 lbs                               | R410A / 5.62 lbs                                     | R410A / 6.06 lbs                                     |
| CONNECTION PIPE                                        |                                                |                                                      |                                                      |
| Design Length (ft)                                     | 26.2                                           | 16.4                                                 | 16.4                                                 |
| ExtraRefrigerantChargePerfeetabovedesignlength (oz/ft) | 0.32                                           | 0.43                                                 | 0.43                                                 |
| Outer Diameter Liquid Pipe (in)                        | 1/4"                                           | 3/8"                                                 | 3/8"                                                 |
| Outer Diameter Gas pipe (in)                           | 5/8"                                           | 5/8"                                                 | 5/8"                                                 |
| Max Distance Height(ft)                                | 49.2                                           | 32.8                                                 | 32.8                                                 |
| Max Distance Length(ft)                                | 98.4                                           | 82                                                   | 82                                                   |

# Dual, Tri, and Quad Zone Mini-Split Heat Pumps



The Sea Breeze High Efficiency Mini-Split Dual, Tri, and Quad Zone system is like having all the benefits of central air less the headache of duct work. These freematch systems have mix and match flexibility that will allow you to control individual room temperatures in up to four rooms. With 16 Seer, 410A, Inverter Technology, and Multiple Configurations, the possibilities are endless.



12MH46ZIGX



24MH46ZOGX



34MH46ZOGX



# Dual, Tri, and Quad Zone Mini-Split Heat Pump Evaporators



| Product Code             |                                        | 241-1009-E            | 241-1012-E            | 241-1018-E            |
|--------------------------|----------------------------------------|-----------------------|-----------------------|-----------------------|
| Model Number             |                                        | 9MH46ZIGX             | 12MH46ZIGX            | 18MH46ZIGX            |
| Performance & Electrical | Rated Voltage & Frequency              | 208-230 / 1PH         | 208-230 / 1PH         | 208-230 / 1PH         |
|                          | Total Input Current (A)                | 0.17                  | 0.17                  | 0.278                 |
|                          | Cooling BTU                            |                       | 9000                  | 12000                 |
|                          | Heating BTU                            |                       | 10000                 | 13500                 |
| Fan Motor                | Dehumidifying Volume (pt/hr)           | 1.7                   | 2.5                   | 5.3                   |
|                          | Output (W)                             | 10                    | 10                    | 20                    |
|                          | Fan Motor RLA (A)                      | 0.17                  | 0.17                  | 0.278                 |
|                          | Fan Motor Capacitor (MFD/V)            | 1                     | 1                     | 1                     |
|                          | Speed (Hi/Med/Low) (RPM)               | 1150 / 1000 / 850     | 1150 / 1050 / 900     | 1150 / 1050 / 950     |
|                          | Speed (turbo) (RPM)                    | 1250                  | 1350                  | 1380                  |
| Evaporator               | Number of rows                         | 2                     | 2                     | 2                     |
|                          | Tube pitch row / pitch (in)            | 0.5 / 0.75            | 0.5 / 0.75            | 0.5 / 0.75            |
|                          | Fin spacing (in)                       | 0.063                 | 0.055                 | 0.059                 |
|                          | Fin Type                               | Aluminum, Louvered    | Aluminum, Louvered    | Aluminum, Louvered    |
|                          | Tube outside dia.(in) / Type           | 0.276                 | 0.276                 | 0.276                 |
|                          | Coil Length x height x width (in)      | 23.74 x 10.39 x 1     | 25.87 x 11.22 x 1     | 29.13 x 11.85 x 1     |
|                          | Liquid Line                            | 1/4"                  | 1/4"                  | 1/4"                  |
| Design Data              | Suction Line                           |                       | 3/8"                  | 1/2"                  |
|                          | Air Flow (Turbo/Hi/Med/Low) (CFM)      | 265 / 231 / 190 / 163 | 300 / 252 / 223 / 195 | 488 / 394 / 352       |
|                          | Sound Pressure Level dB(A) (H / M / L) | 38 / 35 / 32 / 29     | 40 / 35 / 33 / 30     | 46 / 43 / 38 / 34     |
|                          | Sound Power Level dB(A) (H / M / L)    | 48 / 45 / 42 / 39     | 50 / 45 / 43 / 40     | 56 / 53 / 48 / 44     |
|                          | Fan Type                               | Cross flow fan        | Cross flow fan        | Cross flow fan        |
|                          | Fan Diameter (in)                      | 3.35                  | 3.35                  | 3.86                  |
|                          | Fan Length (in)                        | 24.21                 | 26.3                  | 28.86                 |
|                          | Design Pressure (PSI)                  | 130.5 / 435.1         | 130.5 / 435.1         | 130.5 / 435.1         |
|                          | High Pressure (PSI)                    | 500                   | 500                   | 500                   |
|                          | Low Pressure (PSI)                     | 235                   | 235                   | 235                   |
| Dimensions & Weight      | Remote                                 | Yes                   | Yes                   | Yes                   |
|                          | Auto-restart                           |                       | Yes                   | Yes                   |
|                          | Unit Dimensions (W x H x D) (in)       | 32.09 x 10.51 x 6.50  | 34.33 x 11.14 x 7.01  | 37.80 x 11.81 x 7.68  |
|                          | Packing Dimensions (W x H x D) (in)    | 35.04 x 13.54 x 10.24 | 36.81 x 14.72 x 10.24 | 40.75 x 15.35 x 11.02 |
|                          | Net / Gross Wt (lbs)                   | 22.05 / 28.66         | 24.25 / 33.07         | 28.66 / 39.68         |

## TWO INDOOR UNIT OPTIONS

9K + 9K or 9K + 12K or 9K + 18K or  
12K + 12K or 12K + 18K or 18K + 18K

## THREE INDOOR UNIT OPTIONS

9K + 9K + 9K or 9K + 9K + 12K or  
9K + 12K + 12K or 9K + 9K + 18K or  
9K + 12K + 18K or 12K + 12K + 12K or  
12K + 12K + 18K

## FOUR INDOOR UNIT OPTIONS

9K + 9K + 9K + 9K or  
9K + 9K + 9K + 12K or  
9K + 9K + 12K + 12K or  
9K + 9K + 9K + 18K

## IMPORTANT

The system matches below are not recommended if all indoor units may require simultaneous continuous duty at full efficiency.

## TWO INDOOR UNIT OPTIONS

18K + 18K

## THREE INDOOR UNIT OPTIONS

9K + 12K + 18K or 12K + 12K + 12K  
or 12K + 12K + 18K

## FOUR INDOOR UNIT OPTIONS

9K + 9K + 9K + 12K or 9K + 9K + 12K + 12K  
or 9K + 9K + 9K + 18K

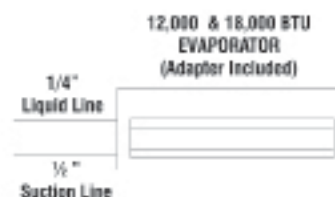
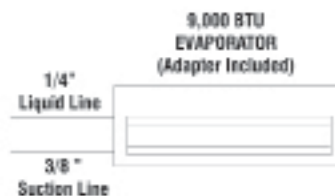
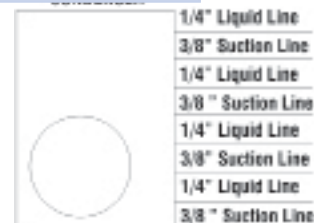
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## Dual Zone / Quad Zone Inverter Line Size Information

Dual Zone  
Max Line Length  
66' Total  
24,000 BTU  
Condenser



Dual Tri Quad Zone  
Max Line Length  
229' Length  
34,000 BTU  
Condenser



NOTE: Line sets should be the same as the indoor unit.

# Dual Zone Heat Pump Condensing Units



|                                        |                                           |                              |
|----------------------------------------|-------------------------------------------|------------------------------|
| Product Code                           |                                           | 241-1024-C                   |
| Model Number                           |                                           | 24MH46ZOGX                   |
| Rated Voltage & Frequency and Phase    |                                           | 208-230 / 1PH                |
| Circuit Breaker Size (A)               |                                           | 25A                          |
| Total Current (RLA) cooling (A)        |                                           | 15.9                         |
| Total Current (RLA) heating (A)        |                                           | 15.9                         |
| Working Temperature Range (cooling °F) |                                           | 14 to 118                    |
| Working Temperature Range (heating °F) |                                           | 5 to 75                      |
| Refrigerant (R410A), (lbs)             |                                           | 5.5                          |
| Cooling                                | Rated Capacity (BTU)                      | 24,000                       |
|                                        | Capacity Invert Range (BTU)               | 10,000 / 28,000              |
|                                        | Input / Actual Input (W)                  | 1100 / 2250                  |
|                                        | Max. Power (W)                            | 3300                         |
|                                        | Max Current (A)                           | 16.9                         |
|                                        | SEER                                      | 16                           |
| Heating                                | Rated Capacity (BTU)                      | 28,000                       |
|                                        | Capacity Invert Range (W)                 | 9,000 / 33,000               |
|                                        | Input / Actual Input (W)                  | 1250 / 2600                  |
|                                        | Max. Power (W)                            | 3500                         |
|                                        | Max Current (A)                           | 17.6                         |
|                                        | Declared COP / Actual COP (w/w.h.)        | 8.2                          |
| Fan Motor                              | Model                                     | FW60C                        |
|                                        | Output (W)                                | 60                           |
|                                        | Capacitor (UFD)                           | 3                            |
|                                        | Fan Motor FLA (A)                         | 0.65                         |
|                                        | Fan Speed (RPM) (H-M-L)                   | 780/ 620 / 600               |
|                                        | Fan Type                                  | Axial Fan                    |
| Outdoor Fan                            | Fan Blade Diameter (in)                   | 18.11                        |
|                                        | Air Flow Volume of Outdoor Unit (CFM)     | 2000                         |
| Compressor                             | Model                                     | C-7RZ233H1A                  |
|                                        | TYPE                                      | Rotary                       |
|                                        | Brand                                     | SANYO                        |
| Condenser                              | Number of Rows                            | 2                            |
|                                        | Tube Pitch x Row Pitch (in)               | 1 / 0.87                     |
|                                        | Fin spacing (in)                          | 0.0551                       |
|                                        | Fin Type                                  | Aluminum, Louvered           |
|                                        | Tube Outside Dia. (in)                    | 0.375                        |
|                                        | Coil Length x Height x Width (in)         | 26.9 x 32 x 1.7              |
|                                        | Number of circuits                        | 2                            |
| Dimensions & Weight                    | Unit Dimensions (W x D x H) (in)          | 37.4 x 16.54 x 33.07         |
|                                        | Packing Dimensions (W x D x H) (in)       | 43.31 x 17.72 x 35.63        |
|                                        | Net / Gross Weight (lb)                   | 149.9 / 160.9                |
| Connection                             | Flare Fitting Liquid line                 | 1/4"                         |
|                                        | Flare Fitting Suction line                | 1/2" (*3)                    |
|                                        | Service Port Fitting                      | 5/16"                        |
|                                        | High Pressure (psi)                       | 500                          |
|                                        | Low Pressure (psi)                        | 235                          |
|                                        | Design Length (ft)                        | 24.6 (each indoor unit)      |
|                                        | Max Line Set Vertical Height (ft)         | 16.4 (each indoor unit) (*4) |
|                                        | Max Line Set Length (ft)                  | 65.6 (total)                 |
|                                        | Charge over Design Length (oz. / ft)      | 0.16 (*1)                    |
|                                        | Design Pressure (PSI)                     | 130.5 / 435.1 (*2)           |
|                                        | Wiring (Indoor to Outdoor)                | 4C- 16 AWG                   |
|                                        | Wiring (Outdoor unit to Power Disconnect) | 3C- 10 AWG                   |

\*1. When the total length of liquid line is over 49.2 ft, the additional refrigerant charge is required.

\*2. Design Pressure is rated under the following conditions: Indoor: Dry Bulb 80 °F, Wet-Bulb 67 °F; Outdoor: Dry-Bulb 95 °F, 75 °F.

\*3. Dual Zone uses 1/2" to 3/8" adaptor for 9K indoor unit. Not required for 12K BTU indoor unit.

\*4. Each unit's height, not accumulative. Example: 2 indoor units, each unit can be a maximum of 16.4 ft vertical. (NOTE: Outdoor unit must connect to TWO indoor units.)

# FREE MATCH Triple or Quad Zone Heat Pump Condensing Units



|                                        |                                           |                              |
|----------------------------------------|-------------------------------------------|------------------------------|
| Product Code                           |                                           | 241-1034-C                   |
| Model Number                           |                                           | 34MH46ZOGX                   |
| Rated Voltage & Frequency and Phase    | 208-230 / 1PH                             |                              |
| Circuit Breaker Size (A)               | 40                                        |                              |
| Total Current (RLA) cooling            | 20.5 / 20.9 A                             |                              |
| Total Current (RLA) heating            | 20.1 / 19.7 A                             |                              |
| Working Temperature Range (cooling °F) | 14 to 118                                 |                              |
| Working Temperature Range (heating °F) | 5 to 75                                   |                              |
| Refrigerant (R410A), (lbs)             | 7.28                                      |                              |
| Cooling                                | Rated Capacity (Btu)                      | 27,000                       |
|                                        | Capacity Invert Range (Btu)               | 10,000 / 34,000              |
|                                        | Input / Actual Input (W)                  | 900 / 2600                   |
|                                        | Max. Power (W)                            | 4700                         |
|                                        | Max Current (A)                           | 21                           |
|                                        | SEER                                      | 16                           |
| Heating                                | Rated Capacity (Btu)                      | 29,000                       |
|                                        | Capacity Invert Range (W)                 | 9,000 / 37,000               |
|                                        | Input / Actual Input (W)                  | 800 / 2500                   |
|                                        | Max. Power (W)                            | 3000                         |
|                                        | Max Current (A)                           | 17.8                         |
|                                        | Declared COP / Actual COP (w/w.h.)        | 8.2                          |
| Fan Motor                              | Model                                     | FW68E                        |
|                                        | Output (W)                                | 68                           |
|                                        | Capacitor (UFD)                           | 3                            |
|                                        | Fan Motor FLA (A)                         | 0.68                         |
|                                        | Fan Speed (RPM)                           | 840 / 740 / 640              |
|                                        | Fan Type                                  | Axial Fan                    |
| Outdoor Fan                            | Fan Blade Diameter (in)                   | 18.11                        |
|                                        | Air Flow Volume of Outdoor Unit (CFM)     | N/A                          |
| Compressor                             | Model                                     | C-7RZ233H1A                  |
|                                        | TYPE                                      | Rotary                       |
|                                        | Brand                                     | SANYO                        |
|                                        | Capacity (W)                              | 7110                         |
|                                        | Input (W)                                 | 1760                         |
| Condenser                              | Number of Rows                            | 2                            |
|                                        | Tube Pitch x Row Pitch (in)               | 1 / 0.87                     |
|                                        | Fin spacing (in)                          | 0.055                        |
|                                        | Fin Type                                  | Aluminum, Louvered           |
|                                        | Tube Outside Dia.(in)                     | 0.375                        |
|                                        | Coil Length x Height x Width (in)         | 31.73 x 32 x 1.73            |
|                                        | Number of circuits                        | 4                            |
| Dimensions & Weight                    | Unit Dimensions (W x D x H) (in)          | 37.4 x 16.54 x 33.07         |
|                                        | Packing Dimensions (W x D x H) (in)       | 43.31 x 17.72 x 35.63        |
|                                        | Net / Gross Weight (lb)                   | 165.3 / 176.4                |
| Connection                             | Flare Fitting Liquid line                 | 1/4"                         |
|                                        | Flare Fitting Suction line                | 3/8" (*3)                    |
|                                        | Service Port Fitting                      | 5/16"                        |
|                                        | High Pressure (psi)                       | 500                          |
|                                        | Low Pressure (psi)                        | 235                          |
|                                        | Design Length (ft)                        | 32.8 (each indoor unit)      |
|                                        | Max Line Set Vertical Height (ft)         | 32.8 (each indoor unit) (*4) |
|                                        | Max Line Set Length (ft)                  | 229 (total)                  |
|                                        | Charge over Design Length (oz. / ft)      | 0.24 (*1)                    |
|                                        | Design Pressure (PSI)                     | 130.5 / 435.1 (*2)           |
|                                        | Wiring (Indoor to Outdoor)                | 4C- 16 AWG                   |
|                                        | Wiring (Outdoor unit to Power Disconnect) | 3C- 8 AWG                    |

\*1. When the total length of liquid line is over 131 ft, the additional refrigerant charge is required.

\*2. Design Pressure is rated under the following conditions: Indoor: Dry Bulb 80 °F, Wet-Bulb 67 °F; Outdoor: Dry-Bulb 95 °F, 75 °F.

\*3. Quad Zone uses 3/8" to 1/2" adaptor for 12K and 18K indoor units. Not required for 9K BTU indoor unit.

\*4. Each unit's height, not accumulative. Example: 2 indoor units, each unit can be a maximum of 32.8 ft vertical. (NOTE: Outdoor unit must connect to TWO indoor units)

# Line Sets & Installation Kits



Line Sets include Insulated Liquid & Suction Lines with flare fittings.

Installation Kits include Connection Wires, PVC Tape, Drainage Hose and Wall Sleeve.



Line Set



Accessory Kit

| Installation Kits                               |           |                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IRP Part #                                      | URI Part  | Description                                                                                                                                                                                                                                                            |
| 239-0001                                        | CTK141225 | Line sets, COPPERTUBING WITH INSULATION, 25 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 1/2" OD                                                                                                                                      |
| 239-0002                                        | CTK141250 | Line sets, COPPERTUBING WITH INSULATION, 50 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 1/2" OD                                                                                                                                      |
| 239-0003                                        | CTK385825 | Line sets, COPPERTUBING WITH INSULATION, 25 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 3/8" OD & 5/8" OD                                                                                                                                      |
| 239-0004                                        | CTK385850 | Line sets, COPPERTUBING WITH INSULATION, 50 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 3/8" OD & 5/8" OD                                                                                                                                      |
| 239-0005                                        | CTK143825 | Line sets, COPPERTUBING WITH INSULATION, 25 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 3/8" OD                                                                                                                                      |
| 239-0006                                        | CTK143850 | Line sets, COPPERTUBING WITH INSULATION, 50 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 3/8" OD                                                                                                                                      |
| 239-0007                                        | CTK145825 | Line sets, COPPERTUBING WITH INSULATION, 25 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 5/8" OD                                                                                                                                      |
| 239-0008                                        | CTK145850 | Line sets, COPPERTUBING WITH INSULATION, 50 Feet Long of 1/4" wall insulated copper tubing with flare fitting - 1/4" OD & 5/8" OD                                                                                                                                      |
| 239-0009                                        | AK25      | Accessory kit, 25 feet of 4 conductor cable - 14 AWG, UL (14/4, white, red, black, green with black jacket), 25 feet of 2 conductor cable - 14 AWG, UL (14/2, white, black with gray jacket), 25 feet of drain hose, 64 ft of PVC tape, 3" wall sleeve, sealing putty  |
| 239-0010                                        | AK50      | Accessory kit, 50 feet of 4 conductor cable - 14 AWG, UL (14/4, white, red, black, green with black jacket), 50 feet of 2 conductor cable - 14 AWG, UL (14/2, white, black with gray jacket), 50 feet of drain hose, 128 ft of PVC tape, 3" wall sleeve, sealing putty |
| CTK = copper tubing Kit                         |           |                                                                                                                                                                                                                                                                        |
| 1st two numerical digits = liquid line size     |           |                                                                                                                                                                                                                                                                        |
| 2nd two numerical digits = suction line size    |           |                                                                                                                                                                                                                                                                        |
| 3rd two numerical digits = copper tubing length |           |                                                                                                                                                                                                                                                                        |
| AK = Accessory kit                              |           |                                                                                                                                                                                                                                                                        |
| 1st two numerical digits = Length of cable, etc |           |                                                                                                                                                                                                                                                                        |

\*An oil trap is recommended if the indoor unit is over 17 - 23 feet in height from the outdoor unit.

# Line Set Matrix



| ProductCode                  | Model Number | (239-0001)<br>CTK141225<br>1/4"x1/2"x25' | (239-0002)<br>CTK141250<br>1/4"x1/2"x50' | (239-0003)<br>CTK385825<br>3/8"x5/8"x25' | (239-0004)<br>CTK385850<br>3/8"x5/8"x50' | (239-0005)<br>CTK143825<br>1/4"x3/8"x25' | (239-0006)<br>CTK143850<br>1/4"x3/8"x50' | (239-0007)<br>CTK145825<br>1/4"x5/8"x25' | (239-0008)<br>CTK145850<br>1/4"x5/8"x50' |
|------------------------------|--------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| 240-1380                     | 9A23YGX      | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-4001                     | 9A44YCB      | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1201                     | 9A43YMA      |                                          |                                          |                                          |                                          | x                                        | x                                        |                                          |                                          |
| 240-1381                     | 12A23YGX     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-4002                     | 12A44YCB     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1202                     | 12A43YMA     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-1382                     | 12A23ZGX     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-4003                     | 18A44ZCB     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 242-1204                     | 18A43ZMA     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-4006                     | 24A43ZCB     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 242-1205                     | 24A43ZMA     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 240-5001                     | 9H43YCX      | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1301                     | 9H43YMA      | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-5002                     | 12H43YGX     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-5008                     | 12H44YCB     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1302                     | 12H43YMA     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-1392                     | 12H23ZGX     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 240-5003                     | 18H43ZCB     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 242-1304                     | 18H43ZMA     | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1205                     | 24H43ZMA     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 240-5005                     | 18HE43ZCX    |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 240-5006                     | 24HE43ZCX    |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 241-4001                     | 9A423YGX     |                                          |                                          |                                          |                                          | x                                        | x                                        |                                          |                                          |
| 241-4002                     | 12A422YGX    | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 241-4004                     | 18A420ZGX    | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 241-4005                     | 24A419ZGX    |                                          |                                          |                                          |                                          |                                          |                                          | x                                        | x                                        |
| 241-2001                     | 9H423YGX     |                                          |                                          |                                          |                                          | x                                        | x                                        |                                          |                                          |
| 241-2002                     | 12H422YGX    | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 241-2004                     | 18H420ZGX    | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 241-2005                     | 24H419ZGX    |                                          |                                          |                                          |                                          |                                          |                                          | x                                        | x                                        |
| 241-1009-E*<br>(indoor unit) | 9MH46ZIGX    |                                          |                                          |                                          |                                          | x                                        | x                                        |                                          |                                          |
| 241-1012-E*<br>(indoor unit) | 12MH46ZIGX   | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 241-1018-E*<br>(indoor unit) | 18MH46ZIGX   | x                                        | x                                        |                                          |                                          |                                          |                                          |                                          |                                          |
| 242-1306                     | 30H46ZMI     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |
| 242-1307                     | 36H44ZMI     |                                          |                                          | x                                        | x                                        |                                          |                                          |                                          |                                          |

\* Adapter to match outdoor unit (dual and quad only) included with indoor unit.

Note: Accessory kits AK25 (25 ft.) / AK50 (50 ft.) includes, cable (14awg. 2C & 4C), 3" wall sleeve, drain tubing, tape and putty.

# Condensate Removal Pumps



| PART NUMBER | DESCRIPTION                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------|
| 4100122     | Miniature condensate pump, 115 VAC, ETL approved, water protection IP54, 21 dBA, N.O. Contacts          |
| 4100123     | Miniature condensate pump, 220/240 VAC, ETL approved, water protection IP64, 21 dBA, N.O. Contacts      |
| 4100124     | Easy Fix accessories, Leveling support, Anti-vibration pad, Pump mount                                  |
| 4100127     | Flowatch Pump with Install Kit, 115 VAC                                                                 |
| 4100128     | Flowatch Pump with Install Kit, 220/240 VAC                                                             |
| 4100129     | Miniature condensate pump, 115 VAC, ETL approved, water protection IP54, 21 dBA, N.O./N.C. Contacts     |
| 4100130     | Miniature condensate pump, 220/240 VAC, ETL approved, water protection IP64, 21 dBA, N.O./N.C. Contacts |



NEW  
NEW

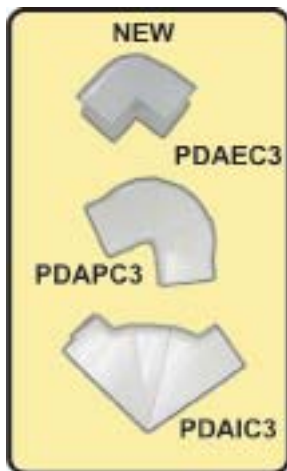
# Mounting Brackets For Mini-Split

| PART NUMBER | DESCRIPTION                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7100-0004   | BR-440L (Changed leg length) Mounting Bracket for mini-Split, Wall type with top bar, weight capacity not greater than 440 lbs., with mounting hardware, 4" longer leg base 7.16 |





Adjustable



PlastiDuct is an Attractive and Stylish Solution for Hiding Tubing and Pipe.

- High Quality PVC
- UV & Shock Resistant
- Paintable PVC to Match Surroundings
- Non-flammable
- UL94 Temperature Acceptability -4 to 140

| CATALOG NUMBER | IRP PRODUCT CODE NUMBER | DESCRIPTION                                                                                   | WEIGHT (LBS) | QTY |
|----------------|-------------------------|-----------------------------------------------------------------------------------------------|--------------|-----|
| PD3            | 415-0001                | CANALSPLIT 08, Code 0812 BC, 2 meter lengths (6.5 Ft), 16 meters per carton (52.5 Ft approx.) | 5.00         | 8   |
| PD4            | 415-0002                | CANALSPLIT 12, Code 1212 BC, 2 meter lengths (6.5 Ft), 8 meters per carton (26.25 Ft approx.) | 5.00         | 4   |
| PDC3           | 415-0003                | Brackets, FAST block, Code 0803 ST (red color), 30 per pack                                   | 0.04         | 30  |
| PDC4           | 415-0004                | Brackets, FAST block, Code 1203 ST (green color), 20 per pack                                 | 0.04         | 20  |
| PDCJ3          | 415-0005                | Cover Joint, Code 0804 GC, 30 per pack                                                        | 0.04         | 30  |
| PDCJ4          | 415-0006                | Cover Joint, Code 1204 GC, 20 per pack                                                        | 0.07         | 20  |
| PDIC3          | 415-0007                | Internal Corner, Code 0805 AI, 6 per pack                                                     | 0.18         | 6   |
| PDIC4          | 415-0008                | Internal Corner, Code 1205 AI, 4 per pack                                                     | 0.31         | 4   |
| PDEC3          | 415-0009                | External Corner, Code 0806 AE, 9 per pack                                                     | 0.16         | 9   |
| PDEC4          | 415-0010                | External Corner, Code 1206 AE, 6 per pack                                                     | 0.29         | 6   |
| PDFC3          | 415-0011                | Plane Curve, Code 0807 CP, 8 per pack                                                         | 0.20         | 8   |
| PDFC4          | 415-0012                | Plane Curve, Code 1207 CP, 6 per pack                                                         | 0.38         | 6   |
| PDECAP3        | 415-0013                | End Cap, Code 0808 TT, 9 per pack                                                             | 0.13         | 9   |
| PDWE3          | 415-0014                | Corner Wall Elbow, Code 0809 CM, 6 per pack                                                   | 0.29         | 6   |
| PDWE4          | 415-0015                | Corner Wall Elbow, Code 1209 CM, 4 per pack                                                   | 0.28         | 4   |
| PDWP3          | 415-0016                | Wall Passage, Code 0810 PM, 8 per pack                                                        | 0.38         | 8   |
| PDWP4          | 415-0017                | Wall Passage, Code 1210 PM, 8 per pack                                                        | 0.11         | 8   |
| PDT3           | 415-0018                | "T" Shunt, Code 0813 DT, 4 per pack                                                           | 0.29         | 4   |
| PDT4           | 415-0019                | "T" Shunt, Code 1213 DT, 2 per pack                                                           | 0.11         | 2   |
| PDR4           | 415-0020                | Reduction, Code 1280 RI, 8 per pack                                                           | 0.14         | 8   |
| PDF18          | 415-0021                | Floor Support, Code 0450 SP, 24 per pack, Color RAL 1013, 45 cm long (18")                    | 0.13         | 24  |
| PDF39          | 415-0022                | Floor Support, Code 1000 SP, 4 per pack, Color RAL 1013, 1 meter long (39")                   | 0.38         | 4   |
| PDFC           | 415-0023                | Cap for Floor Support, Code 0341 TS, Color RAL 1013, 24 per pack                              | 0.07         | 24  |
| PDAIC3         | 415-0024                | Adjustable Corner, 80°- 105°, 6 pcs per pack                                                  | 0.28         | 4   |
| PDAEC3         | 415-0025                | Adjustable External Corner, 70°- 120°, 6 pcs per pack                                         | 0.13         | 6   |
| PDAPC3         | 415-0026                | Adjustable Plane Curve, 65°- 130°, 6 pcs per pack                                             | 0.13         | 6   |

# Window Units

## Remote Controlled Models



### FEATURES

- Multiple Functions - Cooling, Dehumidifying & Fan Ventilation
- Installation Kit with Expandable Side Panels
- Retracting Louvers
- Slide Out Galvanized Steel Cabinet For Easy Installation (\*)



|                                    | *            |                 | *               |                 | *               |              |                 |
|------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|--------------|-----------------|
| Product Code                       | 421-0055     | 422-0058        | 422-0061        | 422-0065        | 422-0068        | 421-0071     | 422-0078        |
| Model Number                       | WA46YR       | WA48YRX         | WA410YRX        | WA412YRX        | WA418ZRX        | WA424ZR      | WA428ZRX        |
| BTU Cooling                        | 6000         | 8000            | 10000           | 12000           | 18500/18200     | 23500/24000  | 28500/28000     |
| BTU Heating                        | N/A          | N/A             | N/A             | N/A             | N/A             | N/A          | N/A             |
| EER                                | 9.7          | 9.8             | 9.8             | 9.8             | 9.7             | 8.5          | 8.5             |
| Dehumidification (pints/hour)      | /            | 1.6             | 2               | 2.2             | 3.3             | 7.82         | 5.4             |
| Airflow (CFM)                      | 188          | 218/177/147     | 300 /262/229    | 265 /243 /202   | 441/394/353     | 482          | 541/500/447     |
| Voltage                            | 115          | 115             | 115             | 115             | 230/208         | 208/230      | 230/208         |
| Frequency / Cycle                  | 60HZ         | 60HZ            | 60HZ            | 60HZ            | 60HZ            | 60HZ         | 60HZ            |
| Amps Cooling                       | 5.6          | 7.1             | 9.4             | 11              | 8.4/9.1         | 14.0/13.0    | 14.8/16.0       |
| Amps Heating                       | N/A          | N/A             | N/A             | N/A             | N/A             | N/A          | N/A             |
| Watts Cooling                      | 620          | 816             | 1020            | 1225            | 1907/1876       | 2770/2830    | 3353/3294       |
| Watts Heating                      | N/A          | N/A             | N/A             | N/A             | N/A             | N/A          | N/A             |
| Plug Type / Nema #                 | NEMA 5-15P   | NEMA 5-15P      | NEMA 5-15P      | NEMA 5-15P      | NEMA 6-15P      | NEMA 6-20P   | NEMA 6-30P      |
| Power Cord Rating/ amps            | 13A          | 13A             | 15A             | 15A             | 15A             | 20A          | 25A             |
| Power Cord Type                    | LCDI         | LCDI            | LCDI            | LCDI            | LCDI            | LCDI         | LCDI            |
| Power Cord Length                  | 72"          | 76 3/4          | 78 3/4          | 78 3/4          | 78 3/4          | 48"          | 78 3/4          |
| Refrigerant                        | R410A        | R410A           | R410A           | R410A           | R410A           | R410A        | R410A           |
| Refrigerant Charge/ Oz.            | 12.35        | 11.46           | 12.72           | 18.73           | 23.28           | 39.51        | 38.8            |
| Sound (Indoor/Outdoor) dba         | 58/62        | 61/57/53        | 59/57/55        | 60/57/52        | 60.5/55.8/53.2  | 60/65        | 63/59/56        |
| 4 Way Air Adjustment               | Yes          | Yes             | Yes             | Yes             | Yes             | Yes          | Yes             |
| 2 Way Air Swing                    | NO           | Yes             | Yes             | Yes             | Yes             | NO           | Yes             |
| Air Discharge                      | top front    | top front       | top front       | top front       | top front       | top front    | top front       |
| Motor Type                         | ball bearing | ball bearing/AC | ball bearing/AC | ball bearing/AC | ball bearing/AC | ball bearing | ball bearing/AC |
| Motor Capacitor / mfd              | 6 µF         | 15 µF           | 15 µF           | 15 µF           | 8 µF            | 8 µF         | 8 µF            |
| Controls                           | Remote       | Remote          | Remote          | Remote          | Remote          | Remote       | Remote          |
| Operating Range                    | 64-109 °F    | 64-109 °F       | 64-109 °F       | 64-109 °F       | 64-109 °F       | 64-109 °F    | 64-109 °F       |
| Cabinet Size/ inches               |              |                 |                 |                 |                 |              |                 |
| Width                              | 18 9/16"     | 19 1/8          | 19 11/16        | 19 11/16        | 23 5/8          | 26 17/32"    | 26 1/2          |
| Depth                              | 15 3/4"      | 15 3/4          | 19              | 20 15/16        | 25 1/2          | 26 5/16"     | 25 1/2          |
| Height                             | 12 3/4"      | 12 5/8          | 14 3/4          | 14 3/4          | 17 3/16         | 18 5/8"      | 18 5/8          |
| Window Opening Width (min/ max)    | 21"-38.1"    | 23-36           | 23-36           | 23-36           | 26 1/2-40 1/2   | 31"-43"      | 31-42           |
| Thru. Wall Max. Thickness (Inches) | 4 23/32"     | 4 31/32         | 6 15/16         | 7 5/16          | 10              | 7 1/4"       | 10              |
| Weight Gross/Net. (Lbs)            | 46/53        | 55 / 47         | 66/56           | 72.7/65         | 121.3/108       | 134/152      | 151/136.7       |
| Approvals                          | cULus        | cULus           | cULus           | cULus           | cULus           | cULus        | cULus           |

# Window Units

## Manual Controlled Models with Heat



### FEATURES

- Multiple Functions - Cooling, Dehumidifying & Fan Ventilation
- Installation Kit with Expandable Side Panels
- Retracting Louvers
- Slide Out Galvanized Steel Cabinet For Easy Installation (\*)



NEW

NEW



| Product Code                       | 421-0073     | 419-0073                           | 421-0074     | 419-0074                           | 422-0075        | 421-0075        | 421-0076     |
|------------------------------------|--------------|------------------------------------|--------------|------------------------------------|-----------------|-----------------|--------------|
| Model Number                       | WH48YM       | WH48YMB                            | WH412ZM      | WH412ZMB                           | WH418ZRX        | WH418ZM         | WH424ZM      |
| BTU Cooling                        | 8000         | 8000                               | 11600/12000  | 11450/11650                        | 18500/18200     | 17600/18000     | 23500/24000  |
| BTU Heating                        | 3800         | 3800                               | 8700/11000   | 8700/11000                         | 16000/13000     | 8700/11000      | 8700/11000   |
| EER                                | 9.8          | 9.8                                | 9.8          | 9.8                                | 9.7             | 9.7             | 8.5          |
| Dehumidification (pints/hour)      | 1.3          | 1.9                                | 2            | N/A                                | 3.3             | 11.4            | 7.8          |
| Airflow (CFM)                      | 271          | 271/259/247                        | 271          | 271/259/247                        | 459/406/347     | 506             | 471          |
| Voltage                            | 115          | 115                                | 208/230      | 208/230                            | 230/208         | 208/230         | 208/230      |
| Frequency / Cycle                  | 60HZ         | 60HZ                               | 60HZ         | 60HZ                               | 60HZ            | 60HZ            | 60HZ         |
| Amps Cooling                       | 7.8          | 7.8                                | 5.9/5.5      | 5.9/5.5                            | 8.4/9.1         | 8.9/8.4         | 14.0/13.0    |
| Amps Heating                       | 12           | 12                                 | 14.6/16.0    | 14.6/16.0                          | 22/20           | 15.6/16.0       | 15.6/16.0    |
| Watts Cooling                      | 820          | 820                                | 1180/1230    | 1170/1190                          | 1907/1870       | 1820/1860       | 2770/2830    |
| Watts Heating                      | 1380         | 1380                               | 2765/3575    | 2865/3575                          | 4977/4141       | 3030/3680       | 3030/3680    |
| Plug Type / NEMA #                 | NEMA 5-15P   | NEMA 5-15P                         | NEMA 6-20P   | NEMA 6-20P                         | NEMA 6-30P      | NEMA 6-20P      | NEMA 6-20P   |
| Power Cord Rating / amps           | 15A          | 15A                                | 20A          | 20A                                | 25A             | 20A             | 20A          |
| Power Cord Type                    | LCDI         | LCDI                               | LCDI         | LCDI                               | LCDI            | LCDI            | LCDI         |
| Power Cord Length                  | 72"          | 72"                                | 48"          | 48"                                | 78 3/4          | 48"             | 48"          |
| Refrigerant                        | R410A        | R410A                              | R410A        | R410A                              | R410A           | R410A           | R410A        |
| Refrigerant Charge / Oz.           | 13.93        | 13.93                              | 22.22        | 20.11                              | 23.28           | 29.98           | 39.51        |
| Sound (Indoor/Outdoor) dba         | 60/64        | 60/64                              | 60/64        | 60/65                              | 61/58/55        | 61/65           | 60/65        |
| 4 Way Air Adjustment               | Yes          | Yes                                | Yes          | Yes                                | Yes             | Yes             | Yes          |
| 2 Way Air Swing                    | NO           | No                                 | NO           | No                                 | Yes             | NO              | NO           |
| Air Discharge                      | top front    | top front                          | top front    | top front                          | top front       | top front       | top front    |
| Motor Type                         | ball bearing | ball bearing/AC                    | ball bearing | ball bearing/AC                    | ball bearing/AC | ball bearing    | ball bearing |
| Motor Capacitor / mfd              | 15 µF        | 15 µF                              | 4 µF         | 4 µF                               | 8 µF            | 8 µF            | 8 µF         |
| Controls                           | Mechanical   | Mechanical                         | Mechanical   | Mechanical                         | Remote          | Mechanical      | Mechanical   |
| Operating Range                    | <109 °F      | Cooling 1 to 10<br>Heating 10 to 1 | <109 °F      | Cooling 1 to 10<br>Heating 10 to 1 | 23-109 °F       | <109 °F         | <109 °F      |
| Cabinet Size / inches              |              |                                    |              |                                    |                 |                 |              |
| Width                              | 22 19/32"    | 22 19/32"                          | 22 19/32"    | 22 19/32"                          | 23 5/8          | 23 5/8"         | 26 17/32"    |
| Depth                              | 23 5/8"      | 23 5/8"                            | 23 5/8"      | 23 5/8"                            | 25 1/2          | 24"             | 26 5/16"     |
| Height                             | 15 5/16"     | 15 5/16"                           | 15 5/16"     | 15 5/16"                           | 17 3/16         | 17 11/16"       | 18 5/8"      |
| Window Opening Width (min/max)     | 27"-38"      | 27-39                              | 27"-38"      | 27-39                              | 26 1/2-40 1/2   | 26 1/2"-40 1/2" | 31"-43"      |
| Thru. Wall Max. Thickness (Inches) | 5 23/32"     | 5 23/32                            | 5 23/32"     | 5 23/32                            | 10              | 6 11/16"        | 7 1/4"       |
| Weight Gross/Net. (Lbs)            | 79/91        | 91.5                               | 90/103       | 102.5                              | 127/114         | 117/128         | 139/157      |
| Approvals                          | cULus        | cULus                              | cULus        | cULus                              | cULus           | cULus           | cULus        |

# Window Units

## Heat Pump with Remote



### FEATURES

- Multiple Functions - Cooling, Dehumidifying & Fan Ventilation
- Installation Kit with Expandable Side Panels
- Retracting Louvers
- Slide Out Galvanized Steel Cabinet For Easy Installation (\*)



\*

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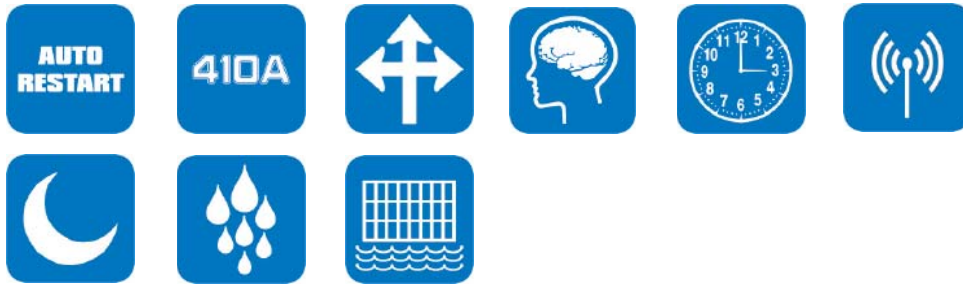


| Model Number                        | WHP412ZR      | WHP418ZR      |
|-------------------------------------|---------------|---------------|
| Product Code                        | 421-0079      | 421-0080      |
| Rated Voltage (VAC)                 | 208-230       | 208-230       |
| Cooling Capacity                    | 11200 / 11600 | 17000 / 17300 |
| Heating Capacity                    | 10000 / 10300 | 15700 / 16000 |
| Electric Heat Capacity              | 8500 / 10700  | 9000 / 11000  |
| EER Rating                          | 9.5           | 9             |
| COP Rating                          | 8.9           | 8.9           |
| Dehumidification (pints/hr)         | 4.54          | 7.45          |
| Air Flow Max (CFM)                  | 282           | 570           |
| Operating Voltage Range (VAC)       | 198 to 253    | 198 to 253    |
| Frequency/Cycle                     | 60            | 60            |
| Cooling Amps                        | 5.9 / 5.5     | 9.0 / 8.5     |
| Cooling Watts                       | 1180 / 1220   | 1880 / 1920   |
| Heating Amps                        | 5.6 / 5.1     | 8.8 / 8.3     |
| Heating Watts                       | 1130/1160     | 1770 / 1800   |
| Electric Heat Amps                  | 14.6/16       | 15.6/16       |
| Electric Heat Watts                 | 2765 / 3575   | 3030 / 3680   |
| Plug Type - LCDI                    | NEMA 6-20P    | NEMA 6-20P    |
| Power Cord Rating (amps)            | 18A           | 20A           |
| Power Cord Length (Inches)          | 59"           | 59"           |
| Minimum Circuit Breaker Size (amps) | 20A           | 20A           |
| Minimum Circuit Capacity (amps)     | 20A           | 20A           |
| Refrigerant Charge - R410a (oz.)    | 28.22         | 35.27         |
| Max dbA Level (Indoor/Outdoor)      | 62 / 66       | 62 / 66       |
| 4 Way Air Adjustment                | Yes           | N/A           |
| 2 Way Air Swing                     | N/A           | Yes           |
| Air Discharge                       | top front     | side          |
| Motor Type                          | ball bearing  | ball bearing  |
| Fan Motor Capacitor (MFD)           | 4 µF          | 7 µF          |
| Controls                            | Remote        | Remote        |
| Ambient Operating Temperature       | <109 °F       | <109 °F       |
| Unit Size (Inches)                  |               |               |
| Width                               | 22 19/32"     | 26"           |
| Depth                               | 23 5/8"       | 27 3/4"       |
| Height                              | 15 5/16"      | 16 27/32"     |
| Window Width Opening (Inches)       | 27" to 39"    | 30" to 38.1"  |
| Thru. Wall Max. Thickness (Inches)  | 5 1/2         | 9             |
| Weight Gross/Net. (Lbs)             | 95.9 / 114.6  | 160.9 / 143.3 |
| Certification                       | cULus         | cULus         |

# Through The Wall Units



Sea Breeze Through the Wall units are designed with a universal fit for easy replacement and fits most major brand sleeves.



| Model Number                                                  | STW48AYX                       | STW410AYX                      | STW412AYX                      | STW412AZ          | STW412HZ          |
|---------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------|-------------------|
| Product Code                                                  | 423-0040                       | 423-0041                       | 423-0042                       | 423-0013          | 423-0014          |
| Power Source Rated Voltage (VAC)                              | 115                            | 115                            | 115                            | 208/230           | 208/230           |
| Rated Frequency (HZ)                                          | 60                             | 60                             | 60                             | 60                | 60                |
| Phase                                                         | 1                              | 1                              | 1                              | 1                 | 1                 |
| Cooling Capacity (BTU/H)                                      | 8000                           | 10000                          | 12000                          | 11400/11800       | 11400/11800       |
| Heating Capacity (BTU/H) (HP)                                 | N/A                            | N/A                            | N/A                            | N/A               | 9000/11000        |
| Set Point Min./Max. (Cool and Heat)                           | 62°F / 86°F                    | 62°F / 86°F                    | 62°F / 86°F                    | 61°F / 86°F       | 61°F / 86°F       |
| Cooling Power Input (W)                                       | 850                            | 1064                           | 1270                           | 1200/1160         | 1200/1160         |
| Heating Power Input (W) (HP)                                  | N/A                            | N/A                            | N/A                            | N/A               | 2900/3500         |
| Electric Heater (W)                                           | N/A                            | N/A                            | N/A                            | N/A               | 3500              |
| Cooling Power Current (A)                                     | 8                              | 9.6                            | 11.5                           | 5.6/6.0           | 5.6/6.0           |
| Heating Power Current (A)                                     | N/A                            | N/A                            | N/A                            | N/A               | N/A               |
| Rated Input (W) (Cool / Heat)                                 | N/A                            | N/A                            | N/A                            | 1500              | C (1500) H (3500) |
| Rated Current (A) (Cool / Heat)                               | N/A                            | N/A                            | N/A                            | 8.1               | C (8.1) H (15)    |
| Air Flow Volume (CFM) (H/M/L)                                 | 449/389/339                    | 450/387/334                    | 464/424/379                    | 283/259/235       | 283/259/235       |
| Dehumidifying Volume (PINTS/DAY)                              | N/A                            | N/A                            | N/A                            | 81                | 81                |
| EER (BTU/WH)                                                  | 9.4                            | 9.4                            | 9.4                            | 9.8               | 9.8               |
| COP                                                           | N/A                            | N/A                            | N/A                            | N/A               | 3                 |
| Application Area (FT2)                                        | 129 to 193                     | 129 to 193                     | 129 to 193                     | 172 TO 258        | 172 to 258        |
| Climate Type                                                  | T1                             | T1                             | T1                             | T1                | T1                |
| Isolation                                                     | I                              | I                              | I                              | I                 | I                 |
| Moisture Protection                                           | IP24                           | IP24                           | IP24                           | IP24              | IP24              |
| Permissible Excessive Operating Pressure for the Liquid Side  | 520                            | 520                            | 520                            | 551 PSIG          | 551 PSIG          |
| Permissible Excessive Operating pressure for the Suction Side | 300                            | 300                            | 300                            | 174 PSIG          | 174 PSIG          |
| Dimension (INCHES) (WXHxD)                                    | 24 3/16" x 14 1/2" x 20 1/4"   | 24 3/16" x 14 1/2" x 20 1/4"   | 24 3/16" x 14 1/2" x 20 1/4"   | 25"X15.3"X21.7"   | 25"X15.3"X21.7"   |
| Dimension of Carton Box (L/W/H)                               | 27 11/16" x 26 5/16" x 15 3/4" | 27 11/16" x 26 5/16" x 15 3/4" | 27 11/16" x 26 5/16" x 15 3/4" | 28.6"X24.3"X17.1" | 28.6"X24.3"X17.1" |
| Dimension of Package (L/W/H)                                  | 27 15/16"x26 9/16"x16"         | 27 15/16"x26 9/16"x16"         | 27 15/16"x26 9/16"x16"         | 28.7"X24.4"X17.7" | 28.7"X24.4"X17.7" |
| Net Weight (LBS) Net Weight                                   | 58.3                           | 60.5                           | 68                             | 94.8              | 97                |
| Gross Weight (LBS) Gross Weight                               | 68.2                           | 68.2                           | 77.9                           | 101.4             | 103.6             |
| Refrigerant                                                   | R410A                          | R410A                          | R410A                          | R410A             | R410A             |
| Refrigerant Charge (LBS)                                      | 0.79                           | 0.93                           | 1.24                           | 1.39              | 1.39              |

| INDOOR SIDE                        | STW48AYX                 | STW410AYX                | STW412AYX               | STW412AZ                 | STW412HZ                 |
|------------------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| Product Code                       | 423-0040                 | 423-0041                 | 423-0042                | 423-0013                 | 423-0014                 |
| Fan Type                           | Centrifugal              | Centrifugal              | Centrifugal             | Centrifugal              | Centrifugal              |
| Diameter Length (DXL)              | *                        | *                        | *                       | 8" X 3.9"                | 8" X 3.9"                |
| Fan Motor Speed (H/M/L)            | *                        | *                        | *                       | 1070/1000/920            | 1070/1000/920            |
| Output of Fan Motor (W)            | *                        | *                        | *                       | 30                       | 30                       |
| Fan Motor RLA (A)                  | *                        | *                        | *                       | 0.66                     | 0.33                     |
| Fan Motor Capacitor (µF)           | *                        | *                        | *                       | 4                        | 1.5                      |
| Evaporator Form                    | Aluminum Fin             | Aluminum Fin             | Aluminum Fin            | Aluminum Fin             | Aluminum Fin             |
| Pipe Diameter                      | *                        | *                        | *                       | Ø 0.276"                 | Ø 0.276"                 |
| Row-fin Gap                        | *                        | *                        | *                       | 3-0.055"                 | 3-0.055"                 |
| Coil Length (LXDXW)                | *                        | *                        | *                       | 17.16"X1.5"X9"           | 17.16"X1.5"X9"           |
| Swing Motor Model                  | *                        | *                        | *                       | ~                        | ~                        |
| Output of Swing Motor              | *                        | *                        | *                       | ~                        | ~                        |
| use (A)                            | *                        | *                        | *                       | 3.15                     | 3.15                     |
| Sound Pressure Level               | 57/53/49                 | 57/53/51                 | 60/58/56                | 58/56/54                 | 58/56/54                 |
| dB (A) (H/M/L)                     | *                        | *                        | *                       |                          |                          |
| Sound Power Level                  | *                        | *                        | *                       | 68/66/64                 | 68/66/64                 |
| dB (A) (H/M/L)                     | *                        | *                        | *                       |                          |                          |
| OUTDOOR SIDE                       |                          |                          |                         |                          |                          |
| Compressor Manufacturer/           | *                        | *                        | *                       | Rechi                    | Rechi                    |
| Compressor Model                   | *                        | *                        | *                       | 44A282A                  | 44A282A                  |
| Compressor Oil                     | *                        | *                        | *                       | RB 68EP                  | RB 68EP                  |
| Compressor Type                    | Rotary                   | Rotary                   | Rotary                  | Rotary                   | Rotary                   |
| L.R.A. (A)                         | *                        | *                        | *                       | 29.5                     | 29.5                     |
| Compressor RLA (A)                 | *                        | *                        | *                       | 5                        | 5                        |
| Compressor Pwr Input (W)           | *                        | *                        | *                       | 1125                     | 1125                     |
| Overload Protector                 | Thermal                  | Thermal                  | Thermal                 | B245-140K-141H           | B245-140K-141H           |
| Throttling Method                  | Capillary                | Capillary                | Capillary               | Capillary                | Capillary                |
| Operation Temp                     | *                        | *                        | *                       | 64°F~86°F (18°C-30°C)    | 64°F~86°F (18°C-30°C)    |
| Ambient Temp (Cooling)             | *                        | *                        | *                       | 64°F~109°F(18°C-43°C)    | 64°F~109°F(18°C-43°C)    |
| Ambient Temp (Heating)             | *                        | *                        | *                       | ~                        | ≤75.2°F (24°C)           |
| Condenser Form                     | Aluminum Fin Copper Tube | Aluminum Fin Copper Tube | AluminumFinCopperTube   | Aluminum Fin Copper Tube | Aluminum Fin Copper Tube |
| Pipe Diameter                      | *                        | *                        | *                       | Ø197"+ Ø0.276"           | Ø197"+ Ø0.276"           |
| Rows-Fin Gap                       | *                        | *                        | *                       | 3 - 0.059" /             | 2 - 0.051"               |
|                                    | *                        | *                        | *                       | 2 - 0.059"               | / 2 - 0.059"             |
| Coil Length                        | *                        | *                        | *                       | 17.8" X 1.34" X 12.76"   | 17.8" X 0.91" X 12.76"   |
| (LXDXW)                            | *                        | *                        | *                       | 17.8" X 0.98" X 2.99"    | 17.8" X 0.98" X 2.99"    |
| Fan Motor Speed (RPM)              | *                        | *                        | *                       | 1600                     | 1600                     |
| Output of Fan Motor (W)            | *                        | *                        | *                       | 65                       | 65                       |
| Fan Motor RLA (A)                  | *                        | *                        | *                       | 0.6                      | 0.6                      |
| Fan Motor                          | *                        | *                        | *                       | 2.5                      | 2.5                      |
| Fan Type                           | Axial-flow               | Axial-flow               | Axial-flow              | Axial-flow               | Axial-flow               |
| Fan Diameter                       | *                        | *                        | *                       | 13.7"                    | 13.7"                    |
| Sound Pressure Level               | 66/60/56                 | 63/59/56                 | 71/69/67                | 66/64/62                 | 66/64/62                 |
| dB (A) (H/M/L)                     | *                        | *                        | *                       |                          |                          |
| Sound Power Level                  | *                        | *                        | *                       | 76/74/72                 | 76/74/72                 |
| B (A) (H/M/L)                      | *                        | *                        | *                       |                          |                          |
| Defrosting Method                  | ~                        | ~                        | ~                       | ~                        | Auto Defrost             |
| Breaker Size                       | 15 AMPS                  | 15 AMPS                  | 15 AMPS                 | 15 AMPS                  | 20 AMPS                  |
| Wall Sleeve 26" (optional)         | 423-0050                 | 423-0050                 | 423-0050                | 423-0020                 | 423-0020                 |
| Wall Sleeve Dimensions (WxDxH) in. |                          |                          | 26" x 16 3/4" x 15 3/4" | 26" x 16 3/4" x 15 3/4"  | 26" x 16 3/4" x 15 3/4"  |

\* For updated specifications please check our website.

# PTAC

## Package Terminal Air Conditioning Units



Sea Breeze PTAC units are an excellent option for the hospitality industry. They have a universal size to fit other PTAC sleeves for easy replacement and can change to 2KW, 3KW, or 5KW electric heater with a quick connect plug.

### Heater Options

2KWPC - 2KW, 20 Amp, LCDI plug (425-0021) NEMA 6-20P  
used to convert to 2KW  
3KWPC - 3KW, 20 Amp, LCDI plug (425-0022) NEMA 6-20P  
included with ALL Units  
5KWPC - 5KW, 30 Amp, LCDI plug (425-0023) NEMA 6-30P  
used to convert to 5K  
Not for use with 425-0009 and 425-0010



| Product Code                                                         | 425-0009                    | 425-0010                    | 425-0011                    | 425-0012                    | 425-0013                    | 425-0014                    |
|----------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Model Number                                                         | PTAC49CH3ZX                 | PTAC49HP3ZX                 | PTAC412CH3ZX                | PTAC412HP3ZX                | PTAC415CH3ZX                | PTAC415HP3ZX                |
| Voltage Rating (V/Ph/Hz)                                             | 208-230/1/60                | 208-230/1/60                | 208-230/1/60                | 208-230/1/60                | 208-230/1/60                | 208-230/1/60                |
| Cooling Capacity (Btu/Hr)                                            | 9,000                       | 9,000                       | 12,000                      | 12,000                      | 15,000                      | 15,000                      |
| Heating Capacity (Btu/Hr)                                            | N/A                         | 8,100                       | N/A                         | 10,700                      | N/A                         | 13,800                      |
| Electric Heating (Watts)                                             | 3,000                       | 3,000                       | 3,000                       | 3,000                       | 3,000                       | 3,000                       |
| Dehumidification (Pts/Hr)                                            | 1.71                        | 1.82                        | 3.49                        | 3.49                        | 4.65                        | 4.65                        |
| EER (Btu/W)                                                          | 11.3                        | 11.3                        | 10.7                        | 10.7                        | 9.8                         | 9.8                         |
| COP (Btu/W)                                                          | N/A                         | 3.3                         | N/A                         | 3.1                         | N/A                         | 2.9                         |
| Compressor Type                                                      | MITSUBISHI                  | SAMSUNG                     | SAMSUNG                     | SAMSUNG                     | PANASONIC                   | PANASONIC                   |
| Air Flow (H/M/L) CFM                                                 | 312/294/277                 | 312/294/277                 | 341/324/306                 | 341/324/306                 | 341/324/306                 | 341/324/306                 |
| Power Input (Watts)<br>(cool/heat mode)                              | 800 / N/A                   | 800 / 720                   | 1120 / N/A                  | 1120 / 1010                 | 1530 / N/A                  | 1530 / 1390                 |
| Rated Current (Amps) (com-<br>pressor and fan in cool/heat<br>mode). | 5 / N/A                     | 5.6 / 4.9                   | 8.1 / N/A                   | 8.1 / 6.9                   | 10.5 / N/A                  | 10.5 / 11                   |
| Full Load Current (Amps)                                             | 208VAC - 14.7A              | 208VAC - 14.7A              | 208VAC - 14.7A              | 208VAC - 14.7A              | 208VAC - 14.7A              | 208VAC - 14.7A              |
| [3KW electric heat and fan.]                                         | 230VAC - 13.7A              | 230VAC - 13.7A              | 230VAC - 13.7A              | 230VAC - 13.7A              | 230VAC - 13.7A              | 230VAC - 13.7A              |
| Breaker Min. Size (Amps)                                             | 20A (3KW)                   | 20A (3KW)                   | 20A (3KW)                   | 20A (3KW)                   | 20A (3KW)                   | 20A (3KW)                   |
| Plug Type (LCDI)                                                     | NEMA 6-20P                  | NEMA 6-20P                  | NEMA 6-20P                  | NEMA 6-20P                  | NEMA 6-20P                  | NEMA 6-20P                  |
| Noise Level Max. (dBA)<br>Indoor/Outdoor                             | 51/62                       | 51/62                       | 53/65                       | 53/65                       | 53/65                       | 53/65                       |
| Coil Type                                                            | Aluminum Fin<br>Copper Tube | Aluminum Fin<br>Copper Tube | Aluminum Fin<br>Copper Tube | Aluminum Fin<br>Copper Tube | Aluminum Fin<br>Copper Tube | Aluminum Fin<br>Copper Tube |
| Unit Dimensions<br>(W x H x D) Inches                                | 42.1 X 16 X 21.5            | 42.1 X 16 X 21.5            | 42.1 X 16 X 21.5            | 42.1 X 16 X 21.5            | 42.1 X 16 X 21.5            | 42.1 X 16 X 21.5            |
| Pkg Dimensions<br>(W x H x D) Inches                                 | 44.9 X 25.3 X 18.1          | 44.9 X 25.3 X 18.1          | 45.28 X 23.82 X 18.9        | 45.28 X 23.82 X 18.9        | 45.28 X 23.82 X 18.9        | 45.28 X 23.82 X 18.9        |
| Weight (Net/Shipping) Lbs                                            | 111/131                     | 114/133                     | 116/136                     | 118/138                     | 119/139                     | 121/141                     |
| Refrigerant Type/Charge                                              | R410A / 2.09 lbs            | R410A / 2.09 lbs            | R410A / 2.2 lbs             | R410A / 2.2 lbs             | R410A / 2.38 lbs            | R410A / 2.38 lbs            |
| Certifications                                                       | UL & CSA                    | UL & CSA                    | UL & CSA                    | UL & CSA                    | UL & CSA                    | UL & CSA                    |
| Warranty(Compressor/Parts)                                           | 5 YEARS / 1 YEAR            | 5 YEARS / 1 YEAR            | 5 YEARS / 1 YEAR            | 5 YEARS / 1 YEAR            | 5 YEARS / 1 YEAR            | 5 YEARS / 1 YEAR            |

### NEW

## Coming Soon - 265/277 Volt Heat Pump PTACs

| Product Code   | 425-0031    | 425-0033     | 425-0035     |
|----------------|-------------|--------------|--------------|
| Model Number   | PTAC49HP3VX | PTAC412HP3VX | PTAC415HP3VX |
| Voltage Rating | 265/277     | 265/277      | 265/277      |

## Parts Sold Separately

| PART NUMBER | DESCRIPTION                            |
|-------------|----------------------------------------|
| 425-0019    | Wall Sleeve (W/D/H)(42"x 13 3/4"x 16") |
| 425-0021    | 2KWPC Power Cord for 208V PTAC         |
| 425-0022    | 3KWPC Power Cord for 208V PTAC         |
| 425-0023    | 5KWPC Power Cord for 208V PTAC         |
| 425-0036    | 2KWPC265 Power Cord for 265V PTAC      |
| 425-0037    | 3KWPC265 Power Cord for 265V PTAC      |
| 425-0038    | 5KWPC265 Power Cord for 265V PTAC      |
| 425-0024    | Outdoor Louvered Grill                 |
| 425-0025    | Clear Anodized Grill                   |
| 425-0027    | Outdoor Soft Dove Powder Coated        |
| 425-0028    | PTAC Drain Kit                         |
| 425-0029    | PTAC Leveling Legs                     |



425-0023  
Power Cord



425-0024  
Outdoor Louvered Grill



425-0025  
Clear Anodized Grill



425-0028  
PTAC Drain Kit



425-0029  
PTAC Leveling Legs

## Thermostat Options

| PART NUMBER | DESCRIPTION                      |
|-------------|----------------------------------|
| 435-0014    | Wireless Thermostat and Receiver |
| 435-0005    | TSN11X Room Thermostat           |
| 435-0006    | TSP12X Room Thermostat           |
| 435-0007    | THN13X Room Thermostat           |
| 435-0008    | THP14X Room Thermostat           |
| 435-0009    | STS11 Touch Screen Thermostat    |
| 435-0010    | STS32 Touch Screen Thermostat    |
| 435-0012    | Outdoor Sensor For Thermostats   |
| 435-0013    | Indoor Sensor For Thermostats    |



435-0014  
Wireless Thermostat  
& Receiver



435-0005  
TSN11X Room Thermostat



435-0009  
STS11 Touch Screen Thermostat

# Portable Air Conditioning Units

The Sea Breeze Portable Air Conditioning unit is a quick and easy solution for cooling a hard to reach spot without a permanent installation.



|                         |                       | NEW - will replaced PAS412     |                       | NEW - will replaced PAS412HP   |
|-------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|
| Product Code            | 250-0015              | 250-0019                       | 250-0016              | 250-0020                       |
| Model Number            | PAS412                | PAS412B                        | PAS412HP              | PAS412HPB                      |
| Description             | Single Pipe           | Single Pipe                    | Single Pipe           | Single Pipe                    |
| Cooling Capacity        | 12000 BTU/h           | 12000 BTU/h                    | 12000 BTU/h           | 12000 BTU/h                    |
| Heating Capacity        | N/A                   | N/A                            | 10000 BTU/h           | 10500 BTU/h                    |
| Rated Voltage           | 115 VAC               | 115 VAC                        | 115 VAC               | 115 VAC                        |
| Rated Frequency         | 60 HZ                 | 60 HZ                          | 60 HZ                 | 60 HZ                          |
| Rated Cooling Current   | 12.5 A                | 11.5 A                         | 12.5 A                | 14.33 A                        |
| Rated Cooling Power     | 1420 W                | 1465 W                         | 1420 W                | 1465 W                         |
| Heating Rated Current   | N/A                   | N/A                            | 9.5 A                 | 10.65 A                        |
| Rated Heating Power     | N/A                   | N/A                            | 1090W                 | 1200 W                         |
| EER                     | 8.2                   | 8.19                           | 8.2                   | 8.19                           |
| Cycling Airflow (H/M/L) | 235/206/176           | 212/182/165                    | 235/206/176           | 212/182/165                    |
| Refrigerant             | R410A/23oz/1.43 Lbs   | R410A/22.2oz/1.39 Lbs          | R410A/23oz/1.43 Lbs   | R410A/22.2oz/1.39 Lbs          |
| Noise (class)           | 65 db(A)              | 53 db(A)                       | 65 db(A)              | 53 db(A)                       |
| Weight (net wt)         | 68.2 LBS              | 80.5 LBS                       | 70.5 LBS              | 81.6 LBS                       |
| Weight (gross wt)       | 92.4 LBS              | 91.5 LBS                       | 94.8 LBS              | 92.6 LBS                       |
| Unit Dimensions (W/H/D) | 17.72" x 33" x 14.57" | 17 11/16" x 33 1/16" x 15 3/4" | 17.72" x 33" x 14.57" | 17 11/16" x 33 1/16" x 15 3/4" |
| Dehumidifying Volume    | 10.14 gallon/day      | 10.14 gallon/day               | 10.14 gallon/day      | 10.14 gallon/day               |
| Breaker Size            | 20 A                  | 20 A                           | 20 A                  | 20 A                           |
| LCDI Plug               | 15 A                  | NEMA5-15P                      | 15 A                  | NEMA5-15P                      |
| Power Cord Length       | 5' 6"                 | 5' 6"                          | 5' 6"                 | 5' 6"                          |
| Vent Hose Max Length    | 81"                   | 81"                            | 81"                   | 81"                            |
| Vent Hose Diameter      | 5 1/4"                | 5 1/4"                         | 5 1/4"                | 5 1/4"                         |
| Clock & 24 hr Timer     | Yes                   | Yes                            | Yes                   | Yes                            |
| Filter                  | Washable              | Washable                       | Washable              | Washable                       |

## FEATURES

- 10+ Gallons Dehumidification Capacity a day
- Includes Flexible Vent Hose and Window Adapter
- Digital Display
- 24 Hour ON/OFF
- Caster Wheels
- Auto Defrost HP Only
- Full Tank Alarm
- Tank or Continuous Drain



## Dehumidifier Specifications



## NEW

|                         |                 |                       |
|-------------------------|-----------------|-----------------------|
| Product Code            | 270-0015        | 270-0017              |
| Model Number            | DH450S          | DH470SB               |
| Rated Voltage           | 115 VAC         | 115 VAC               |
| Rated Frequency         | 60 HZ           | 60 HZ                 |
| Rated Current           | 5.2A            | 7.3A                  |
| Rated Input             | 540 W           | 765 W                 |
| Refrigerant             | R410A/ 0.53 Lbs | R410A/ 0.47 Lbs       |
| Weight (net wt)         | 41.8 LBS        | 45.2 LBS              |
| Weight (gross wt)       | 46.2 LBS        | 48.5 LBS              |
| Unit Dimensions (W/H/D) | 15.3"x23.6"x11" | 15.1" x 24.1" x 11.5" |
| Dehumidifying Volume    | 50 pints/Day    | 70 pints/Day          |
| HP.PSIG                 | 600 PSI         | 530 PSI               |
| LP.PSIG                 | 320 PSI         | 320 PSI               |
| Filter                  | Washable        | Washable              |
| Tank Size               | 2.29 gal        | 1.85 gal              |

## FEATURES

- Auto Shut Off
- Drain Hose Connection
- Adjustable Air Guide
- Low Power Consumption
- Digital Display
- Caster Wheels
- Filter Alert
- Timer-Auto Stop
- Full Tank Alarm





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