

Comfort-Aire®



**Residential
Condensers and
Package Units**

**Manufactured
Housing**



**Geothermal/
Watersource**



**Residential Gas
Furnaces, Air Handlers,
and Coils**



**Room Air
Products**



**The Leader in Heating
& Cooling Comfort**

www.comfort-aire.com

MARS®
Delivering Confidence

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*This guide shows the full range of Comfort-Aire® products for residential and commercial use.
For more details on specific products, see our websites, www.comfort-aire.com or www.marsdelivers.com.*

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Comfort-Aire room air products with the smartphone icon can be controlled from anywhere through the cloud using an app on iOS or Android. It also works with Google Assistant and Alexa.



Comfort-Aire room air products come charged with the environmentally friendly R-454B, R410A and R-32 refrigerant.



All Comfort-Aire room air products are listed with either CSA or UL for application in the United States and Canada. See the model rating plate for specific certifications.

Comfort-Aire®

visit us online at: www.comfort-aire.com

LE Series

SPLIT SYSTEM AIR CONDITIONERS

ASA16 Condensing Units Up to 16.6 SEER2 Single Stage

15 SEER Model	Cooling Nom. BTUH	Dimensions (in.) W x D x H
ASA1618S1	18,000	28.25 x 28.25 x 29.25
ASA1624S1	24,000	28.25 x 28.25 x 37.25
ASA1630S1	30,000	28.25 x 28.25 x 29.25
ASA1636S1	36,000	28.25 x 28.25 x 37.25
ASA1641S1	42,000	32.25 x 32.25 x 33.25
ASA1647S1	60,000	32.25 x 32.25 x 33.25

DOE 2023 Compliant for Southeast and Desert Southwest States Minimum Efficiency 14.3 SEER2

Total corrosion protection technology designed coil. Enhanced tube-and-fin coil design. Lanced fins for maximum heat transfer. Every coil factory tested for leakproof construction. Raised coil prevents debris from impeding airflow.



208/230V-1-60 1-1/2 to 5 Tons
COMPLIANT FOR ALL REGIONS

For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org

ASA14 Condensing Units Up to 15.4 SEER2 Single Stage

DOE 2023 Compliant for Northern States Minimum Efficiency 13.8 SEER2

Total corrosion protection technology designed coil. Enhanced tube-and-fin coil design. Lanced fins for maximum heat transfer. Every coil factory tested for leakproof construction. Raised coil prevents debris from impeding airflow.



14 SEER Model	Cooling Nom. BTUH	Dimensions (in.) W x D x H
ASA1418S1	18,000	28.25 x 28.25 x 39.25
ASA1424S1	24,000	28.25 x 28.25 x 37.25
ASA1430S1	30,000	28.25 x 28.25 x 29.25
ASA1436S1	36,000	28.25 x 28.25 x 37.25
ASA1442S1	42,000	32.25 x 32.25 x 33.25
ASA1448S1	48,000	32.25 x 32.25 x 33.25
ASA1460S1	60,000	28.25 x 28.25 x 43.25

208/230V-1-60 1-1/2 to 5 Tons
COMPLIANT FOR ALL REGIONS

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ASA13 Condensing Units Up to 15.4 SEER2 Single Stage

DOE 2023 Compliant for Northern States Minimum Efficiency 13.4 SEER2

Total corrosion protection technology designed coil. Enhanced tube-and-fin coil design. Lanced fins for maximum heat transfer. Every coil factory tested for leakproof construction. Raised coil prevents debris from impeding airflow.



14 SEER Model	Cooling Nom. BTUH	Dimensions (in.) W x D x H
ASA1318S1	18,000	24.25 x 24.25 x 25.25
ASA1324S1	24,000	24.25 x 24.25 x 29.25
ASA1330S1	30,000	28.25 x 28.25 x 29.25
ASA1336S1	36,000	28.25 x 28.25 x 33.25
ASA1342S1	42,000	28.25 x 28.25 x 37.25
ASA1348S1	48,000	28.25 x 28.25 x 29.25
ASA1360S1	60,000	28.25 x 28.25 x 37.25

208/230V-1-60 1-1/2 to 5 Tons
COMPLIANT FOR NORTHERN REGION ONLY

For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org



LE Series

SPLIT SYSTEM AIR CONDITIONERS

CXP Horizontal Discharge Condenser Minimum 15.2 SEER2 Single Stage

Horizontal discharge condenser is compact in size with an alternative footprint to fit in tight spaces without detracting from landscaping and outdoor living areas, which makes it great for apartment complexes and condominiums.

15 SEER Model	Nom. BTUH	Dimensions (in.) W x H x D
CXP1512SA-1	18,000	31.69 x 21.81 x 12.99
CXP1518SA-1	18,000	31.69 x 21.81 x 12.99
CXP1524SA-1	23,000	35.04 x 26.50 x 13.46
CXP1530SA-1	29,000	35.04 x 26.50 x 13.46
CXP1536SA-1	34,000	37.24 x 31.89 x 16.14
CXP1548SA-1	44,000	38.58 x 38.39 x 16.34
CXP1560SA-1	54,000	37.48 x 52.48 x 16.34

1=208/230V-1-60

1 to 5 Tons

Features

- Ultra quiet operation is rated as low as 54 decibels
- Attractive cabinet is galvanized steel with powder coated finish for durability, in attractive neutral color
- Low voltage 24V control system for universal use



12,000, 18,000, 24,000, 30,000,
36,000 & 48,000 BTUH



60,000 BTUH



LE Series

HEAT PUMPS

HP19V Heat Pumps Up to 19.0 SEER2 Inverter

19 SEER Model	BTUH Cooling	BTUH Heating	HSPF2
HP19V24S1A	24,000	18,000	9.0
HP19V36S1A	34,000	26,000	9.0
HP19V48S1A	47,000	33,000	8.5
HP19V60S1A	53,000	35,000	8.2

208/230V-1-60

2 to 5 Tons

COMPLIANT FOR ALL REGIONS



For the latest AHRI system matches,
please visit www.marsdeliversratings.com
or AHRIdirectory.org



Features

- Less than 34" high and 4 sq ft base maximizes installation opportunities
- Pair with AH19X air handler for a superior AHRI rated system
- Extreme heating and cooling capabilities
 - Cooling operation from 5°F – 125°F
 - Heating operation from -4°F – 80°F
- Pre-charged for 25 feet of lineset
- Self-adapting inverter technology with ultra low frequency operation
 - Able to hold set temperature within 2°F
 - Monitors drive current to prevent overload

HSA14 Heat Pumps Up to 14.0 SEER2 Single Stage

Corrosion protection technology designed coil with durable aluminum alloy fin-and-tube construction. Defrost ensures efficiency and coil protection in the coldest weather. Full metal jacket is made of galvanized steel with polyester urethane coating for durability, corrosion resistance.



14 SEER Model	BTUH Cooling	BTUH Heating	HSPF
HSA1418S1	18,000	17,900	7.5
HSA1424S1	23,400	22,000	7.8
HSA1430S1	29,200	28,000	7.5
HSA1436S1	36,000	34,600	7.5
HSA1442S1	41,000	40,500	7.5
HSA1448S1	47,500	47,000	7.5
HSA1460S1	57,000	56,000	7.5

208/230V-1-60

1-1/2 to 5 Tons

COMPLIANT FOR ALL REGIONS

For the latest AHRI system matches,
please visit www.marsdeliversratings.com
or AHRIdirectory.org

Extreme Performance Cold Weather Heat Pump Up to 19 SEER2 Inverter

Enjoy the ultimate in comfort and efficiency with the VXP-Series extreme performance air source heat pump. With an inverter-driven compressor, the VXP-system fully modulates to use the least amount of energy possible to maintain temperature, while at the same time optimizing sound levels and comfort. Hyper heat performance down to -22°F (-30°C) and cooling to an extreme 122°F (50°C) means the heat pump has world-class operating parameters in all weather conditions. Available with auxiliary heat kits for the VXP air handler, or with the optional MXP-Series of cased coils for dual-fuel capabilities with any new or existing furnace.



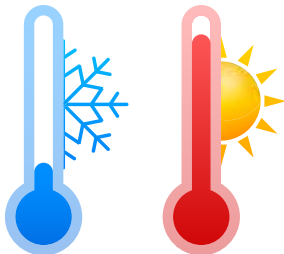
Outdoor Unit	Capacity BTUH	Cooling/Heating	
A-VXP18SA-1	18,000 cool, 19,000 heat, 19 SEER2, 12.5 EER2, 9.7 HSPF2		
A-VXP24SA-1	23,000 cool, 24,000 heat, 18.3 SEER2, 11.7 EER2, 10 HSPF2		
A-VXP30SA-1	30,000 cool, 34,000 heat, 16.8 SEER2, 11.7 EER2, 10 HSPF2		
A-VXP36SA-1	36,000 cool, 37,000 heat, 17.4 SEER2, 11.7 EER2, 10.2 HSPF2		
A-VXP48SA-1	48,000 cool, 50,000 heat, 16.5 SEER2, 10.58.2 EER2, 9.5 HSPF2		
A-VXP60SA-1	54,000 cool, 56,000 heat, 16 SEER2, 10 EER2, 9 HSPF2		
Multi-Position Air Handler	Capacity BTUH	Cooling/Heating	Max CFM/DBA
B-VXP18SA-1	18,000 cool, 19,000 heat, 618/41		
B-VXP24SA-1	23,000 cool, 24,000 heat, 824/44		
B-VXP30SA-1	30,000 cool, 34,000 heat, 989/47		
B-VXP36SA-1	36,000 cool, 37,000 heat, 1189/49		
B-VXP48SA-1	48,000 cool, 50,000 heat, 1601/52		
B-VXP60SA-1	54,000 cool, 56,000 heat, 1807/54.5		
Cased Coil	Dimensions & Weight (W x D x H)		
MXP18/24A1A	14.49 x 21 x 17.99, 41.89 lbs		
MXP18/24B1A	17.52 x 21 x 17.99, 41.89 lbs		
MXP24/36A1A	14.49 x 21 x 23.21, 56.88 lbs		
MXP24/36B1A	17.52 x 21 x 23.58, 59.52 lbs		
MXP24/36C1A	21.02 x 21 x 24.06, 64.37 lbs		
MXP48/60C1A	21.61 x 21.50 x 27.8, 96.78 lbs		
MXP48/60D1A	24.49 x 21 x 27.99, 81.13 lbs		

COMPLIANT FOR ALL REGIONS

NOTE: AHRI combinations with MXP-Series Coils and VXP systems are "coil-only" matches, and result in lower SEER2, EER2, and HSPF2 ratings than with matching air handler. Review latest match information on www.marsdeliversratings.com before installation.

**Verify Rating Plate Information Prior to Installation.

Minimum Circuit Ampacity and Maximum Fuse Values May Have Changed from Original Specifications.



Auxiliary Heat Kits									
	Power of Electric Heater	Number of Circuits	Voltage	Circuit 1 MCA	Circuit 2 MCA	Circuit 3 MCA	Circuit 1 Max. Fuse	Circuit 2 Max. Fuse	Circuit 3 Max. Fuse
Optional Electric Heater	EXP3KW	1	208/230V	14A/16A	-	-	-	-	-
	EXP5KW	1	208/230V	23A/27A	-	-	-	-	-
	EXP8KW	1	208/230V	37A/42A	-	-	40A/45A	-	-
	EXP10KW	1	208/230V	46A/53A	-	-	50A/60A	-	-
	EXP15KW	2	208/230V	23A/27A	46A/53A	-	25A/30A	50A/60A	-
	EXP20KW	2	208/230V	46A/53A	46A/53A	-	50A/60A	50A/60A	-
	EXP25KW	3	208/230V	23A/27A	46A/53A	46A/53A	25A/30A	50A/60A	50A/60A

Model Size Selection

Model (Btu/h)	3kW	5kW	8kW	10kW	15kW	20kW	25kW
8K	Yes	Yes	Yes	Yes	-	-	-
24K		Yes	Yes	Yes	Yes	-	-
30K		Yes	Yes	Yes	Yes	-	-
36K		Yes	Yes	Yes	Yes	Yes	-
48K			Yes	Yes	Yes	Yes	-
60K			-	Yes	Yes	Yes	Yes



Wired programmable control



HMA Air Handler with TXV & Fixed Torque Blower Motor

Model	Cap. Tons	Nominal CFM
HMA24CX1S	2	800
HMA30CX1S	2.5	1000
HMA36CX1S	3	1200
HMA42CX1S	3.5	1400
HMA48CX1S	4	1600
HMA60CX1S	5	2000

HMA Air Handler with PSC Motor

Model	Cap. Tons	Nominal CFM
HMA18PX1S	1.5	600
HMA24PX1S	2	800
HMA30PX1S	2.5	1000
HMA36PX1S	3	1200
HMA42PX1S	3.5	1400

HMA Variable Speed Air Handler

Model	Cap. Tons	Nominal CFM
HMA18VX1S	1.5	600
HMA24VX1S	2	800
HMA30VX1S	2.5	1000
HMA36VX1S	3	1200
HMA42VX1S	3.5	1400
HMA48VX1S	4	1600
HMA60VX1S	5	2000

HMA Air Handlers

Multi-position—upflow, downflow, and horizontal—air handlers are available in three variations. Each features optional plug-in electric heater kits available in 5 to 20 kW. Aluminum/aluminum A-coil for efficiency. Durable cabinet has polyester urethane finish, and blower cabinet is insulated. All air handlers come with TXV factory installed.



For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org



Comfort-Aire®

Real-Time Ratings Generator

This new website will allow instant access to the newest AHRI ratings, AHRI Certificate Numbers, Tax Certifications Statements (where applicable).

www.marsdeliversratings.com



Multi-position, freeze protection in both cooling and heating. Slide-out blower assembly, blower time delay and low voltage terminal strip. Non-corrosive drain pans.

HWCR**X Series

ECM constant torque blower motor.

HWCR**T Series

Reliable PSC blower motor.

All versions come with factory installed TXV.



115V-1-60
1-1/2 to 5 Tons

Hydronic Air Handlers for Boiler Loops

Model	Nom. Cooling Cap. Tons	Heating Cap. BTUH @ 3.5 GPM*	
		120° F EWT	180° F EWT
HWCR23X†	1.5 - 2.0	20,200	45,400
HWCR24X	1.5 - 2.0	21,600	59,300
HWCR30X	2.5	28,700	65,500
HWCR35X†	2.5 - 3.0	33,185	72,180
HWCR42X	3.0 - 3.5	37,800	86,300
HWCR47X†	3.5 - 4.0	48,200	98,640
HWCR48X	4.0	44,400	101,300
HWCR59X	3.5 - 5.0	48,200	98,640
HWCR60X	5.0	46,600	106,400
HWCR23T†	1.5 - 2.0	25,000	45,400
HWCR24T	1.5 - 2.0	21,600	48,400
HWCR35T†	2.5 - 3.0	38,750	72,180
HWCR36T	2.5 - 3.0	29,800	67,300
HWCR47T†	3.5 - 4.0	48,200	98,640
HWCR48T	3.5 - 4.0	45,900	98,000
HWCR59T	3.5 - 5.0**	48,200	98,640
HWCR60T	5.0	47,800	102,200

*At high speed setting

†Small-Chassis AH

See AHRI Directory for matches

**Due to limited airflow - not all 5-Ton condensers will work. Check approved matches on www.marsdeliversratings.com or www.ahridirectory.org

Cased and Uncased Coils for Split System Installations

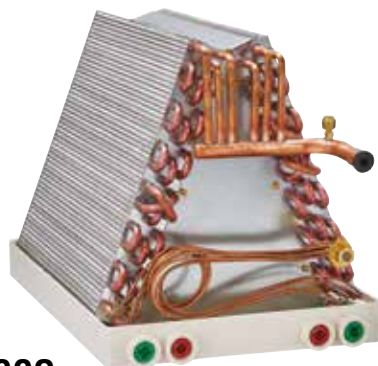
For use with split system air conditioners and heat pumps. Right or left hand connections offer installation flexibility. Drain pan is non-corrosive. Cased coil cabinet is insulated for quiet operation. Coils feature rifled copper (CCG/MCG) or aluminum (MAG) tubing with aluminum fins.

See AHRI.directory.org for matches

CCG—Uncased, Copper Coils

MCG—Cased, multi-position copper coils

1-1/2 to 5 Ton



CCG



MCG

visit us online at: www.comfort-air.com

7AHW Wall-Mount Air Handler

ELECTRICAL DATA / 3 SPEED PSC MOTOR

Model	Elec. Heating Cap.	
	kW	Btuh
	240V(1)	240V(1)
7AHWAC18PX00-71A	0	0
7AHWAC18PX05-71A	5.0	17,065
7AHWAC24PX00-71A	0	0
7AHWAC24PX05-71A	5	17,065
7AHWAC24PX07-71A	7.5	25,598
7AHWAC30PX00-71A	0	0
7AHWAC30PX05-71A	5.0	17,065
7AHWAC30PX07-71A	7.5	25,598
7AHWAC36PX00-71A	0	0
7AHWAC36PX07-71A	7.5	25,598



5-SPEED HIGH EFFICIENCY ECM

Model	Elec. Heating Cap.	
	kW	Btuh
	240V(1)	240V(1)
7AHWAE25PX00-71A	0	0
7AHWAE25PX05-71A	5.0	17,065
7AHWAE25PX07-71A	7.5	25,598
7AHWAE37PX00-71A	0	0
7AHWAE37PX07-71A	7.5	25,598
7AHWAE37PX10-71A	10.0	34,130
7AHWAE39PX00-71A	0	0
7AHWAE39PX05-71A	5.0	17,065
7AHWAE39PX07-71A	7.5	25,598
7AHWAE39PX10-71A	10.0	34,130

Low 30" height all models. Air filter included with every air handler; no tools required for change out. Approved for installation in manufactured housing and mobile homes.

AH19X Multi-Position Variable Speed Air Handler

Model	Cap. Tons	Nominal CFM
AH19X24S1A	2	850
AH19X36S1A	3	1,150
AH19X48S1A	4	1,600
AH19X60S1A	5	1,700

- High heat-transfer efficiency and low static-pressure drop A-coil
- Foil-faced insulation to prevent energy loss through the cabinet
- Factory-sealed cabinet certified to achieve 2% or less leakage rate at 1.0 inch water column
- Multi-stage variable speed blower motor to align with varying capacity demands



- Field installed electric heater kits available
- Multiple electrical entry locations
- Dual front panel for simplified maintenance
- Easy to service blower and coil with slide track
- Integrated filter rack in base
- AHRI rated with the HP19V to create a system of superior efficiency



Ultra Low NOx Package Gas Heat/Electric Cooling - ECM

Model	Cooling BTUH (SEER/SEER2)	Heat Input BTUH
GPA24054S1	22,600/ 22,600	54,000
GPA24072S1		
GPA30054S1	28,400/ 28,400	72,000
GPA30072S1		
GPA36072S1	34,000/ 33,400	90,000
GPA36090S1		
GPA42090S1	40,000/40,000	108,000
GPA48108S1	45,500/44,500	
GPA60108S1	57,000/ 57,500	126,000
GPA60126S1		

Manufactured with a stainless steel dimpled heat exchanger and equipped with a high-efficiency constant torque blower motor, the GPA-Series meets the Ultra-Low Nitrogen Oxides NOx Standards of California. Units feature a heavy-gauge galvanized steel base rail.

Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.





Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.

Package Cooling Only - ECM

Cooling Only Model	Rated AHRI Capacity Btuh (SEER/ SEER2)
APA24S1	22,600 / 22,600
APA30S1	28,400 / 28,400
APA36S1	34,000 / 33,400
APA42S1	40,000 / 40,000
APA48S1	45,500 / 44,500
APA60S1	57,000 / 57,500

208/230-1-60

2 to 5 Tons

Minimum Efficiency

14 SEER 11 EER
(13.4 SEER2, 10.6 EER2)

Dedicated horizontal flow. Ideal wherever a self-contained unit is needed. Mount on slab, or side discharge can be field modified for rooftop applications. Optional field-installed electric heater and other accessories are available.



Package Gas Heat/Electric Cooling - ECM

Model	Cooling BTUH	Heat Input BTUH	Model	Cooling BTUH	Heat Input BTUH
GPA24054S1	22,600	54,000	GPA36090S1	33,400	90,000
GPA24072S1	22,600	72,000	GPA42090S1	40,000	90,000
GPA30054S1	28,400	54,000	GPA48108S1	44,500	108,000
GPA30072S1	28,400	72,000	GPA60108S1	57,500	108,000
GPA36072S1	33,400	72,000	GPA60126S1	57,000	126,000

208/230-1-60

2 to 5 Tons

Minimum Efficiency

14 SEER 11 EER
(13.4 SEER2, 10.6 EER2)

High efficiency coils optimize heat transfer; features one piece top for water management and scroll compressor for efficiency. Self-contained units require only ductwork and a thermostat. Convertible air delivery—horizontal or downflow. Can be rooftop- or slab-mounted.



Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.



Package Heat Pump Units - ECM

Heat Pump Model	Cooling BTUH	Heating BTUH
HPA24S1	22,600	21,600
HPA30S1	28,600	25,800
HPA36S1	34,000	32,600
HPA42S1	39,500	40,000
HPA48S1	45,500	47,000
HPA60S1	56,000	58,000

208/230-1-60

2 to 5 Tons

Minimum Efficiency

14 SEER 8 HSPF
(13.4 SEER2, 6.7 HSPF2)

Dedicated horizontal flow. Ideal wherever a self-contained unit is needed. Mount on slab, or side discharge can be field modified for rooftop applications. Optional field-installed electric heater and other accessories are available.



Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.



Comfort-Cire®



Our flagship furnace sports aluminized steel primary and an AL29-4C stainless steel secondary heat exchangers, as well as a true ECM blower motor for the ultimate in durability and comfort. Superior technology works well with all standard 24VAC thermostats while the 33" compact height fits almost all installations

Upflow/horizontal models only.

A = 14 1/2" cabinet width B = 17 1/2" cabinet width
C = 21" cabinet width D = 24 1/2" cabinet width

Last digit = nom. tons cooling
Upflow/Horiz = Upflow/Horizontal



97% Two-Stage Gas Furnace

Upflow/Horiz	1 st Stage Input	2 nd Stage Input
GUH97T045B3MP	29,000	44,000
GUH97T070B3MP	43,000	66,000
GUH97T090C3MP	57,000	88,000
GUH97T090C5MP	72,000	88,000
GUH97T110C5MP	110,000	110,000
GUH97T135D5MP	86,000	132,000



120V-1-60

96% Single-Stage Gas Furnace

Upflow/Horiz	Input BTUH	Downflow	Input BTUH
GUH96C045B3MP	44,000	GDD96C045B3MP	44,000
GUH96C070B3MP	66,000	GDD96C070B4MP	66,000
GUH96C090C4MP	88,000	GDD96C090C4MP	88,000
GUH96C110C5MP	110,000	GDD96C110C5MP	110,000
GUH96C135D5MP	132,000		

A = 14 1/2" cabinet width B = 17 1/2" cabinet width
C = 21" cabinet width D = 24 1/2" cabinet width

Last digit = nom. tons cooling
Upflow/Horiz = Upflow/Horizontal

Efficient and reliable heat exchangers, hot surface igniter, integrated furnace control with on-board diagnostics. Equipped with ECM constant torque motor. Low profile cabinet is ideal for replacements. All units are A/C ready.



120V-1-60



92% Single-Stage Gas Furnace

Upflow/Horiz	Input BTUH	Downflow	Input BTUH
GUH92C045B3MP	44,000	GDD92C045B3MP	44,000
GUH92C070B3MP	66,000	GDD92C070B3MP	66,000
GUH92C090C3MP	88,000	GDD92C090C4MP	88,000
GUH92C090C4MP	88,000		
GUH92C110C4MP	110,000		
GUH92C110C5MP	110,000		

A = 14 1/2" cabinet width B = 17 1/2" cabinet width
C = 21" cabinet width D = 24 1/2" cabinet width

Last digit = nom. tons cooling
Upflow/Horiz = Upflow/Horizontal

Efficient and reliable heat exchangers, hot surface igniter, integrated furnace control with on-board diagnostics. Equipped with constant torque motor. Low profile cabinet is ideal for replacements. All units are A/C ready.



120V-1-60



Comfort-Cure®

LE Series

GAS FURNACES

80% Single-Stage Gas Furnace



120V-1-60

Upflow/Horiz.	Input BTUH	Downflow	Input BTUH
GUH80C045A3MP	44,000	GDD80C045A3MP	44,000
GUH80C070A3MP	66,000	GDD80C070B3MP	66,000
GUH80C070B3MP	66,000	GDD80C090B4MP	88,000
GUH80C090B4MP	88,000	GDD80C110C5MP	110,000
GUH80C090C5MP	88,000		
GUH80C110C5MP	110,000		
GUH80C135D5MP	132,000		

A = 14¹/₂" cabinet width
B = 17¹/₂" cabinet width
C = 21" cabinet width
D = 24¹/₂" cabinet width
Last digit = nom. tons cooling

Our non-condensing gas furnace features hot surface igniter, in-shot burner and crimped no-weld aluminized clam shell heat exchanger. Multi-speed ECM blower delivers warm air quietly. Low profile cabinet fits in even tight spaces. Integrated control board includes diagnostic lights. LP conversion kits are available.



SE Series

SPLIT SYSTEM AIR CONDITIONERS

SAC14 Condensing Units

14 SEER2 Model	Nom. BTUH	Dimensions (in.) W x D x H
SAC1418S1A	18,000	23-5/8 x 23-5/8 x 24-15/16
SAC1424S1A	24,000	28 x 28 x 24-15/16
SAC1430S1A	30,000	28 x 28 x 24-15/16
SAC1436S1A	36,000	29-1/8 x 29-1/8 x 24-15/16
SAC1442S1A	42,000	29-1/8 x 29-1/8 x 33-3/16
SAC1448S1A	48,000	28 x 28 x 33-3/16
SAC1460S1A	60,000	29-1/8 x 29-1/8 x 33-3/16

208/230V-1-60

1-1/2 to 5 Tons



For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRI.directory.org



SAC13 Condensing Units

13 SEER2 Model	Nom. BTUH	Dimensions (in.) W x D x H
SAC1318S1A	18,000	23-5/8 x 23-5/8 x 24-15/16
SAC1324S1A	24,000	28 x 28 x 24-15/16
SAC1330S1A	30,000	28 x 28 x 24-15/16
SAC1336S1A	36,000	29-1/8 x 29-1/8 x 24-15/16
SAC1342S1A	42,000	28 x 28 x 33-3/16
SAC1348S1A	48,000	28 x 28 x 33-3/16
SAC1360S1A	60,000	29-1/8 x 29-1/8 x 33-3/16

208/230V-1-60

1-1/2 to 5 Tons



For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRI.directory.org



SE Series

SPLIT SYSTEM HEAT PUMPS



Powder-coated galvanized steel cabinet with wire fan grille and steel louver coil guard provide reliable operation during harsh elements. Internal protection against high temperature motor overload, high quality copper tube and aluminum fin condenser (micro channel on 5T), service valves with sweat connections and easy 45° access ports, sound levels as low as 72 dB for quiet operation and peace of mind.

For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org

SHP14 Heat Pumps

14 SEER2 Model	BTUH Cooling	BTUH Heating
SHP1418S1A	18,000	18,000
SHP1424S1A	23,000	22,800
SHP1430S1A	28,000	27,000
SHP1436S1A	34,200	34,200
SHP1442S1A	41,000	41,000
SHP1448S1A	45,000	44,500
SHP1460S1A	54,000	54,000

208/230V-1-60

1-1/2 to 5 Tons

7.5 HSPF2



SE Series

AIR HANDLERS & COILS

SAHC Multi-Position Air Handler (CT)

Model	Capacity Tons	Nominal CFM
SAHC24S1A	23,600	7,40
SAHC36S1A	34,200	1,240
SAHC48S1A	45,000	1,540
SAHC60S1A	54,500	1,750

208/240V-1-60

2 to 5 Tons

SAHP Multi-Position Air Handler (PSC)

Model	Capacity Tons	Nominal CFM
SAHP18S1A	18,000	600
SAHP24S1A	23,600	900
SAHP36S1A	34,200	1,200
SAHP48S1A	45,000	1,400
SAHP60S1A	54,500	1,650

208/240V-1-60

1-1/2 to 5 Tons

Choose between PSC or CT blower, all-aluminum tube & fin coil, FULL multi-position installation, polymer condensate drain pan with UVC inhibitor, horizontal and vertical condensate drain pans standard, blower and coil slide out for ease of maintenance, certified to achieve <2% leak rate at 1" w.c., fully insulated cabinet, dual front panel design, four models cover all tonnages. Field installed heat kits optional.

For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org



SCC Multi-Position Aluminum Cased Coils

MAA Model	Width (in.)	Nom. Capacities*
SCC1836A	14.5	1.5 - 3.0T
SCC1836B	17.5	1.5 - 3.0T
SCC1836C	21.0	1.5 - 3.0T
SCC1842B	17.5	1.5 - 3.5T
SCC1842C	21.0	1.5 - 3.5T
SCC3642D	24.5	3.0 - 3.5T
SCC3042B	17.5	2.5 - 3.5T
SCC3042C	21.0	2.5 - 3.5T
SCC3648D	24.5	3.0 - 4.0T
SCC3660C	21.0	3.0 - 5.0T
SCC4260D	24.5	3.5 - 5.0T



For use with SE Series split system air conditioners and heat pumps ONLY. Right or left hand connections offer installation flexibility. Drain pan is non-corrosive. Cased coil cabinet is insulated for quiet operation. Coils feature rifled aluminum tubing with aluminum fins.

For the latest AHRI system matches, please visit www.marsdeliversratings.com or AHRIdirectory.org





1.5 - 3 Tons

SWP & SWX Wall Mount Air Handlers

Model	Nominal CFM
SWP18S1A	600
SWP24S1A	800
SWP30S1A	1000
SWP36S1A	1200
SWX18S1A	600
SWX24S1A	800
SWX30S1A	1000
SWX36S1A	1200

208/230V - 1- 60

Features

- Direct-drive, multi-speed motors allow air volume variation for heating / cooling
 - Multi-speed ECM motor: SWX series
 - Fixed speed PSC motor: SWP series
- Thermoplastic drain pan with bottom primary and secondary drain connections
- Built-in filter rack.
- Wall-hanging bracket included.
- Front or bottom return available.
- Optional heating elements in 5kW, 7.5kW, and 10kW.
- All-aluminum coil.



SE Series

RESIDENTIAL PACKAGED UNITS

13.4 SEER2, 24 – 60 kbtuh, aluminized steel tubular heat exchanger, horizontal or downflow application, max width of 47" fits in small, standard, and long truck beds. Rugged full perimeter base rails with cornerhoist points and standard forklift slots. Can be rooftop or slab mounted, slide out blower motor for ease of maintenance. SRH: Propane convertible (LP kit included). SRH: Optional field install heat kits available.



SRH Heat Pump Packaged Unit 13.4 SEER2

Cooling Only Model	Cooling BTUH @95°F	Heating BTUH @47°F
SRHP2400S1A	22,800	22,800
SRHP3600S1A	34,000	34,200
SRHP4800S1A	46,500	47,000
SRHP6000S1A	57,000	57,000

208/230-1-60

2 to 5 Tons

Minimum Efficiency

13.4 SEER2, 6.7 HSPF2

Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.



SRG Gas Electric Packaged Unit 13.4 SEER2

Model	Cooling BTUH @95°F	Heat Input BTUH
SRGP2460S1A	22,800	60,000
SRGP3060S1A	28,400	60,000
SRGP3690S1A	34,200	90,000
SRGP4290S1A	40,000	90,000
SRGP4890S1A	48,000	90,000
SRGP6090S1A	57,500	90,000
SRGP60110S1A	57,500	110,000

208/230-1-60

2 to 5 Tons

Minimum Efficiency

13.4 SEER2, 10.6 EER2

Compact cabinet has full perimeter base rails and durable polyurethane finish. Louvered panels protects the coil.



Available in 80% AFUE for 40-120k btuh and 96% AFUE for 60-120k btuh, these furnaces provide comfort and affordability. Multi-speed ECM blower motors with aluminized steel tubular heat exchangers and many ease-of-installation features. All variants less than 34" tall. 80% is upflow, horizontal, and downflow configurable. 96% is upflow and horizontal configurable. LP kit included.

SGF 96% Two-Stage Gas Furnace

Upflow/Horiz	1 st Stage Input	2 nd Stage Input
SGF96T060B3S1A	39	60
SGF96T080B3S1A	52	80
SGF96T080C4S1A	52	80
SGF96T100C5S1A	65	100
SGF96T100D5S1A	65	100
SGF96T120D5S1A	78	120

120V-1-60

96.0% AFUE



Comfort-Aire[®]

SGF 80% Single-Stage Gas Furnace

Upflow/Down/Horiz	Input BTUH
SGF80S040A3S1A	40,000
SGF80S060A3S1A	60,000
SGF80S060B4S1A	60,000
SGF80S080B4S1A	80,000
SGF80S080C4S1A	80,000
SGF80S100C5S1A	100,000
SGF80S120D5S1A	120,000

120V-1-60

80% AFUE



Real-Time Ratings Generator

This new website will allow instant access to the newest AHRI ratings, AHRI Certificate Numbers, Tax Certifications Statements (where applicable).

www.marsdeliversratings.com



NORTEK-STYLE MANUFACTURED HOUSING FURNACES



MG1E 80% AFUE Downflow Gas Furnaces

Model	Input BTUH	Output BTUH	Dimensions H x D x W
MG1E-B056F1AAM*	56 MBH	45 MBH	56" x 23-3/4" x 19-3/4"
MG1E-B070F1AAM*	70 MBH	57 MBH	56" x 23-3/4" x 19-3/4"
MG1E-B077F1AAM*	77 MBH	62 MBH	56" x 23-3/4" x 19-3/4"
MG1E-B090F1AAM*	85 MBH	67 MBH	56" x 23-3/4" x 19-3/4"
MG1E-B056F1ABM*	56 MBH	45 MBH	76" x 23-3/4" x 19-3/4"
MG1E-B070F1ABM*	70 MBH	57 MBH	76" x 23-3/4" x 19-3/4"
MG1E-B077F1ABM*	77 MBH	62 MBH	76" x 23-3/4" x 19-3/4"
MG1E-B090F1ABM*	85 MBH	67 MBH	76" x 23-3/4" x 19-3/4"

Available with or without a factory-installed 20" Coil Cabinet, this fully insulated downflow-only 80% gas furnace fits the standard MH footprint. AC-Ready with a 4-Ton ECM blower with 5 speed taps. Optional 26" field-installed coil cabinet available.

MG2R 95% AFUE Single-Stage Gas Furnaces

Model	Input BTUH	Output BTUH	Dimensions H x W x D
MG2R-B045F1AAM*	45 MBH	43 MBH	56" x 24-5/8" x 19-7/8"
MG2R-B060F1AAM*	60 MBH	57 MBH	56" x 24-5/8" x 19-7/8"
MG2R-B072F1AAM*	72 MBH	68 MBH	56" x 24-5/8" x 19-7/8"
MG2R-B045F1ABM*	45 MBH	43 MBH	76" x 24-5/8" x 19-7/8"
MG2R-B060F1ABM*	60 MBH	57 MBH	76" x 24-5/8" x 19-7/8"
MG2R-B072F1ABM*	72 MBH	68 MBH	76" x 24-5/8" x 19-7/8"

True 95% AFUE efficiency and Category IV venting in a standard MH footprint. Available with or without a factory-installed 20" Coil Cabinet, this fully insulated downflow-only 95% furnace features an AC-Ready, 4-Ton ECM blower with 5 speed taps. Optional 26" field installed coil cabinet available.

Model	Input BTUH	Output BTUH	Dimensions H x W x D
MG2R-B045F1ACM*	45 MBH	43 MBH	76" x 24-5/8" x 19-7/8"
MG2R-B060F1ACM*	60 MBH	57 MBH	76" x 24-5/8" x 19-7/8"
MG2R-B072F1ACM*	72 MBH	68 MBH	76" x 24-5/8" x 19-7/8"

True 95% AFUE efficiency and Category IV venting in a standard MH footprint. Available with or without a factory-installed 27" Coil Cabinet, this fully insulated downflow-only 95% furnace features an AC-Ready, 4-Ton ECM blower with 5 speed taps. Optional 20" field installed coil cabinet available.



MG2R*A

MG2R*B/C

Comfort-Cire®

902989
Grille & Frame
sold separately



E7ED



E7EM

E7ED-E7EM Electric Furnaces

Model	Output kW	BTUH @ 240V	Dimensions H x D x W
E7ED-B010H*	10.4	35,000	60-5/8" x 24-1/2" x 20"
E7ED-B012H*	12.0	41,000	60-5/8" x 24-1/2" x 20"
E7ED-B015H*	15.4	53,000	60-5/8" x 24-1/2" x 20"
E7ED-B017H*	16.6	57,000	60-5/8" x 24-1/2" x 20"
E7ED-B020H*	20.4	70,000	60-5/8" x 24-1/2" x 20"
E7ED-B023H*	22.0	75,000	60-5/8" x 24-1/2" x 20"
E7EM-B010H*	10.4	35,000	29" x 24-1/2" x 20"
E7EM-B012H*	12.0	41,000	29" x 24-1/2" x 20"
E7EM-B015H*	15.4	53,000	29" x 24-1/2" x 20"
E7EM-B017H*	16.6	57,000	29" x 24-1/2" x 20"
E7EM-B020H*	20.4	70,000	29" x 24-1/2" x 20"
E7EM-B023H*	22.0	75,000	29" x 24-1/2" x 20"

Versatile, fully insulated electric furnaces that fit standard MH footprint applications. Available with (E7ED) or without (E7EM) a factory-installed 31-1/2" Coil Cabinet. Optional Grille and Frame Assembly (Part# 902989) available for E7EM. Optional 5-Ton Blower available. E7ED for Downflow applications only, while E7EM can be used in Upflow applications.

JCI-STYLE MANUFACTURED HOUSING FURNACES

DGAX 80% Gas Furnace - ECM Motor

Model	Input BTUH	Output BTUH	Dimensions H x D x W
DGAX056BDTD	56,000	45,000	76" x 19.5" x 24.5"
DGAX070BDTD	70,000	56,000	76" x 19.5" x 24.5"
DGAX077BDTD	77,000	62,000	76" x 19.5" x 24.5"
DGAX090BDTD	90,000	72,000	76" x 19.5" x 24.5"

For downflow applications only, this 80% AFUE Gas Furnace is built in the USA, and features an integral AC coil cabinet and 4-Ton capacity blower. The DGAX-Series' Hot Surface Ignition saves fuel and increases reliability, and the universal-size disposable air filters offer convenience for the homeowner.



EBE & EUE Electric Furnace - ECM Motor

Model	Input kW	BTUH @ 240V	Dimensions H x D x W
EBE10B/EUE10B	10	34,000	51.5" x 19.5" x 24"
EBE12B	12	39,000	51.5" x 19.5" x 24"
EBE15B/EUE15B	15	51,000	51.5" x 19.5" x 24"
EBE17B	17	56,000	51.5" x 19.5" x 24"
EBE20B/EUE20B	20	67,000	51.5" x 19.5" x 24"
EBE23B	23	77,000	51.5" x 19.5" x 24"

Made for years of reliability and installation-ease, the EBE/EUE-Series of Electric Furnaces are built in the USA, and feature an integral AC coil cabinet with a 4-Ton capacity blower. Sequenced heating allows staging with Heat Pumps, while the universal-size disposable air filters offer convenience for the homeowner. EBE-Series are dedicated for downflow applications, whereas the EUE-Series are dedicated for upflow applications.



MANUFACTURED HOUSING COILS

Please Note:

The R Series coils include RDS mitigation board and sensor. Recommended for use with non-LE Series indoor units.

The L Series coils include the RDS sensor only and are intended for use with LE Series indoor units.

The S Series coils are R410A replacement coils only and many not be used for new installations or be eligible for new ratings. (Equipped with 410A piston).

If an L Series coil is used with a non-A2L compliant furnace OR a non-LE Series furnace, a mitigation board (p/n 27A05) will need to be installed in the furnace.

Rifled copper tubing, enhanced aluminum fins. Immersion-tested at 500 psi, then nitrogen-pressurized and sealed. Left-hand refrigerant and plumbing connections. Externally mounted flowrater body with Schrader valve. Heavy duty plastic drain pans on all models. AHRI certifiable with certain brands of A/C and heat pump systems. UL listed for use with both R-410A and R-454B when proper metering device is used.

CMH Series Manufactured Housing Coils

Coil Model	Nominal Tonnage	Dimensions		
		Pan Widths (W)"	Pan Depth (D)"	Coil Height (H)"
CMH18/36PM1M*	1.5 - 3	18"	19.5"	17"
CMH24/30PM1M*	2 - 2.5	18"	19.5"	19"
CMH36PM2M*	2.5 - 3	18"	19.5"	19"
CMH42/48PM1M*	3.5 - 4	18"	19.5"	19"
CMH42/48PM2M*	3.5 - 4	18"	19.5"	19"
CMH48PM2M*	3.5 - 4	18"	19.5"	21"
CMH48/60PM1M*	4 - 5	18"	19.5"	25"
CMH48/60PM2M*	4 - 5	18"	19.5"	23"
Service Coils				
CMH18/24PM3M*	1.5 - 2	18"	19.5"	11"
CMH36PM3M*	3	18"	19.5"	15"
CMH42/60PM3M*	3.5 - 5	18"	19.5"	19"



TXV for 1.5 - 2.5 Ton H4TXV01
TXV for 3 - 4 Ton H4TXV02

C M H 18 P M 1 M L

Coil Type

C = Uncased
Vertical

Application

MH = Mobile Home

Nominal Tonnage BTUH

18 = 1.5 ton
1824 = 1.5 - 2 ton
24 = 2 ton
2430 = 2 - 2.5 ton
30 = 2.5 ton
3036 = 2.5 - 3 ton
36 = 3 ton
42 = 3.5 ton
4248 = 3.5 - 4 ton
48 = 4 ton
4860 = 4 - 5 ton
60 = 5 ton

Refrigerant Detection System

R = RDS Controller & Sensor (Factory Installed)
L = Leak Detection Sensor (Factory installed)
S = R410A Service Coil (Replacement only)

Series

Coil Code

Width

M = 18"

Refrigerant Type & Metering Device

P = Piston (R-454B)
A = R-454B Non-bleed HP-A/C TXV
B = R-32 Non-bleed HP-A/C TXV
T = R-410A Non-bleed HP-AC TXV

MANUFACTURED HOUSING COILS

FEATURES

- Rifled copper tubing, enhanced aluminum fins
- Immersion-tested at 500 psi, then nitrogen-pressurized and sealed
- Left-hand refrigerant connections with down-turned headers
- Foam sheet for sealing, drain elbow + hose & clamp
- Heavy duty plastic drain pans on all models
- AHRI certifiable with certain brands of A/C and heat pump systems
- R32 / R454B AC & HP Compatible with RDS Kit (76701706)
- Factory-installed refrigerant sensor bracket
- Externally mounted flow rater body, Field-installed expansion valves available separately

**MUST BE
INSTALLED IN
2025**

CMH-N Series Manufactured Housing Coils

Coil Model	Nominal Tonage	Dimensions		
		Pan Widths (W)"	Pan Depth (D)"	Coil Height (H)"
CMH18/36PM1MN	1.5 - 3	18"	19.5"	17"
CMH24/30PM1MN	2 - 2.5	18"	19.5"	19"
CMH36PM2MN	2.5 - 3	18"	19.5"	19"
CMH42/48PM1MN	3.5 - 4	18"	19.5"	19"
CMH42/48PM2MN	3.5 - 4	18"	19.5"	19"
CMH48PM2MN	3.5 - 4	18"	19.5"	21"
CMH48/60PM1MN	4 - 5	18"	19.5"	25"
CMH48/60PM2MN	4 - 5	18"	19.5"	23"
Service Coils				
CMH18/24PM3MN	1.5 - 2	18"	19.5"	11"
CMH36PM3MN	3	18"	19.5"	15"
CMH42/60PM3MN	3.5 - 5	18"	19.5"	19"



TXV for 1.5 - 2.5 Ton H4TXV01
TXV for 3 - 4 Ton H4TXV02

MINI-SPLIT AIR DISPLAY RACK



Part #6077

28 1/4"W x 21-1/2"D & is 74" H

Part #6078

Comfort-Aire Header

Comfort-Aire®

DUCTLESS MINI-SPLITS

VHP UltraV Series Multi Zone Mini-Splits

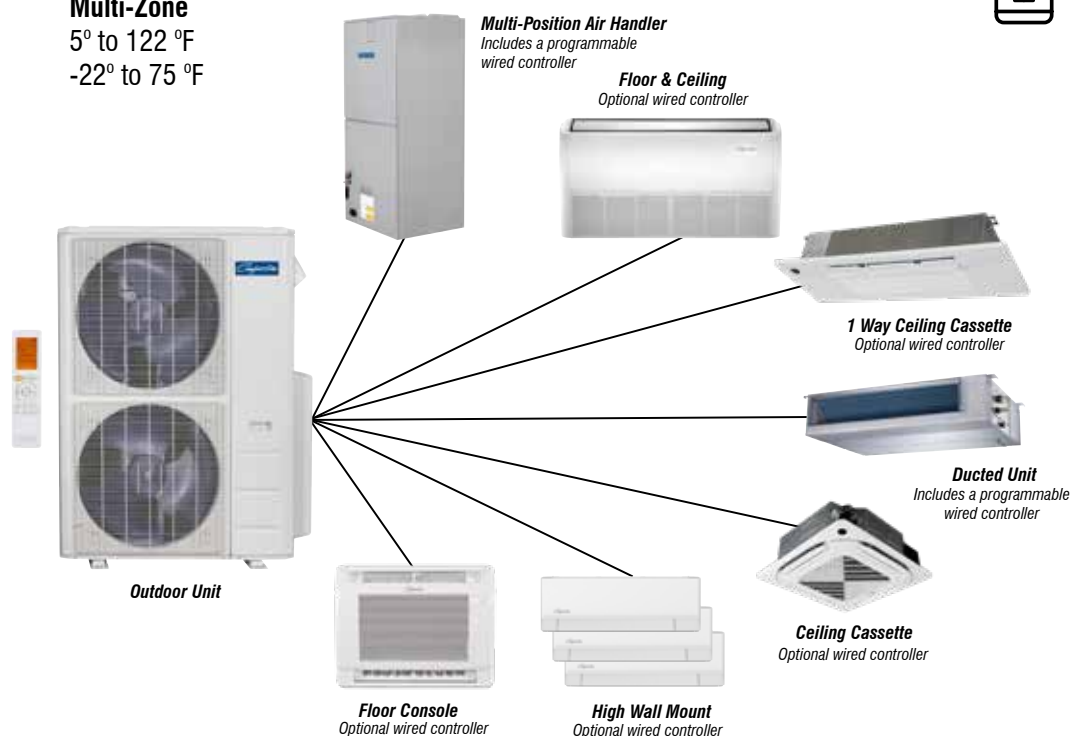
Our new UltraV Series will heat or cool when outdoor temperatures reach -22° F.

Multi-zone units run at 100% capacity at 5° F. Single zones maintain 100% capacity at 0° F! This makes these units well suited to installations requiring year 'round conditioning, both residential and light commercial.

Operating range:

	Single-Zone	Multi-Zone
Cooling=	-22° to 75 °F	5° to 122 °F
Heating=	-22° to 75 °F	-22° to 75 °F

Advanced inverter technology means the room will reach the preset temperature quickly and that the temperature will be constant without the fluctuations that occur in other systems due to on-off cycling. Energy usage is kept to a minimum as units run at low frequency most of the time. However, when required the unit ramps up automatically to reach and maintain the comfort level.



208/230-1-60

UP TO 23 SEER2

Indoor Ceiling Cassette	Capacity BTUH per unit	Floor Mount Indoor Unit	Capacity BTUH per unit
B-VHP09CA-1	9,000 cool, 10,000 heat	B-VHP09WA-1	9,000 cool, 9,000 heat
B-VHP12CA-1	12,000 cool, 12,000 heat	B-VHP12WA-1	12,000 cool, 12,000 heat
B-VHP18CA-1	16,000 cool, 19,000 heat	B-VHP18WA-1	16,000 cool, 17,000 heat
B-VHP24CA-1	23,500 cool, 25,000 heat	Ducted Unit	Capacity BTUH per unit
Cover Panel for Indoor Ceiling Cassette	Dimensions/Weight	B-VHP09DA-1	9,000 cool, 9,900 heat
C-VHP91218CA-1	25.47 X 25.47 X 1.97, 5.51lbs.	B-VHP12DA-1	12,000 cool, 12,000 heat
C-VHP24CA-1	35.60 x 35.68 x 1.97, 7.52 lbs.	B-VHP18DA-1	17,500 cool, 19,500 heat
Floor/Ceiling Mount Indoor	Capacity BTUH per unit	B-VHP24DA-1	24,000 cool, 26,000 heat
B-VHP18UA-1	17,000 cool, 19,000 heat	B-VHP36DA-1	36,000 cool, 42,000 heat
B-VHP24UA-1	22,000 cool, 26,000 heat	Outdoor Unit	Capacity BTUH per unit
One Way Cassette	Capacity BTUH per unit	A-VHP183A-1	19,000 cool, 20,000 heat
B-VHP061A-1	6,500 cool, 7,400 heat	A-VHP284A-1	27,000 cool, 27,000 heat
B-VHP091A-1	9,00 cool, 10,900 heat	A-VHP365A-1	36,000 cool, 36,000 heat
B-VHP121A-1	12,000 cool, 12,500 heat	A-VHP486A-1	47,000 cool, 49,000 heat
B-VHP181A-1	16,700 cool, 20,000 heat	A-VHP556A-1	51,000 cool, 55,000 heat

Outdoor units–Energy Star® compliant when combined with indoor units having an () by model number in above table

VHP-SA Series Multi-Position Air Handler

Multi-Position Air Handler				
Features	A-VHP18AA-1	A-VHP24AA-1	A-VHP30AA-1	A-VHP36AA-1
Cooling Capacity BTUH	18,000	23,000	33,000	36,000
Heating Capacity BTUH	19,500	26,000	35,000	38,000
Air Flow Range (CFM)	489-577	630-759	866-1084	866-1084
Fan Speeds	3	3	3	3
Sound Level Range (dBA)	30-43	26-44	35-48	31-47
Volts / Hz / Phase	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Voltage Range	187-253	187-253	187-253	187-253
Cooling Input Power (W)	1500	1916	2820	3080
Cooling Rated Current (A)	9.1	8.7	12.5	13.4
Heating Input Power (W)	1570	2180	2800	3289
Heating Rated Current (A)	9.5	9.7	12.3	14.3
Min. Circuit Ampacity	3.5	4	6	6
Max. Fuse	15	15	15	15
COP	3.64	3.5	3.66	3.39
Wireless Remote Control	YES	YES	YES	YES
Wired Programmable Control	YES	YES	YES	YES
Smart Phone Capable	YES	YES	YES	YES
Width (inches)	17.52	17.52	21.02	21.02
Height (inches)	45	45	49.02	49.02
Depth (inches)	21.02	21.02	21.02	21.02
NET WT / Shipping Wt. (lbs)	108.72/125.66	108.72/125.66	127.87/153.10	127.87/153.10
Liquid / Suction Size (inches)	1/4" x 1/2"	3/8" x 5/8"	3/8" x 3/4"	3/8" x 3/4"

Features

- Aluminum-alloy traditional fin-and-tube coil construction for maximum durability and corrosion resistance
- Efficient and quiet ECM blower motor
- Accepts traditional 24VAC thermostats for convenience and advanced control options
- Optional electric resistance heat kits (up to 15kW) provides auxiliary heat source for comfort during the worst conditions
- Beautiful and durable gloss enameled-steel construction with insulated construction provides less than 2% cabinet leakage
- Built-in return filter rack for 20"x 20"x 1" Filter
- Wired programmable control included



Comfort-Cure®

Auxiliary Heat Kits									
	Power of Electric Heater	1.5 ton / 18K	2 ton / 24K	Number of Circuits	Voltage	Circuit 1 MCA	Circuit 2 MCA	Circuit 1 Max. Fuse	Circuit 2 Max. Fuse
Optional Electric Heater	EXP3KW	YES	NO	1	208/230V	14A/16A	-	15A/20A	-
	EXP5KW	YES	YES	1	208/230V	23A/27A	-	25A/30A	-
	EXP8KW	YES	YES	1	208/230V	37A/42A	-	40A/45A	-
	EXP10KW	YES	YES	1	208/230V	46A/53A	-	50A/60A	-
	EXP15KW	NO	YES	2	208/230V	23A/27A	46A/53A	25A/30A	50A/60A



Wired programmable control



PLENUM SIZES	
SUPPLY AIR	18+24K= 12"D x 16"W
RETURN AIR	24+36K= 20"D x 16"W

VHP-SA UltraV Series Single Zone Mini-Splits

Super efficient heat pumps are rated up to 28.1 SEER2 and operate down to -22°F. 100% capacity at 0°F. Inverter technology saves up to 40% in energy consumption.



Includes wireless remote

A- (outdoor)
B- (indoor)



208/230-1-60

UP TO 28.1 SEER2

Outdoor Model	Specifications
A-VHP06SA-1	6,000 cool, 7,000 heat, 25.5 SEER2, 18 EER2, 14.8 HSPF2
A-VHP09SA-1	9,000 cool, 12,000 heat, 27.4 SEER2, 15.4 EER2, 12.5 HSPF2
A-VHP12SA-1	12,000 cool, 12,000 heat, 25.4 SEER2, 13.4 EER2, 10.5 HSPF2
A-VHP18SA-1	18,000 cool, 18,000 heat, 21.4 SEER2, 12.5 EER2, 11.0 HSPF2
A-VHP24SA-1	24,000 cool, 29,000 heat, 21 SEER2, 13 EER2, 13.5 HSPF2
A-VHP33SA-1	33,000 cool, 36,000 heat, 19 SEER2, 12 EER2, 10.5 HSPF2
Indoor Model	Specifications
B-VHP06SA-1	6,000 cool, 7,000 heat, 324 max. CFM
B-VHP09SA-1	9,000 cool, 12,000 heat, 324 max. CFM
B-VHP12SA-1	12,000 cool, 12,000 heat, 324 max. CFM
B-VHP18SA-1	18,000 cool, 18,000 heat, 500 max. CFM
B-VHP24SA-1	24,000 cool, 29,000 heat, 618 max. CFM
B-VHP33SA-1	33,000 cool, 36,000 heat, 736 max. CFM

SSP-SA Series Single-Zone Heat Pumps

UP TO 19 SEER2

Model	Specifications
SSP09SA-0	9,000 cool/9,800 heat BTU, 115V, 18 SEER2, 10.1 EER2, 9 HSPF2
SSP09SA-1	9,000 cool/10,000 heat BTU, 208/230V, 19 SEER2, 10.9 EER2, 9.7 HSPF2
SSP12SA-0	12,000 cool/12,000 heat BTU, 115V, 19 SEER2, 8.8 EER2, 9.2 HSPF2
SSP12SA-1	12,000 cool/12,000 heat BTU, 208/230V, 18 SEER2, 8.8 EER2, 8.8 HSPF2
SSP18SA-1	17,000 cool/18,000 heat BTU, 208/230V, 18.3 SEER2, 9.9 EER2, 8.7 HSPF2
SSP24SA-1	24,000 cool/24,000 heat BTU, 208/230V, 17 SEER2, 9.0 EER2, 8.5 HSPF2

Optional 115 or 230 volt available on 9K and 12K

Our SSP-Series, rated up to 19 SEER2, offers economical zone control because only the room or area being used is conditioned. Also inverter technology matches the compressor speed to the room's changing temperature requirements.



*Optional programmable wired controller and smartphone compatibility sold separately



ZHP-SA Series Single-Zone Heat Pumps

UP TO 35 SEER2

Model	Specifications
ZHP06SA-1	6,000 cool/9,000 heat BTU, 208/230V, 35 SEER2, 17.4 EER2, 30 HSPF2
ZHP09SA-1	9,000 cool/12,000 heat BTU, 208/230V, 33 SEER2, 17 EER2, 22 HSPF2
ZHP12SA-1	12,000 cool/12,000 heat BTU, 208/230V, 29.4 SEER2, 14.2 EER2, 14.5 HSPF2
ZHP15SA-1	17,000 cool/20,000 heat BTU, 208/230V, 25.6 SEER2, 15 EER2, 16.2 HSPF2
ZHP18SA-1	17,000 cool/20,000 heat BTU, 208/230V, 25.6 SEER2, 15 EER2, 16.2 HSPF2
ZHP24SA-1	24,000 cool/TBD heat BTU, 208/230V, 25 SEER2, 9.0 EER2, 13.1 HSPF2

Our ZHP-Series, rated up to 35 SEER2, showcases energy efficiency in a streamlined, modern, whisper-quiet design. Also inverter technology matches the compressor speed to the room's changing temperature requirements.



ROOM AIR ACCESSORIES

Window Support Brackets

Easy-to-install brackets add a full measure of safety to window-mounted air conditioners. Manufactured from heavy gauge steel with a durable baked-on epoxy finish, the brackets have stainless steel hardware to resist weather damage. Unique bubble level helps ensure proper installation angle.



AS080—For room air conditioners up to 80 pounds
Box Dimensions (in.) - 4 x 12 x 2

AS160—For room air conditioners up to 160 pounds
Box Dimensions (in.) - 4 x 17 x 2



NTN-1—No screws or penetrations, simple, yet robust design
Box Dimensions (in.) - 23T x 2.25D x 3.25W



NTN-2—No screws or penetrations, easy “drop in” installation
Box Dimensions (in.) - 11T x 16D x 14W

***Both brackets install and remove
with no structural disturbance.***

Comfort-Aire®

Room Air Display Rack



Part #8374
30"W x 27"D & is 72" H
(Display rack includes header)

ROOM AIR PRODUCTS

Air Conditioners 5,000 to 28,000 BTUH

All units come with a window mounting system. Galvanized steel, painted cabinets are lightweight and finished in attractive neutral color. All have electronic controls and wireless remote, timer and energy saver mode except RG-51 and RAD-283. Slide-out filter is washable.

Model	Nom. Cooling BTU	Remote	Power
RG-51R	5,000	No	115V
RADS-51Q	5,000	Yes	115V
RADS-61R	6,000	Yes	115V
RADS-81R03	8,000	Yes	115V
RADS-101R03	10,000	Yes	115V
RADS-121R03	12,000	Yes	115V
RADS-151R01	14,500	Yes	115V
RADS-183S	17,700/18,000	Yes	208/230V
RADS-253R03	24,00/24,000	Yes	208/230V
RAD-283S	27,600/28,000	Yes	208/230V

*S/R/R01/R03-Series Only



Appearance may vary slightly from images shown.



For supplemental electric heat only

Air Conditioning with Electric Heat

Features 3-speed fan, 24-hour on/off timer, auto restart, and energy saver mode. One degree temperature adjustment and four way air direction. Includes full feature remote control.

Model	Cooling BTUH	Heating BTUH	Power
REG-81R01	8,000	3,500	115V
REG-123R01	11,600/12,000	8,500/11,000	208/230V
REG-183R01	18,200/18,500	13,000/16,000	208/230V
REG-243R01	22,900/23,200	13,000/16,000	208/230V



Comfort-Aire®

visit us online at: www.comfort-aire.com

Room Air Heat Pumps

Perfect for any room needing heating and cooling. Units change over to supplemental electric heat automatically at 40°F outside temperature. Features electronic controls and wireless remote.

Model	Cooling BTUH	HP Heat BTUH	Air Delivery
RAH-123R	11,200/11,600	9,900/10,200	265 CFM
RAH-183R	17,000/17,300	14,000/14,300	541 CFM



208/230V-1-60

For supplemental heat. Includes window mounting kit and support brackets.



Thru-the-Wall Series

Sized to fit standard wall sleeve, includes interior trim kit. Four way air deflection and multiple fan speeds for comfort, plus 24-hour on-off timer and energy saver mode. Also auto operation and sleep modes. All models feature electronic controls and wireless remote.



Model	Cooling BTUH	Heating BTUH	Power
BG-81R02	8,300	—	115V
BG-101R02	10,000	—	115V
BG-103R01	10,00/10,500	—	208/230V
BG-121R02	12,000	—	115V
BG-123R02	11,700/12,000	—	208/230V
BG-143R01	13,000/14,000	—	208/230V
BGE-103R01	9,800/10,000	8,600/10,600	208/230V
BGE-123R01	11,700/12,000	8,600/10,600	208/230V
BGE-143R01	13,600/14,000	8,600/10,600	208/230V

EA448F Wall Sleeve

For BG and BGE Series

Sleeve is manufactured of G-90 steel and powder coated for durability and corrosion resistance; color matches unit color. The sleeve utilizes the aluminum back grille of the BG/BGE units, and front gaskets eliminate air.

EA448F—Wall Sleeve (inches) 15 1/4" H x 25 1/2" W x 17 1/2" D



Casement/Slider Air Conditioner

Model	Cooling BTUH	Air Delivery	Power
CD-81R01	8,000	264 CFM	115V
CD-101R01	10,000	323 CFM	115V

For windows 20-5/16" to 39-7/16" high and starting at 15-1/2" wide. Includes adjustable window mounting kit.

Solves the problem of mounting a window A/C unit in a horizontal sliding or casement window. Features three fan speeds, easy-access filter, adjustable air deflection, and wireless remote. With energy saver mode, 24-hour on/off timer.



Portable A/C

Ideal for any room where temporary cooling is needed (and heat with PSH-141D). Heavy duty casters and built-in handles make it easy to move unit. Built-in condensate management, electronic controls, 24 hour timer, and auto louver swing for gentle, breeze-like effect. Includes sliding adapters for windows.

115V-1-60

Model	Cooling BTUH	Design Type	EER
PS-81G	8,000	Single Hose	8.9
PS-101H	10,000	Single Hose	9.0
PS-121H	12,000	Single Hose	8.9
Model	Cooling BTUH	Design Type	Heat BTUH
PSH-141H	13,500	Single Hose	11,000

PSH Model EER: 8.9, COP 2.6 Hose on all models is 60" long.



PS models

PSH cooling and heating model



Easy to use with top mounted controls. Unit automatically shuts off when bucket is full. BHDP models have built-in pump for fast direct draining. Features auto defrost and auto restart. Slide-out filter is easily removed for washing and reusing. Low temperature operation to 41°F.

115V-1-60



22, 35, 50 pint models



60 Pint

Portable Dehumidifiers

Model	Capacity per Day	DOE* Rating	Bucket Capacity	Shipping Weight
BHD-22B	22 pints	22 pints	6.34 pints	35.5 lbs.
BHD-35B	35 pints	35 pints	12.68 pints	41.6 lbs.
BHD-50B	50 pints	50 pints	12.68 pints	45.2 lbs.
BHDP-50B	50 pints	50 pints	12.68 pints	45.9 lbs.
BHDP-60B	60 pints	60 pints	21.13 pints	62.6 lbs.

Condensate bucket is accessed from the front, has handy handholds on each side and an interior handle; unit can be adapted to direct drain. BHDP units with built-in pump can be used for direct drain or bucket can be used to collect condensate.

**DOE Standard for dehumidifiers: DOE recently released a new rating standard to show performance in colder environments, such as basements. At these reduced temperatures, it is harder to remove moisture from the air, resulting in lower performance. It is because of this we provide the standard rating and reduced DOE rating to better inform you of expected performance.

Portable Cube Dehumidifiers

Historically, home dehumidifiers have been ungainly, top-heavy machines. Conspicuous and with limited aesthetic appeal, dehumidifiers were nothing to get excited about. Until now.

FEATURES

- 115V
- 24 hour timer
- Auto restart
- Electronic controls
- Low temperature operation
- Automatic Water Level Shut-Off
- Casters for easy portability

Model	Capacity per Day	DOE* Rating	Bucket Capacity	Shipping Weight
BCD-20A	20 pints	22 pints	25 pints	36.2 lbs.
BCD-35A	35 pints	35 pints	33.8 pints	44.2 lbs.
BCD-50A	50 pints	50 pints	33.8 pints	45.2 lbs.



26" Package Terminal Units

Model	Cooling BTUH	Elec. Heat kW	Heating BTUH	EER	Amps	Ship Wt.
PTTC09B-1	9,100/9,300	N/A	N/A	9.8/9.8	15A	84
PTTC12B-1	11,800/12,000	N/A	N/A	9.8/9.8	15A	92
PTTC09C-1	9,200/9,400	2.9/3.6	N/A	10.2/10.0	15A	79.4
PTTC12C-1	12,200/12,600	2.9/3.6	N/A	9.8/9.8	15A	88.2
PTTE09C-1	9,200/9,400	2.9/3.6	N/A	10.2/10.0	20A	80.5
PTTE12C-1	12,200/12,600	2.9/3.6	N/A	9.8/9.8	20A	89.3
PTTH09C-1	9,100/9,300	2.9/3.6	8,400/8,600	9.8/9.8	20A	88.2
PTTH12C-1	11,800/12,000	2.9/3.6	10,800/11,100	9.5/9.5	20A	93.7

208/230-1-6

9,000 to 12,000 BTUH

Available in cooling only, electric heat and heat pump models.

For installation flexibility, the unit is designed to be controlled either by a full function on-board control panel or by a wireless remote control.



B = R410A Refrigerant
C = R32 Refrigerant

Our 26" PTAC air conditioners and heat pumps provide year-round comfort – room by room – for hotels, motels, apartments, office buildings, schools, nursing homes and more. Designed for quick installation in most 16" x 26" wall sleeves, they're great for new construction as well as replacements, especially where a standard 42" PTAC may be too large.

Combining attractive appearance with state-of-the art technology, these units minimize energy usage while ensuring guest comfort. Available in cooling only, electric heat and heat pump versions.



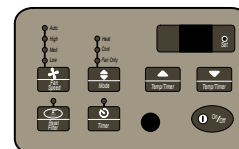
Features

Energy-Efficient—High energy efficiency ratios (EERs) save on utility costs; owner-programmed setback allowed for periods of inactivity and in-room temperature limitations.

Quiet Operation—Indoor sound reduction is achieved through the unit's two permanently lubricated fan motors; compressor has rubber grommet mounting.

Fresh Air Control Plate—Allows outdoor air into room through filtered vent, 23 CFM.

Easy to Service—The one-piece filter design provides enhanced air filtration. Conveniently located on the front of the unit, filters can be easily removed for cleaning.



LED display and touchpad buttons are simple to understand and easy to use.

42" Package Terminal Units

Cooling Models	Nom. Cooling BTUH	Heat Pumps	Nom. Cooling BTUH	Heating Capacity BTUH
PTAC07H130A	7,200/7,300	PTHP07H130A	7,100/7,200	6,000/6,200
PTAC09H130A	9,000/9,200	PTHP09H130A	9,200/9,300	7,900/8,100
PTAC12H130A*	11,800/12,000	PTHP12H130A*	11,800/12,000	10,500/10,800
PTAC12H150A*	11,800/12,000	PTHP12H150A*	11,800/12,000	10,500/10,800
PTAC15H130A*	14,500/14,700	PTHP15H130A*	14,500/14,700	13,200/13,500
PTAC15H150A*	14,500/14,700	PTHP15H150A*	14,500/14,700	13,200/13,500

208/230V-1-60

Electric heat standard: 7,000 BTUH models have 2kW electric heat and 9,000 BTUH models have 3kW electric heat; 12,000 & 15,000 BTUH models come with 3kW or 5kW heat.

*Available in Seacoast

12,000 and 15,000 BTUH models now available with corrosion resistant seacoast coating on components. To order, add "SC" to part number.

24

Digital controls and temperature limiting for guest comfort and efficiency. All models include electric heat as standard. With built-in condensate management system and freeze protection.



GEOHERMAL/WATER SOURCE EQUIPMENT

ME Series / GeoLogix™ with Two-Way Communicating Controls

Model	Capacity Modulation	Specs for Groundwater Installation		EER	COP
		Cooling	Heating		
ME024	Full	28,600	23,400	26.2	5
	Part	20,200	17,100	36.2	5.7
ME036	Full	41,000	35,700	24.4	4.9
	Part	30,200	25,800	35.3	5.6
ME048	Full	54,600	49,100	26	4.5
	Part	41,000	33,700	41.8	5.3
ME060	Full	66,800	55,700	24.7	4.7
	Part	48,000	35,900	32.9	4.8
ME072	Full	77,000	67,400	22.4	4.4
	Part	61,400	48,000	34.8	4.5

BTUH Ratings: Cooling at 59°F entering water temp; heating at 50°F entering water temperature.

DMX2 digital controller uses information from sensors to customize the operation for optimal efficiency. Operational data is displayed in plain English on communicating thermostat or optional diagnostic tool. ME models work for open loop, closed loop residential applications. Features two stage compressor, variable speed flow technology, ECM blower motor.



208/230-1-60
2 to 6 Tons



MJ Series / GeoLogix™ Plus Two Stage Geothermal Heat Pump (Split)

MJ ISO Ratings (Part Load)

Model	Motor Type	Ground Water Heat Pump			
		Cooling		Heating	
		Capacity	EER	Capacity	COP
MJ024	EC	18,100	28.5	16,400	4.8
MJ036	EC	29,500	30.4	24,000	4.6
MJ048	EC	38,100	29.0	31,300	4.6
MJ060	EC	46,500	25.8	38,900	4.4

Exceptional efficiency with full/part load shifting and two-stage scroll compressor. Features micro-processor controls, quiet operation and performance monitoring system.

Cabinets can be stacked for multi-unit installations.

MJ ISO Ratings (Full Load)

Model	Motor Type	Ground Water Heat Pump			
		Cooling		Heating	
		Capacity	EER	Capacity	COP
MJ024	EC	24,700	23.6	22,800	4.6
MJ036	EC	41,000	23.6	33,200	4.4
MJ048	EC	51,100	21.0	46,800	4.2
MJ060	EC	63,900	20.3	56,200	4.2



208/230-1-60
2 to 5 Tons



Model	Capacity Modulation	Specs for Groundwater Installation		EER	COP
		Cooling	Heating		
MZ024	Full	27,000	23,500	24.1	4.7
	Part	20,000	16,600	29.7	4.8
MZ030	Full	32,900	28,700	21.7	4.1
	Part	24,700	20,800	26.4	4.4
MZ036	Full	39,300	36,300	20.2	4.2
	Part	29,900	25,700	26	4.4
MZ042	Full	47,500	41,000	22.8	4.2
	Part	36,000	29,800	28.5	4.5
MZ048	Full	52,000	45,000	22.9	4.3
	Part	38,500	31,800	28.5	4.5
MZ060	Full	65,000	55,700	22.8	4.4
	Part	47,000	38,500	29	4.7

BTUH Ratings: Cooling at 59°F entering water temperature; heating at 50°F entering water temperature.

GeoLogix™ MZ Series / Heat Pump

Efficient, compact two stage heat pump with ECM blower motor, integrated digital communication controls, and scroll compressor. Large filter improves indoor air quality.

Available in vertical or horizontal cabinet.

208/230-1-60



MA Series / Air Handlers for Geo Split Systems

Model		Ground Water Heat Pump			
		Cooling		Heating	
		Capacity	EER	Capacity	COP
MAN024AJAANNVNS	Partial Load	18,400	30.1	16,300	5.0
	Full Load	24,700	25.2	22,500	4.8
MAN036AJAANNVNS	Partial Load	30,200	31.2	24,000	4.7
	Full Load	41,800	25.0	33,700	4.7
MAN048AJAANNVNS	Partial Load	38,500	31.3	31,500	4.6
	Full Load	51,900	22.2	46,000	4.4
MAN060AJAANNVNS	Partial Load	47,400	28.7	38,200	4.5
	Full Load	65,000	22.9	55,100	4.3

BTUH Ratings: cooling at 59°F entering water temperature; heating at 50°F entering water temperature.

Electric heater kits available in 240V/208V, 2.9 to 14.4kW. Heater mounts internally in units; control board activates elements via internally wired low voltage harness.

Capacity - Size		Air Handler		
		Width	Depth	Height
MAN024AJAANNVNS	in	18.5	22.0	44.0
	cm	47.0	55.9	111.8
MAN036AJAANNVNS	in	22.0	22.0	55.0
	cm	55.9	55.9	139.7
MAN048AJAANNVNS	in	22.0	22.0	55.0
	cm	55.9	55.9	139.7
MAN060AJAANNVNS	in	25.5	22.0	59.0
	cm	64.8	55.9	149.9



Comfort-Circ®



Cased coils are ideal for dual fuel add-on applications. Fully insulated cabinets come with dual right and left hand condensate drain connections. Fully insulated cabinet includes corrosion-proof drain pan, and all aluminum evaporator coil. Equipped with TXV. AHRI certified when matched with MJ split units.



MK Series / Coils for Geo Split Systems

Capacity - Size		Case		
		Width	Depth	Height
MKN024AJ0ANNNOS	in	17.5"	21.6875"	20"
MKN036AJ0BNNNOS	in	21"	21.6875"	28"
MKN048AJ0BNNNOS	in	21"	21.6875"	28"
MKN060AJ0CNNNOS	in	24.5"	21.6875"	32"

MW Series / Water-to-Water Geothermal Systems

Model	Ground Loop Heat Pump			
	Full Cooling 77°F		Full Heating 32°F	
	Capacity	EER	Capacity	COP
MW036	18,100	28.5	16,400	4.8
MW060	29,500	30.4	24,000	4.6
MW120	38,100	29.0	31,300	4.6

For a wide range of residential and industrial applications including radiant floors, ice melting, potable hot water, etc. Units are available for ground water, ground loop and water loop applications. Features include microprocessor controls, scroll compressor, performance monitoring system, and insulated refrigerant circuit.

BTUH Ratings: Cooling at 86°F entering water temperature; heating at 68°F entering water temperature.



visit us online at: www.comfort-air.com

MD Series / Water-Source Console

A ductless solution where space is limited or structural integrity is required. Compact console is efficient and reliable, with microprocessor controls, performance monitoring system, and polyester powder coat finish on galvanized steel cabinet. With extended operating range, units are capable of ground loop as well as water loop (boiler-tower) installations. Installation options include right- or left-hand piping, front or bottom return air.



Model	Motor Type	Water Loop Heat Pump			
		Cooling @ 86°F		Heating @ 68°F	
		Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
MD09	PSC	8,500	13.3	11,400	4.5
	EC	8,600	14.0	11,300	4.6
MD12	PSC	11,300	13.0	14,300	4.5
	EC	11,600	13.5	14,500	4.5
MD15	PSC	13,700	12.9	17,500	4.7
	EC	13,800	13.2	18,000	4.8
MD18	EC	17,000	13.0	23,000	4.2

Specifications for MD Console:

Water Loop installation: Cooling at 86°F WB entering air temperature, heating at 59°F entering air temperature.

Available voltages: 208/230-1-60, 115-1-60, 265-1-60.



MH Series / Vertical Stacks

TESTED TO ASHRAE/AHRI/ISO 13256-1 ENGLISH (I-P) UNITS

Model with ECM Motor	Water Loop Heat Pump				Ground Loop Heat Pump			
	Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
MHM09	9200	14.3	12200	5.4	9700	16.2	7100	3.3
MHM12	11800	14.1	15200	5.3	12100	16.8	9000	3.2
MHM15	14600	15.9	17500	5.3	15500	18.8	11000	3.6
MHM18	18000	15.2	22200	5.1	18500	17.3	13200	3.3
MHM24	25000	15.7	32500	5.1	26500	18.5	18200	3.5
MHM30	28000	15.1	34500	5.0	29000	17.6	22200	3.6
MHM36	35000	14.6	40500	5.0	36000	16.5	25500	3.5



The MH Series vertical stack offers an innovative, labor-saving solution for spaces where individual, quiet control of the heating and cooling system is important. Using R454B refrigerant, the MH Series vertical stack not only protects the environment, it does so while delivering unprecedented comfort, efficiency, and reliability.



Compact units are both energy and space efficient. Ideal for replacements. For boiler/cooling tower applications; multiple units are connected by a water loop with independent control of each zone. Each unit can be operated year-round in heating or cooling mode. Features performance monitoring system and quiet operation. Horizontal units come with factory-installed hanger brackets and field-convertible discharge. Some models with water side economizers.



All units available in right or left return.

Most models 015-060 available with ECM



MC Series / Commercial Water-Source Heat Pumps

Model	Motor Type	Water Loop Performance				Shipping Wt. (lbs)
		Cooling @ 86°F EWT		Heating @ 68°F EWT*		
		BTUH	EER	BTUH	COP	
MC006	PSC	5,900	13.4	8,400	4.8	113
	EC	6,100	15.0	8,300	5.1	113
MC009	PSC	8,500	13.8	11,700	4.4	115
	EC	8,600	14.3	11,600	4.5	115
MC012	PSC	10,500	12.7	14,400	4.5	124
	EC	10,700	13.4	14,400	4.6	124
MC015	PSC	14,500	15.2	16,000	4.8	158
	EC	14,700	16.4	15,900	4.9	158
MC018	PSC	17,900	14.3	21,500	4.9	163
	EC	18,000	15.0	21,500	5.1	163
MC024	PSC	24,700	14.7	28,800	5.0	194
	EC	24,900	15.4	28,500	5.1	194
MC030	PSC	28,800	13.7	35,400	4.6	202
	EC	29,200	14.5	35,000	4.8	202
MC036	PSC	34,800	14.6	43,900	4.6	209
	EC	35,200	15.3	43,500	4.8	209
MC042	PSC	41,100	14.0	49,500	4.6	224
	EC	41,800	15.2	48,500	4.9	224
MC048	PSC	48,000	14.3	57,900	4.7	322
	EC	48,900	15.2	57,500	4.8	322
MC060	PSC	59,400	13.2	70,000	4.4	337
	EC	60,200	14.7	68,000	4.7	337
MC041	PSC	36,000	14.0	43,300	4.3	217

These individual packaged units transfer heat via water loop systems for effective heating and cooling. Our largest capacity units, they feature belt drive blowers and reliable scroll compressors. Power and water connections can be made on either side, and discharge air is field convertible.

Because each unit operates independently of others, they can be zoned for maximum comfort. With their large capacity, this equipment meets the requirements of common areas, gymnasiums, cafeterias and other areas where individual comfort control of a large area is required, and is also ideal for multi-story structures.

The extended range option allows ground water and ground loop installations (requires extended range insulation package.)



MB Horizontal/Vertical Large Series Performance Data

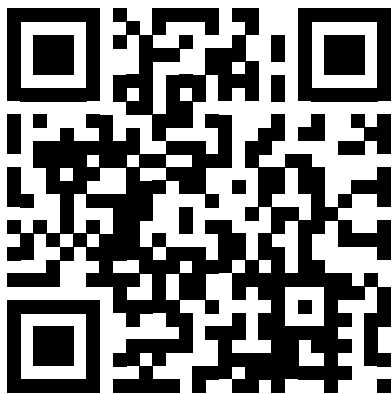
Model	Water Loop Heat Pump			
	Cooling @ 86°F		Heating @ 68°F	
	Capacity BTUH	EER BTUH/W	Capacity BTUH	COP
072	71,000	14.1	92,300	5.3
	72,000	14.5	91,400	5.4
96	101,000	15.3	122,800	5.0
	101,700	15.5	123,000	5.1
120	122,000	13.7	156,000	4.6
	124,000	13.9	156,000	4.7

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NOTES

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"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.