



# 2013 Equipment Catalog

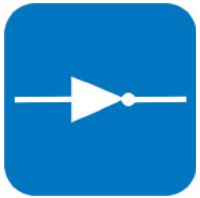
**Mini Splits, Multi Zones, PTAC's, Window Air Conditioners,  
Portable Air Conditioners, TTW Air Conditioners, Dehumidifiers &  
Accessories**

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# 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 specifications 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
<b>INDOOR DATA</b>	<b>242-1201-E</b>	<b>242-1202-E</b>	<b>240-1382-E</b>
<b>INDOOR UNIT PART #</b>	<b>9A43YIMA</b>	<b>12A43YIMA</b>	<b>12A23ZIGX</b>
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
<b>OUTDOOR DATA</b>	<b>242-1201-C</b>	<b>242-1202-C</b>	<b>240-1382-C</b>
<b>OUTDOOR UNIT PART#</b>	<b>9A43YOMA</b>	<b>12A43YOMA</b>	<b>12A23ZOGX</b>
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
<b>CONNECTION PIPE</b>			
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
<b>INDOOR DATA</b>	<b>240-4003-E</b>	<b>242-1204-E</b>	<b>242-1205-E</b>
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
<b>OUTDOOR DATA</b>	<b>240-4003-C</b>	<b>242-1204-C</b>	<b>242-1205-C</b>
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
<b>CONNECTION PIPE</b>			
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>	240-1392	242-1304	242-1305
<b>Model Number</b>	12H43ZGX	18H43ZMA	24H43ZMA
<b>Function</b>	Cooling/Heating	Cooling/Heating	Cooling/Heating
<b>Rated Voltage</b>	208/230	208-230	208-230
<b>Cooling/Heating Capacity (BTU)</b>	12,000/13,000	18000	23,000
<b>Seer</b>	13	13	13
<b>EER</b>	NOT AVAILABLE	11.3	11
<b>C.O.P. (Cooling/Heating)</b>	NOT AVAILABLE	12.1	12
<b>HSPF</b>	NOT AVAILABLE	8	8
<b>Cooling/heating Power input (W)</b>	1550/1250	1090	2000
<b>Cooling/Heating Rated Current (A)</b>	7.2/7.6	7.8/7.0	9.3/8.8
<b>Air Flow Volume (CFM)</b>	325	618 / 589 / 547	795 / 689 / 624
<b>Dehumidifying Volume (pt/H0)</b>	2.7	3.8	5.49
<b>Auto Restart</b>	YES	YES	YES
<b>Breaker Size</b>	15	15	20
<b>Circuit Ampacity</b>	5.5	12.7	16.5
<b>Low Ambient Control Board</b>	No	Yes	Yes
<b>INDOOR DATA</b>	240-1392-E	242-1304-E	242-1305-E
<b>Indoor Unit Part #</b>	12H43ZIGX	18H43ZIMA	24H43ZIMA
<b>Fan Motor Speed (r/min)(L/M/H)</b>	1050/1100/1250	1285/1235/1145	990/1100/1260
<b>Fan Motor (W)</b>	20	25	86/69/58
<b>Fan Motor RLA(A)</b>	0.152	N/A	N/A
<b>Fan Type</b>	Cross Flow	Cross Flow	Cross Flow
<b>Evaporator</b>	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
<b>Sound Power Level dB(A)L/M/H)</b>	48/49/53	43/47/49	46/49/52
<b>Dimensions (W/D/H) (inches)</b>	33 / 7 / 10.6	42.52/8.98/12.99	49.21/9.06/12.80
<b>Air Detection</b>	Automatic	Automatic	Automatic
<b>Timer (24 hr Programmable)</b>	On/Off	On/Off	On/Off
<b>Net / Gross Weight (lbs.)</b>	24 / 33	33.07/46.30	39.68/55.12
<b>Filter</b>	Washable	Washable	Washable
<b>OUTDOOR DATA</b>	240-1392-C	242-1304-C	242-1305-C
<b>Outdoor Unit Part #</b>	12H43ZOGX	18H43ZOMA	24H43ZOMA
<b>Compressor Type</b>	Rotary/Inverter	Rotary	Rotary
<b>L.R.A. (A)</b>	33	32.6	34.8
<b>Compressor RLA (A)</b>	4	6.65/7.30	8.75/9.70
<b>Compressor Power Input (W)</b>	628	1505/1510	1980/2000
<b>Throttling Method</b>	Capillary	Capillary	Capillary
<b>Outdoor Operating Range (F)</b>	23 to 109	5 to 109/ 19.4 to 75.2	5 to 109/ 19.4 to 75.2
<b>Condenser</b>	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
<b>Fan Motor Speed (rpm)</b>	830	840	760
<b>Fan Motor (W)</b>	30	182	140
<b>Fan Motor RLA (A)</b>	0.3	N/A	N/A
<b>Air Flow Volume</b>	1100 cfm	1471	2060
<b>Fan Type</b>	Axial	Axial	Axial
<b>Defrosting Method</b>	Auto	Automatic	Automatic
<b>Sound Pressure level dB (A)</b>	54	60	57
<b>Dimensions (W/D/H) (inches)</b>	33 / 13 / 21	33.27/13.19/27.36	35.24/12.99/33.86
<b>Net / Gross Weight (lbs.)</b>	99 / 110	116.84/125.66	151.02/160.94
<b>Refrigerant Charge (lbs.)</b>	R410A / 2.8	R410A / 4.50	R410A / 5.4
<b>CONNECTION PIPE</b>			
<b>Design Length Ft.</b>	19	16.4	16.4
<b>Design Pressure High/Low (PSIG) Extra Refrigerant Charge Per Feet</b>	551 / 174	550/340	550/340
<b>Above Design Length (oz/ft)</b>	0.21	0.32	0.699
<b>Outer Diameter Liquid Pipe (in)</b>	1/4	1/4	3/8
<b>Outer Diameter Gas Pipe (in)</b>	1/2	1/2	5/8
<b>Max Distance Height (ft)</b>	20	32.8	32.8
<b>Max Distance Length (ft)</b>	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!

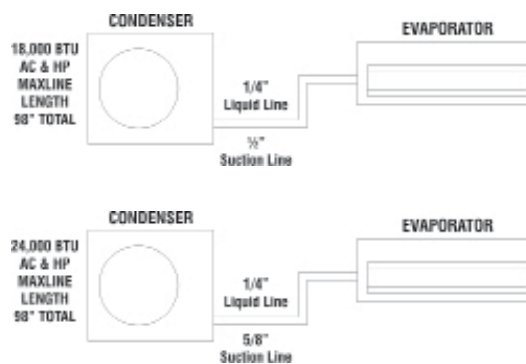
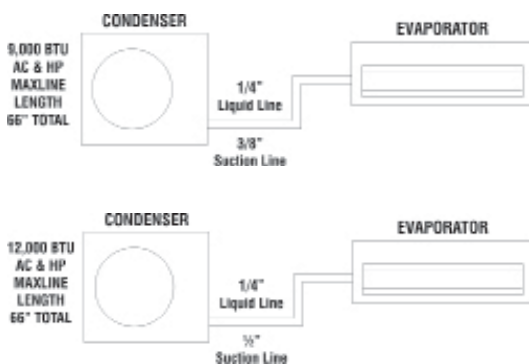


# Single Zone High Efficiency Series Mini-Split Cooling Only



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
Cooling Power Input (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
Swing Motor Model/Output(w) for horizontal 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



**9 A 4 23 Y I G X**  
 ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑  
 B C 4 S 1 I C S  
 T O 1 E 1 N O R E  
 U O 0 E 5 D N O  
 L I G R V O L I S  
 I G R V O L I S  
 O N L Y

# 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) x width(L)(in)	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
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 (W x D x H) (approx in)	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
Dimension of Package (W x D x H)	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
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 feet above design length (oz/ft)	0.16	0.16	0.22	0.32
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 Heating: 5°F to 75°F	Cooling: 14°F to 118°F Heating: 5°F to 75°F	Cooling: 14°F to 118°F 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 Heating: 5°F to 75°F	Cooling: 14°F to 118°F Heating: 5°F to 75°F	Cooling: 14°F to 118°F 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) 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 Heating: 5°F to 75°F	Cooling: 5°F to 109.4°F Heating: 19.4°F to 75.2°F	Cooling: 5°F to 109.4°F 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
<b>INDOOR DATA</b>			
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	Starts at low speed with inverter control	Starts at low speed with inverter control
Outdoor Operating Range	Cooling: 14°F to 118°F Heating: 5°F to 75°F	Cooling: 5°F to 109.4°F Heating: 19.4°F to 75.2°F	Cooling: 5°F to 109.4°F 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
Extra Refrigerant Charge Per feet above design length (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
	Dehumidifying Volume (pt/hr)	1.7	2.5	5.3
Fan Motor	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"
Suction Line		3/8"	1/2"	
Design Data	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
	Remote	Yes	Yes	Yes
Auto-restart		Yes	Yes	
Dimensions & Weight	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

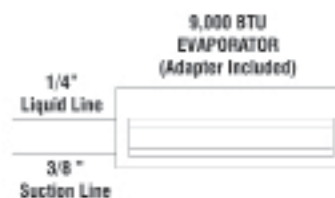
### FOUR INDOOR UNIT OPTIONS

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

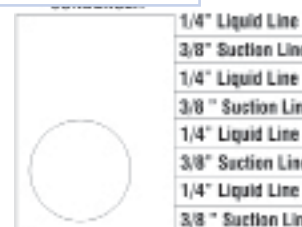
9 M H 4 6 Z I G X  
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B M H 4 1 2 I C S  
T U E 1 6 3 N O R E  
U L A 0 0 0 D N R I  
T T A S E V O T R I  
I I A S E V O R O S  
R E R O R L S

## 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 Dx 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 Dx 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) CTK141225 1/4"x1/2"x25'	(239-0002) CTK141250 1/4"x1/2"x50'	(239-0003) CTK385825 3/8"x5/8"x25'	(239-0004) CTK385850 3/8"x5/8"x50'	(239-0005) CTK143825 1/4"x3/8"x25'	(239-0006) CTK143850 1/4"x3/8"x50'	(239-0007) CTK145825 1/4"x5/8"x25'	(239-0008) CTK145850 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* (indoor unit)	9MH46ZIGX					x	x		
241-1012-E* (indoor unit)	12MH46ZIGX	x	x						
241-1018-E* (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



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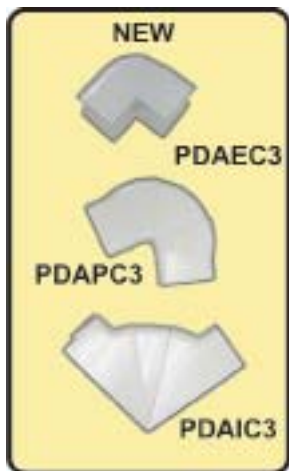
# Mounting Brackets For Mini-Split

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

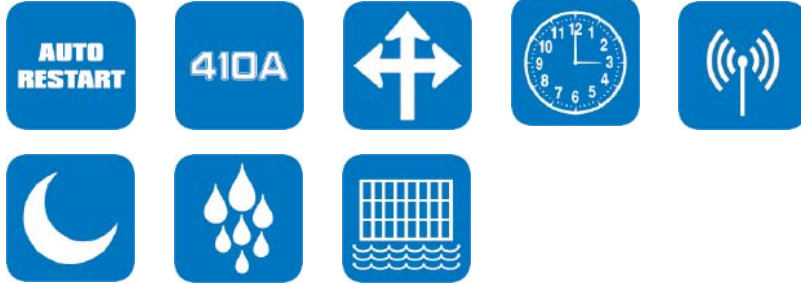
# Window Units

## 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



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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 Heating 10 to 1	<109 °F	Cooling 1 to 10 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 (\*)



\*

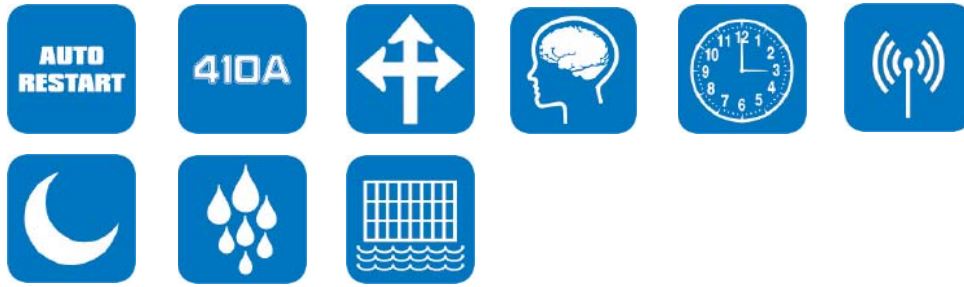
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Model Number	WHP412ZR	WHP418ZR
Product Code	421-0079	421-0080
Rated Voltage (VAC)	208-230	208-230
Cooling Capacity	11200 / 11600	17000 / 17300
Heating Capacity	10000 / 10300	15700 / 16000
Electric Heat Capacity	8500 / 10700	9000 / 11000
EER Rating	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" x 26 9/16" x 16"	27 15/16" x 26 9/16" x 16"	27 15/16" x 26 9/16" x 16"	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)	*	*	*		
<b>OUTDOOR SIDE</b>					
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) (cool/heat mode)	800 / N/A	800 / 720	1120 / N/A	1120 / 1010	1530 / N/A	1530 / 1390
Rated Current (Amps) (compressor and fan in cool/heat 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) Indoor/Outdoor	51/62	51/62	53/65	53/65	53/65	53/65
Coil Type	Aluminum Fin Copper Tube	Aluminum Fin Copper Tube	Aluminum Fin Copper Tube	Aluminum Fin Copper Tube	Aluminum Fin Copper Tube	Aluminum Fin Copper Tube
Unit Dimensions (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 (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
LCIDI 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

	270-0015	270-0017
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





**Sealed Unit Parts Co., Inc.**  
**PO Box 21, 2230 Landmark Place,**  
**Allenwood, NJ 08720 (USA)**  
**(732)-223-6644 \* Fax (732)-223-1617**  
**www.supco.com \* info@supco.com**

