



FRIEDRICH

1883

DUCTLESS
SPLIT SYSTEMS

AjMadison
Your Appliance Authority™

800-570-3355
ALL NEW LINE
FOR 2014



THE EXPERTS IN ROOM AIR CONDITIONING

The Next Generation of Ductless Split Systems

Three indoor unit types.



WALL-MOUNTED

Cool only and heat pump models



Friedrich's highest energy efficiencies ever. Up to 25.0 SEER

All of the advantages of ductless systems and Friedrich quality.

ENERGY STAR® models

All Friedrich ductless models exceed the federal 13.0 SEER requirements.

Of the 146 total possible single and multizone configurations, 102 models meet ENERGY STAR® published minimums with SEERS up to 25.0 and EERs up to 14.0.

Inverter variable capacity advantages

Inverter technology allows each system to adjust capacity and cooling output to provide only the amount of cooling needed at a given time. For example, an 18000 Btu system will operate even more efficiently at 15500 Btu or less if that's all that's needed, reducing energy consumption and improving comfort.

Optimized airflow

The indoor unit's 4-way air swing quickly disperses cool air to all four corners of the room to provide comfort throughout the room within a few minutes. The 'Air Burst' feature moves air at an even higher speed for rapid cooling.

Zero duct loss

The DOE reports that ducted systems lose an average of 25-40% in performance due to leaks, cracks or disconnections in ductwork.

No ductwork means that ductless systems do not experience duct loss, saving energy and money.

Zone cooling flexibility

Independently condition up to (4) separate zones using only a single outdoor unit. Achieve the ultimate in comfort and energy control by cooling or heating only the zones that are in use. And, because each zone is independent of the others, comfort settings can vary.

No dirty air ducts*

Now there's no need to clean dirty air ducts that can harbor dust, germs and allergens that are eventually blown into your home or office.


DIAMONGOLD
Advanced Corrosion Protection™



Protects the outdoor coil against deterioration and extends the life of the unit especially in harsh coastal environments.

*Ductless wall-mounted and ceiling cassette models



CEILING CASSETTE
Heat pumps



CONCEALED DUCT
Heat pumps

Friedrich has up to 131 multizone configurations utilizing wall-mounted, ceiling cassette and concealed duct models.

Zone Cooling and Heating

Occupants have the ability to set the temperature of each zone to their preferred comfort level. The system will run as needed to maintain desired temperature.

Occupants may also turn off units in unoccupied rooms without affecting other zones.

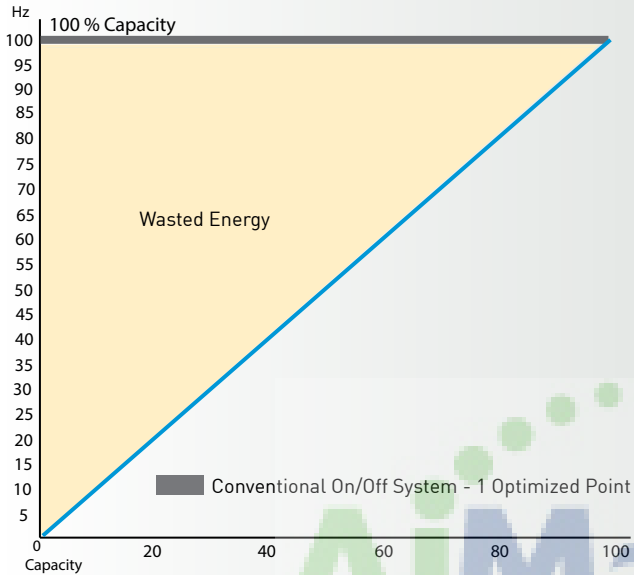
That's the beauty- and efficiency of a Friedrich multizone system.

Enjoy the flexibility to mix and match wall-mounted, ceiling cassette and concealed duct systems to fit your application.

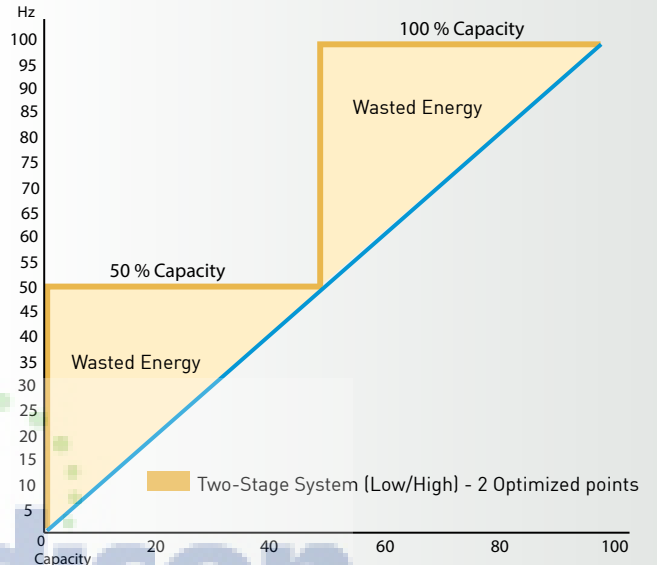


No other system matches the efficiency and performance of Friedrich's Precision Inverter™

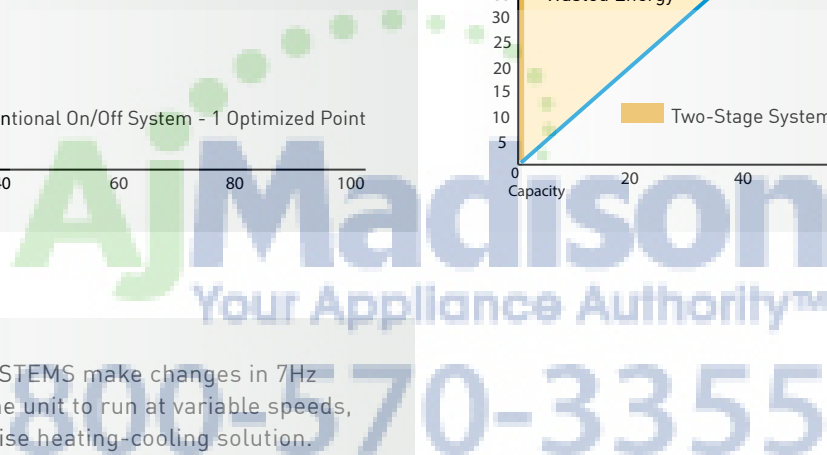
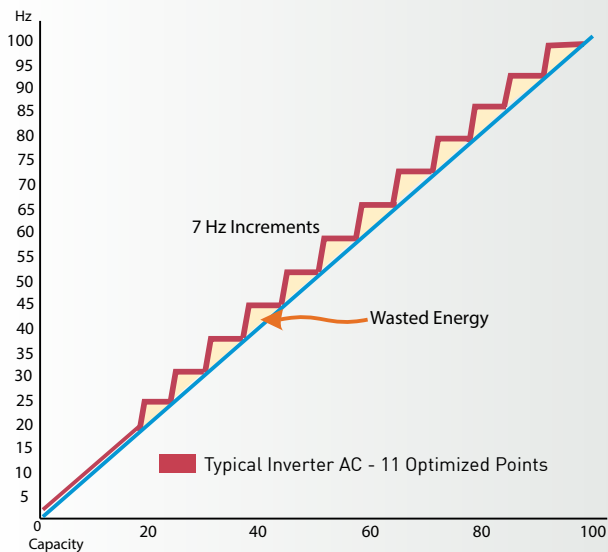
CONVENTIONAL SYSTEMS run at a single capacity, turning on and off to reach the desired set point. This means they run at full speed each time, resulting in high energy consumption.



TWO-STAGE AIR CONDITIONERS won't significantly reduce your energy use. These units only run at 2 speeds, 50% and 100%, also resulting in high energy consumption.



TYPICAL INVERTER SYSTEMS make changes in 7Hz increments allowing the unit to run at variable speeds, delivering a more precise heating-cooling solution.



Friedrich's Precision Inverter™ accomplishes better energy efficiency by using 1Hz increments.

This allows the unit to produce only the output necessary to reach the desired temperature. The result is optimal performance and increased energy efficiency.

Inverter technology varies the compressor, the outdoor and the indoor fan speeds, eliminating constant compressor start-ups/shut-downs that traditional systems require to maintain the set temperature.

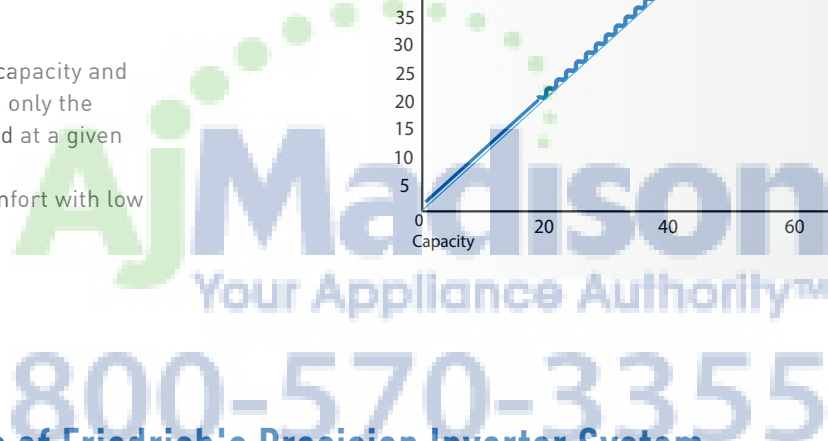
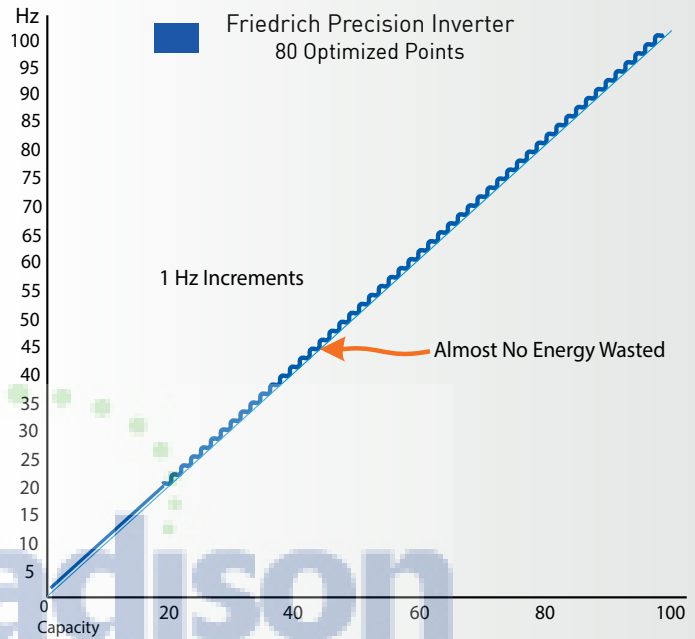
This is especially beneficial in multizone systems where room temperature set points vary and some indoor units may be turned off in unoccupied rooms.



Each system can adjust capacity and cooling output to provide only the amount of cooling needed at a given time.

The result is optimal comfort with low energy costs.

The result is optimal comfort with low energy costs.



The Advantages of Friedrich's Precision Inverter System

| TRADITIONAL SYSTEM | INVERTER SYSTEM |
|--|--|
| At initial start up, fixed capacity system slowly reaches the set temperature. | At initial start up, utilizes variable capacity to quickly reach the set temperature. |
| Complete shutdown once set temperature is achieved. | Reduces capacity as set temperature is achieved. |
| Temperature within the space rises until 2nd system start up. | Variable capacity maintains set temperature keeping space comfortable with reduced energy consumption. |
| System works at full capacity to again reach set temperature. | |
| System cycles on and off continually to maintain the set temperature. | |

Attractive and high efficiency options for cooling and heating residential and light commercial spaces.



Wall-mounted models mount high on the wall.

The attractive, neutral finish blends well with just about any decor.



800-570-3355

Residential Applications

- Room additions/renovations
- Homes without ductwork
- Bedrooms and family rooms
- Garage workshops
- Sunrooms
- Guest quarters
- Wine cellars

Commercial Applications

- Hotels and other lodging
- Computer rooms/server rooms
- Restaurant kitchen and prep areas
- Offices in warehouse spaces
- Storage facilities
- Buildings where security concerns prevent the use of window units
- Internal areas without exterior wall access

AjMadison
Your Appliance Authority™

800-570-3355



Indoor units can be used individually or as part of a multizone system to condition multiple spaces or a large area.

Features you'll find with Friedrich Ductless Systems:

| System Type | Wall-mounted Single Zone | Wall-mounted Multizone | Cassette Single Zone | Cassette Multizone | Concealed Duct Single Zone | Concealed Duct Multizone |
|---|--------------------------|------------------------|----------------------|--------------------|----------------------------|--------------------------|
| Installation | Wall | Wall | Ceiling | Ceiling | Ceiling | Ceiling |
| Cool only | Y | N | N | N | N | N |
| Heat pump | Y | Y | Y | Y | Y | Y |
| 115 volt models | Y | N | N | N | N | N |
| Inverter compressor | Y | Y | Y | Y | Y | Y |
| SEER | Up to 25.0 | Up to 21.7 | Up to 19 | Up to 16.5 | Up to 17.6 | Up to 16.5 |
| Auto changeover | Y | N | Y | N | Y | N |
| Low ambient operation* | Y | Y | Y | Y | Y | Y |
| 24- Hr. Programmable timer | Y | Y | Y | Y | N | N |
| Remote control | Y | Y | Y | Y | N | N |
| Wall controller option | Y | Y | Y | Y | Y | Y |
| 7-Day Programmability (with wall control) | Y | Y | Y | Y | Y | Y |
| Auto restart when power is interrupted | Y | Y | Y | Y | Y | Y |
| Continuous 'Air Sweep" | Y | Y | Y | Y | N | N |
| Washable, antimicrobial air filters | Y | Y | Y | Y | Y | Y |
| Auto shut flaps when unit is off | Y | Y | Y | Y | N | N |
| Louver Position (Fan/Cool/Heat) | 6 / 6 / 6 | 6 / 6 / 6 | 4 / 5 / 4 | 4 / 5 / 4 | N | N |

*Refer to specification tables for low ambient capabilities.

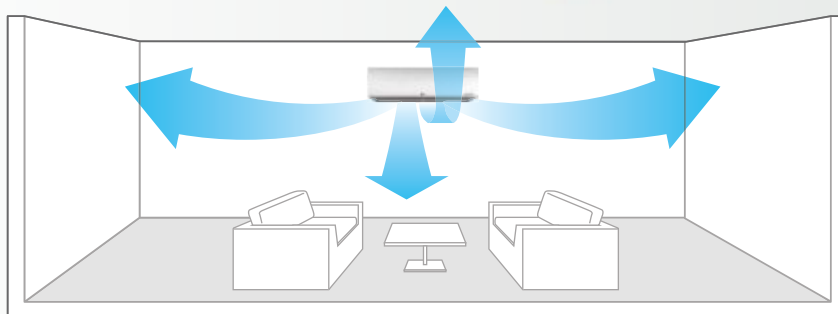
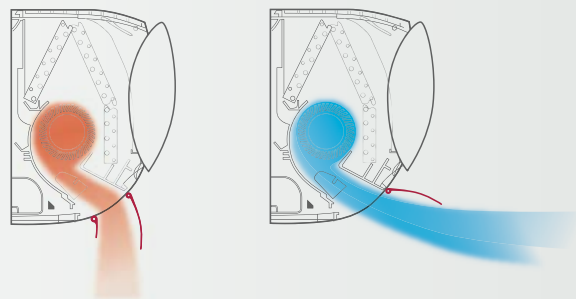
Powerful airflow for faster heating and cooling.

Optimum air flow

Air is directed downward in heating mode and angled upward during cooling mode so the room feels more comfortable, faster.

Large fans

Powerful fans move the air across the room-up to 39 feet away. That means faster cooling and heating and you feel comfortable sooner no matter where you are in the room.



Features you'll find with Friedrich Ductless Systems:

DiamonGold Advanced Corrosion Protection™

Protects the outdoor coil against deterioration and extends the life of the unit especially in harsh coastal environments.

Auto dry

Indoor blower runs to dry out indoor coil after system is shutdown.

Surge cool/heat

Allows quick cooling/heating. In this mode the unit will operate at 100% for 30 minutes to cool/heat the room rapidly.

Dehumidifying mode

The system will adjust set point for maximum dehumidification.

Auto restart

Auto restart function allows system to resume with previous settings in the event of a power shutdown. (Power supply must be restored)

Auto changeover

When this function is selected system will adjust between Cooling and Heating mode based on room temperature

Built-in low ambient standard

Allows unit's operation down to 14°F in cooling mode.

4-Way auto swing

Louvers will automatically move up/down and left /right to maintain a uniform room temperature.

Friedrich's ductless line incorporates a cross-flow fan and a low vibration compressor to provide ultra quiet operation.

800-570-3355

Ultra quiet cross-flow fan

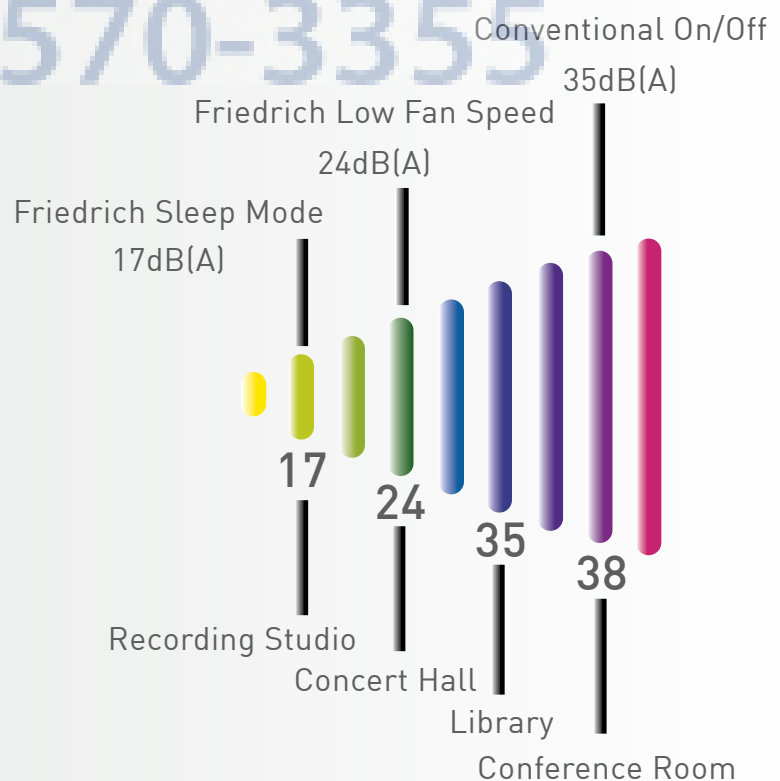
The cross-flow design of the indoor fan creates an ultra quiet, yet powerful air flow into the room.

Low vibration, twin-rotary compressor

Friedrich's twin-rotary compressor has a unique design that reduces vibration for reduced sound levels outdoors.

BLDC fan motor

With accurate speed control that makes the electrical and mechanical operation smoother.



EASE OF INSTALLATION

New ductless line with convenient installation features that will get your ductless running in no time.

UNIQUE MOUNTING BRACKET

16" on Center

The hanging bracket comes with a set of holes that are placed 16" apart from each other to help you attach the bracket securely to "16 on center" wall studs.

Level-Line Ledges

Incorporated "Level-Line Ledges" ensure a straight wall mount and frees both hands for an easy single-person installation.

Tape Measure Assist

The integrated "blade grip" securely keeps measuring tape in place. The "blade grip" gives you a helping hand when installing the bracket to the wall.

A SET OF
16 INCH ON CENTER HOLES



Wall Standoff Bracket

The clip keeps sufficient space between the unit and the wall creating more room for installation.

Spacious Tubing Area

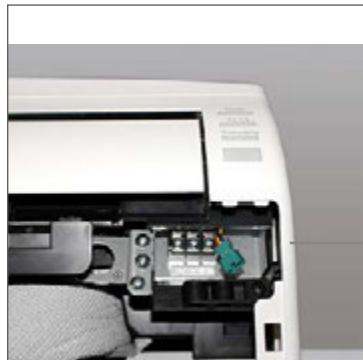
Ample space was created to facilitate tubing installation and placement.

Low Installation Access Panel

By lowering the access panel to eye-level we have created a hassle-free access to electrical connections.

Secure Grip Screws

"Grip Screws" firmly secure wall-mounted unit to wall bracket providing a stable setup.



AjMadison
Your Appliance Authority™
800-570-3355

OPTIONAL ACCESSORIES

Refrigeration Line Sets

| USED WITH | Length Ft. | Liquid | Suction | Kit# |
|---|------------|--------|---------|--------|
| 9000 and 12000 Btu indoor units | 15' | 1/4" | 3/8" | T32150 |
| | 35' | 1/4" | 3/8" | T32350 |
| 18000 BTU indoor units | 15' | 1/4" | 1/2" | T42150 |
| | 35' | 1/4" | 1/2" | T42350 |
| 24000, 30000 and 36000 Btu indoor units | 15' | 3/8" | 5/8" | T53150 |
| | 35' | 3/8" | 5/8" | T53350 |

Low Ambient Wind Baffle Kit

Wind baffle allows operation down to 0 degrees Fahrenheit
(Available for Wall-Mounted Single Zone)

| WIND BAFFLE | USED WITH |
|-------------|---|
| DLAWB1 | 9000 - 12000 Btu wall-mounted single zone models |
| DLAWB2 | 18000 - 36000 Btu wall-mounted single zone models |



Thermostat

DWC1-Wired Wall Thermostat (Available for all models)



Ceiling Cassette Grilles

Required decorative grille for ceiling cassette models

| DECORATIVE GRILLE | USED WITH |
|-------------------|---|
| DCG1218 | MC12Y3JM, MC18Y3JM - 12000 and 18000 Btu models |
| DCG2436 | MC24Y3J, MC36Y3J- 24000 and 36000 Btu models |



Friedrich's Ductless Split systems are compatible with aftermarket drain pumps and condensate sensors.

For more information visit the following sites:

Condensate Pumps

Rectorseal/Aspen Pumps: <http://airtec.rectorseal.com/pumpselector>.

Condensate Sensors

Rectorseal, Safe-T-Switch® SS610E: www.rectorseal.com

Aqua guard, AG-9300-U: www.rctus.com/product

Adapter

Adapter part number 67270018 is available through Friedrich parts distributors.

All R410A models have 1/2"-20 UNF (5/16" SAE) X 1/4" SAE thread per inch charging and vacuuming ports.

An adapter must be used for 1/4" gauges.



Single Zone

WALL-MOUNTED COOL ONLY

9000-24000 Btu. Cool only models with features for convenient operation, care-free comfort and years of dependability.

Features

- Inverter technology (variable speed compressor)
- High efficiency for low operating cost
- DiamonGold Advanced Corrosion Protection™
- Auto dry indoor coil
- Cooling/Fan mode
- Surge cool
- Natural air flow
- 4-Way auto swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-hour on-off timer
- Condensate sensor connection
- Multiple ease of installation features (see p.10)

AjMadison
Your Appliance Authority™

800-570-3355



MW09C1J, MW12C1J



MW18C3J, MW24C3J



MR09C1J, MR12C1J



MR18C3J



MR24C3J


DIAMONGOLD
Advanced Corrosion Protection™

5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

**PRECISION
INVERTER™**

SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Wall Mounted - Cool Inv | | | |
|---------------------------------|-----------|--------------------------------|---------------------------|-------------------------|---------------------------|
| | | 9k | 12k | 18k | 24k |
| SYSTEM MODEL NO. | | M09CJ | M12CJ | M18CJ | M24CJ |
| INDOOR MODEL | | MW09C1J | MW12C1J | MW18C3J | MW24C3J |
| OUTDOOR MODEL | | MR09C1J | MR12C1J | MR18C3J | MR24C3J |
| SPECIFICATIONS | | | | | |
| CAPACITY COOLING (RATED) | Btu | 9,000 | 11,200 | 17,000 | 22,000 |
| CAPACITY COOLING (MIN-MAX) | Btu | 3,070~12,120 | 3,070~13,660 | 3,070~20,470 | 3,070~26,270 |
| CAPACITY HEATING (RATED) | Btu | N/A | N/A | N/A | N/A |
| CAPACITY HEATING (MIN-MAX) | Btu | N/A | N/A | N/A | N/A |
| COOLING AMPS | | 6 | 8.4 | 7 | 8.7 |
| HEATING AMPS | | N/A | N/A | N/A | N/A |
| SENSIBLE HEAT RATIO | | .89 | .83 | .79 | .81 |
| SEER | | 21.5 | 21.5 | 18.0 | 20.0 |
| EER | | 13.3 | 12.5 | 12.0 | 10.8 |
| HSPF | | N/A | N/A | N/A | N/A |
| ENERGY STAR | | YES | YES | YES | No |
| MOISTURE REMOVAL | Pts/h | 2.6 | 3.0 | 5.3 | 6.0 |
| AIRFLOW (QUIET, LOW, MED, HIGH) | CFM | 124/212/272/335 | 124/212/272/335 | 300/399/509/622 | 300/424/629/742 |
| SOUND RATING - INDOOR | dB-A | 19 / 24 / 33 / 38 | 19 / 24 / 33 / 39 | 29 / 35 / 40 / 45 | 29 / 35 / 40 / 46 |
| SOUND RATING - OUTDOOR | dB-A | 45 | 45 | 53 | 54 |
| OPERATING RANGE WIND BAFFLE) | °F | 14(0)~118 | 14(0)~118 | 14(0)~118 | 14(0)~118 |
| OPERATING RANGE (HEATING) | °F | N/A | N/A | N/A | N/A |
| EST. YEARLY OPERATING COST | \$ | 61 | 81 | 127 | 183 |
| ELECTRICAL DATA | | | | | |
| POWER SOURCE | V | 115/60/1 | 115/60/1 | 208/230/60/1 | 208/230/60/1 |
| MINIMUM AMPACITY | A | 12 | 12 | 19 | 19 |
| COOLING WATTS | W | 677 | 896 | 1416 | 2037 |
| MAX. TD FUSE/BREAKER | A | 20 | 20 | 25 | 25 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 | 4 x 18 | 4 x 18 | 4 x 18 |
| REFRIGERATION SYSTEM | | | | | |
| REFRIGERANT | | R410A | R410A | R410A | R410A |
| COMPRESSOR TYPE | | Inverter | Inverter | Inverter | Inverter |
| CONNECTIONS | | Flare | Flare | Flare | Flare |
| LIQUID LINE O.D. | in | 1/4 | 1/4 | 1/4 | 3/8 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 | 1/2 | 5/8 |
| FACTORY PRECHARGE | ft | 41 | 41 | 25 | 25 |
| REFRIGERANT CHARGE | oz | 36 | 36 | 48 | 64 |
| MIN./MAX. LINE LENGTH | ft | 7~66 | 7~66 | 10~66 | 10~98 |
| MAX. HEIGHT DIFFERENCE | ft | 33 | 33 | 33 | 49 |
| DIMENSIONS & WEIGHT | | | | | |
| INDOOR UNIT | | | | | |
| W X H X D | in | 35-1/4x 11-1/4x 8-5/16 | 35-1/4x 11-1/4x 8-5/16 | 40-5/8x 12-7/8x 9-5/8 | 40-5/8x 12-7/8x 9-5/8 |
| NET WEIGHT | lbs | 23 | 23 | 31 | 32 |
| SHIPPING WEIGHT | lbs | 27 | 27 | 35 | 37 |
| OUTDOOR UNIT | | | | | |
| W X H X D | in | 30-5/16x 21-5/16x 11-5/16 | 30-5/16x 21-5/16x 11-5/16 | 34-5/16x 25-7/8x 12-5/8 | 34-5/16 x 31-1/2 x 12-5/8 |
| NET WEIGHT | lbs | 75 | 75 | 108 | 122 |
| SHIPPING WEIGHT | lbs | 79 | 79 | 115 | 130 |
| TOTAL NET WEIGHT | lbs | 97 | 97 | 139 | 154 |
| TOTAL SHIPPING WEIGHT | lbs | 106 | 106 | 150 | 167 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Single Zone

25.0 SEER WALL-MOUNTED HEAT PUMP

12000 Btu. Our most efficient unit ever! Features for comfort and convenience year 'round. In heating mode, unit efficiently heats by using approximately 1/4 of the energy required by electric heat.

Features

- Inverter technology (variable speed compressor)
- High efficiency for low operating cost
- DiamonGold Advanced Corrosion Protection™
- Auto dry indoor coil
- Surge Cool/Heat
- Natural air flow
- Ultra quiet operation
- Sleep mode
- Auto restart
- Auto changeover
- BLDC Motor
- Low ambient operation down to 14°F (Cooling Mode)
- 24-hour on-off timer
- ENERGY STAR® qualified model
- Hidden display (only visible during operation)
- Multiple ease of installation features (see p.10)



AjMadison
Your Appliance Authority™
800-570-3355



MWH12Y3J



MRH12Y3J


DIAMONGOLD
Advanced Corrosion Protection™

5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

**PRECISION
INVERTER™**

SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Wall Mounted - H/P Inv (High SEER) |
|---------------------------------|-----------|---|
| | | 12k |
| SYSTEM MODEL NO. | | HM12YJ |
| INDOOR MODEL | | MWH12Y3J |
| OUTDOOR MODEL | | MRH12Y3J |
| SPECIFICATIONS | | |
| CAPACITY COOLING (RATED) | Btu | 12,000 |
| CAPACITY COOLING (MIN-MAX) | Btu | 3070~14660 |
| CAPACITY HEATING@47°F (RATED) | Btu | 13,600 |
| CAPACITY HEATING (MIN-MAX) | Btu | 3070~20470 |
| COOLING AMPS | | 3.8 |
| HEATING AMPS | | 4.3 |
| SENSIBLE HEAT RATIO | | .84 |
| SEER | | 25.0 |
| EER | | 14.0 |
| HSPF | | 11.0 |
| ENERGY STAR | | Yes (Most Efficient) |
| MOISTURE REMOVAL | Pts/h | 1.7 |
| AIRFLOW (QUIET, LOW, MED, HIGH) | CFM | 177 / 283 / 417 / 494 |
| SOUND RATING - INDOOR | dB-A | 17 / 25 / 36 / 42 |
| SOUND RATING - OUTDOOR | dB-A | 51 |
| OPERATING RANGE (COOLING) | °F | 14~118 |
| OPERATING RANGE (HEATING) | °F | 14~75 |
| EST. YEARLY OPERATING COST | \$ | 77 |
| ELECTRICAL DATA | | |
| POWER SOURCE | V | 208/230/60/1 |
| MINIMUM AMPACITY | A | 10 |
| COOLING WATTS | W | 857 |
| HEATING WATTS | W | 960 |
| MAX. TD FUSE/BREAKER | A | 15 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 |
| REFRIGERATION SYSTEM | | |
| REFRIGERANT | | R410A |
| COMPRESSOR TYPE | | Twin Rotary |
| CONNECTIONS | | Flare |
| LIQUID LINE O.D. | in | 1/4 |
| SUCTION LINE O.D. | in | 3/8 |
| FACTORY PRECHARGE | ft | 25 |
| REFRIGERANT CHARGE | oz | 44 |
| MIN./MAX. LINE LENGTH | ft | 10~49 |
| MAX. HEIGHT DIFFERENCE | ft | 23 |
| DIMENSIONS & WEIGHT | | |
| INDOOR UNIT | | |
| W X H X D | in | 34-7/16 x 11-5/8 x 9-1/4 |
| NET WEIGHT | lbs | 25 |
| SHIPPING WEIGHT | lbs | 29 |
| OUTDOOR UNIT | | |
| W X H X D | in | 34-5/16 x 25-7/8 x 12-5/8 |
| NET WEIGHT | lbs | 95 |
| SHIPPING WEIGHT | lbs | 100 |
| TOTAL NET WEIGHT | lbs | 119 |
| TOTAL SHIPPING WEIGHT | lbs | 128 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Single Zone

WALL-MOUNTED HEAT PUMPS

9000-18000 Btu. Features for comfort and convenience year 'round. In heating mode, units efficiently heat by using approximately 1/4 of the energy required by electric heat.

Features

- Inverter technology (variable speed compressor)
- High efficiency for low operating cost
- DiamonGold Advanced Corrosion Protection™
- Auto dry indoor coil
- Cooling/Heating/Fan mode
- Surge Cool/Heat
- Natural air flow
- 4-Way auto swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-hour on-off timer
- Condensate sensor connection
- Multiple ease of installation features (see p.10)

AjMadison
Your Appliance Authority™
800-570-3355



MW09Y3J, MW12Y3J



MW18Y3J



MR09Y3J, MR12Y3J



MR18Y3J


DIAMONGOLD
Advanced Corrosion Protection™

5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

**PRECISION
INVERTER™**

SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Wall Mounted - H/P Inv | | |
|--|-----------|-------------------------------|-------------------------|-------------------------|
| | | 9k | 12k | 18k |
| SYSTEM MODEL NO. | | M09YJ | M12YJ | M18YJ |
| INDOOR MODEL | | MW09Y3J | MW12Y3J | MW18Y3J |
| OUTDOOR MODEL | | MR09Y3J | MR12Y3J | MR18Y3J |
| SPECIFICATIONS | | | | |
| CAPACITY COOLING (RATED) | Btu | 9,000 | 11,200 | 17,000 |
| CAPACITY COOLING (MIN-MAX) | Btu | 3,070~12,620 | 3,070~14,660 | 3,070~20,470 |
| CAPACITY HEATING @47°F (RATED) | Btu | 10,800 | 13,300 | 20,200 |
| CAPACITY HEATING (MIN-MAX) | Btu | 3,070~17,060 | 3,070~20,470 | 3,070~30,700 |
| COOLING AMPS | | 3 | 4.2 | 7 |
| HEATING AMPS | | 3.7 | 4.9 | 7.8 |
| SENSIBLE HEAT RATIO | | .88 | .81 | .78 |
| SEER | | 21.5 | 21.5 | 18.0 |
| EER | | 13.3 | 12.5 | 12.0 |
| HSPF | | 11.0 | 11.0 | 9.7 |
| ENERGY STAR | | YES | YES | YES |
| MOISTURE REMOVAL | Pts/h | 2.6 | 3.0 | 5.3 |
| AIRFLOW (QUIET, LOW, MED, HIGH) | CFM | 124/212/272/335 | 124/212/272/335 | 300/399/509/622 |
| SOUND RATING - INDOOR | dB-A | 19 / 24 / 33 / 38 | 19 / 24 / 33 / 39 | 29 / 35 / 40 / 45 |
| SOUND RATING - OUTDOOR | dB-A | 45 | 45 | 53 |
| OPERATING RANGE (COOLING)(WIND BAFFLE) | °F | 14(0)~118 | 14(0)~118 | 14(0)~118 |
| OPERATING RANGE (HEATING) | °F | -4~75 | -4~75 | -4~75 |
| EST. YEARLY OPERATING COST | \$ | 61 | 81 | 127 |
| ELECTRICAL DATA | | | | |
| POWER SOURCE | V | 208/230/60/1 | 208/230/60/1 | 230/208/60/1 |
| MINIMUM AMPACITY | A | 10 | 10 | 19 |
| COOLING WATTS | W | 677 | 896 | 1416 |
| MAX. TD FUSE/BREAKER | A | 15 | 15 | 20 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 | 4 x 18 | 4 x 18 |
| REFRIGERATION SYSTEM | | | | |
| REFRIGERANT | | R410A | R410A | R410A |
| COMPRESSOR TYPE | | Inverter | Inverter | Inverter |
| CONNECTIONS | | Flare | Flare | Flare |
| LIQUID LINE O.D. | in | 1/4 | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 | 1/2 |
| FACTORY PRECHARGE | ft | 41 | 41 | 25 |
| REFRIGERANT CHARGE | oz | 36 | 36 | 48 |
| MIN./MAX. LINE LENGTH | ft | 7~66 | 7~66 | 10~66 |
| MAX. HEIGHT DIFFERENCE | ft | 33 | 33 | 33 |
| DIMENSIONS & WEIGHT | | | | |
| INDOOR UNIT | | | | |
| W X H X D | in | 35-1/4 x11-1/4 x8-1/4 | 35-1/4 x11-1/4 x8-1/4 | 40-5/8 x 12-7/8 x 9-5/8 |
| NET WEIGHT | lbs | 23 | 23 | 31 |
| SHIPPING WEIGHT | lbs | 27 | 27 | 36 |
| OUTDOOR UNIT | | | | |
| W X H X D | in | 30-5/16x21-5/16x11-5/16 | 30-5/16x21-5/16x11-5/16 | 34-5/16x25-7/8x12-5/8 |
| NET WEIGHT | lbs | 75 | 75 | 108 |
| SHIPPING WEIGHT | lbs | 79 | 79 | 115 |
| TOTAL NET WEIGHT | lbs | 98 | 98 | 139 |
| TOTAL SHIPPING WEIGHT | lbs | 107 | 107 | 150 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Single Zone

WALL-MOUNTED HEAT PUMPS

24000-36000 Btu. Extensive features for comfort and convenience year 'round. In heating mode, units efficiently heat by using approximately 1/4 of the energy required by electric heat.

Features

- Inverter technology (variable speed compressor)
- High efficiency for low operating cost
- DiamonGold Advanced Corrosion Protection™
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Surge Cool/Heat
- Natural air flow
- 4-Way auto swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-hour on-off timer
- Condensate sensor connection
- Multiple ease of installation features [see p.10]



MW24Y3J, MW30Y3J, MW36Y3J



MR24Y3J, MR30Y3J, MR36Y3J


DIAMONGOLD
Advanced Corrosion Protection™

5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

**PRECISION
INVERTER™**

SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Wall Mounted - H/P Inv | | |
|--|-----------|-------------------------------|---------------------------|---------------------------|
| | | 24k | 30k | 36k |
| SYSTEM MODEL NO. | | M24YJ | M30YJ | M36YJ |
| INDOOR MODEL | | MW24Y3J | MW30Y3J | MW36Y3J |
| OUTDOOR MODEL | | MR24Y3J | MR30Y3J | MR36Y3J |
| SPECIFICATIONS | | | | |
| CAPACITY COOLING (RATED) | Btu | 22,000 | 30,000 | 33,000 |
| CAPACITY COOLING (MIN~MAX) | Btu | 3,070~30,030 | 3,070~34,000 | 3,070~34,000 |
| CAPACITY HEATING @17°F (RATED) | Btu | 27,600 | 32,000 | 35,200 |
| CAPACITY HEATING (MIN~MAX) | Btu | 3,070~38,898 | 3,070~38,900 | 3,070~38,900 |
| COOLING AMPS | | 7.9 | 13.4 | 17.0 |
| HEATING AMPS | | 10.7 | 13.9 | 16.2 |
| SENSIBLE HEAT RATIO | | .66 | .61 | .67 |
| SEER | | 21.0 | 18.5 | 16.5 |
| EER | | 12.5 | 10.0 | 8.2 |
| HSPF | | 11.0 | 10.0 | 10.0 |
| ENERGY STAR | | YES | No | No |
| MOISTURE REMOVAL | Pts/h | 6.8 | 10.7 | 10.7 |
| AIRFLOW (QUIET, LOW, MED, HIGH) | CFM | 300/389/512/600 | 459/530/706/848 | 459/530/706/848 |
| SOUND RATING - INDOOR | dB-A | 33 / 39 / 43 / 46 | 33 / 39 / 44 / 49 | 37 / 40 / 44 / 49 |
| SOUND RATING - OUTDOOR | dB-A | 54 | 55 | 55 |
| OPERATING RANGE (COOLING)(WIND BAFFLE) | °F | 14(0)~118 | 14(0)~118 | 14(0)~118 |
| OPERATING RANGE (HEATING) | °F | -4~75 | -4~75 | -4~75 |
| EST. YEARLY OPERATING COST | \$ | 158 | 270 | 395 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 | 4 x 18 | 4 x 18 |
| ELECTRICAL DATA | | | | |
| POWER SOURCE | V | 208/230/60/1 | 208/230/60/1 | 230/208/60/1 |
| MINIMUM AMPACITY | A | 19 | 19 | 19 |
| COOLING WATTS | W | 1760 | 3000 | 4024 |
| MAX. TD FUSE/BREAKER | A | 25 | 25 | 25 |
| REFRIGERATION SYSTEM | | | | |
| REFRIGERANT | | R410A | R410A | R410A |
| COMPRESSOR TYPE | | Inverter | Inverter | Inverter |
| CONNECTIONS | | Flare | Flare | Flare |
| LIQUID LINE O.D. | in | 3/8 | 3/8 | 3/8 |
| SUCTION LINE O.D. | in | 5/8 | 5/8 | 5/8 |
| FACTORY PRECHARGE | ft | 25 | 25 | 25 |
| REFRIGERANT CHARGE | oz | 78 | 78 | 78 |
| MIN./MAX. LINE LENGTH | ft | 10~164 | 10~164 | 10~164 |
| MAX. HEIGHT DIFFERENCE | ft | 98 | 98 | 98 |
| DIMENSIONS & WEIGHT | | | | |
| INDOOR UNIT | | | | |
| W X H X D | in | 46-7/8 x 13-5/8 x 10-3/8 | 46-7/8 x 13-5/8 x 10-3/8 | 46-7/8 x 13-5/8 x 10-3/8 |
| NET WEIGHT | lbs | 40 | 40 | 40 |
| SHIPPING WEIGHT | lbs | 46 | 46 | 46 |
| OUTDOOR UNIT | | | | |
| W X H X D | in | 34-5/16 x 31-1/2 x 12-5/8 | 34-5/16 x 31-1/2 x 12-5/8 | 34-5/16 x 31-1/2 x 12-5/8 |
| NET WEIGHT | lbs | 108 | 108 | 108 |
| SHIPPING WEIGHT | lbs | 115 | 115 | 115 |
| TOTAL NET WEIGHT | lbs | 148 | 148 | 148 |
| TOTAL SHIPPING WEIGHT | lbs | 160 | 160 | 160 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Single Zone

CEILING CASSETTE HEAT PUMPS

24000 and 36000 Btu. Ceiling cassette models install nearly flush with a drop ceiling for a clean and efficient installation.

Features

- Inverter technology (variable speed compressor)
- Internal condensate pump included with 31-1/2" lift
- Natural air flow
- 4-Way cooling
- Surge Cool/Heat
- Cooling mode
- Dehumidifying mode
- Night Quiet Operation
- Built-in low ambient standard, down to 14°F (Cooling mode)
- Fan mode
- Independent vane control
- 5 Fan speeds
- Evaporator frost control
- 24-hour on-off timer
- Auto restart
- Auto changeover
- Temperature display on remote
- Ultra-quiet turbo fan
- DiamonGold Advanced Corrosion Protection™
- Clean, modern look
- Flexible installation
- ENERGY STAR® qualified models
- Precise air distribution

Low profile indoor unit is recessed into the ceiling for a clean look and greater clearance.

NOTE: Grilles are sold separately. See optional accessories on page 11.



MC36Y3J



MC24Y3J



MR24UY3J



MR36UY3J



SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Zone Cassette H/P | |
|---------------------------------|-----------|----------------------------|----------------------------|
| | | 24k | 36k |
| SYSTEM MODEL NO. | | C24YJ | C36YJ |
| INDOOR MODEL | | MC24Y3J | MC36Y3J |
| OUTDOOR MODEL | | MR24UY3J | MR36UY3J |
| SPECIFICATIONS | | | |
| CAPACITY COOLING (RATED) | Btu | 24,000 | 36,000 |
| CAPACITY COOLING (MIN-MAX) | Btu | 9,700~26,700 | 14,000~42,000 |
| CAPACITY HEATING @17°F (RATED) | Btu | 27,000 | 40,000 |
| CAPACITY HEATING (MIN-MAX) | Btu | 10,900~30,000 | 14,500~45,000 |
| COOLING AMPS | | 15.1 | 20.2 |
| HEATING AMPS | | 15.1 | 20.8 |
| SENSIBLE HEAT RATIO | | .77 | .76 |
| SEER | | 17.0 | 19.0 |
| EER | | 12.5 | 13.5 |
| HSPF | | 9.7 | 9.5 |
| ENERGY STAR * | | Yes | Yes |
| MOISTURE REMOVAL | Pts/h | 5.1 | 7.7 |
| AIRFLOW (LOW, MED, HIGH) | CFM | 459 / 530 / 600 | 918 / 989 / 1,060 |
| SOUND RATING - INDOOR | dB(A) | 57 | 65 |
| SOUND RATING - OUTDOOR | dB(A) | 62 | 67 |
| OPERATING RANGE (COOLING) | °F | 5~118 | 5~118 |
| OPERATING RANGE (HEATING) | °F | -4~64 | -4~64 |
| EST. YEARLY OPERATING COST | \$ | 172 | 240 |
| ELECTRICAL DATA | | | |
| POWER SOURCE | V | 208/230/60/1 | 208/230/60/1 |
| MINIMUM AMPACITY | A | 18.1 | 24.5 |
| COOLING WATTS | W | 1910 | 2970 |
| MAX. TD FUSE/BREAKER | A | 30 | 40 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 | 4 x 18 |
| REFRIGERATION SYSTEM | | | |
| REFRIGERANT | | R410A | R410A |
| COMPRESSOR TYPE | | Twin Rotary | Twin Rotary |
| CONNECTIONS | | Flare | Flare |
| LIQUID LINE O.D. | in | 3/8 | 3/8 |
| SUCTION LINE O.D. | in | 5/8 | 5/8 |
| FACTORY PRECHARGE | ft | 25 | 25 |
| REFRIGERANT CHARGE | oz | 71 | 120 |
| MIN./MAX. LINE LENGTH | ft | 25~164 | 25~246 |
| MAX. HEIGHT DIFFERENCE | ft | 98 | 98 |
| DIMENSIONS & WEIGHT | | | |
| INDOOR UNIT | | | |
| W X H X D | in | 33-1/16 x 8-1/16 x 33-1/16 | 33-1/16 x 11-3/8 x 33-1/16 |
| NET WEIGHT | lbs | 45 | 54 |
| SHIPPING WEIGHT | lbs | 58 | 65 |
| INDOOR UNIT GRILLE** W X H X D | in | 37-3/8 x 15/16 x 37-3/8 | 37-3/8 x 15/16 x 37-3/8 |
| INDOOR UNIT GRILLE** NET WEIGHT | lbs | 11 | 11 |
| OUTDOOR UNIT | | | |
| W X H X D | in | 37-7/16 x 32-7/8 x 13 | 37-13/32 x 54-3/8 x 13 |
| NET WEIGHT | lbs | 132 | 203 |
| SHIPPING WEIGHT | lbs | 146 | 227 |
| TOTAL NET WEIGHT | lbs | 178 | 257 |
| TOTAL SHIPPING WEIGHT | lbs | 203 | 293 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

*System meets ENERGY STAR® published minimums.

**Models require grille. Grille sold separately.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Single Zone

CONCEALED DUCT HEAT PUMPS

24000 and 36000 Btu. Indoor unit is installed in the ceiling or furr down for unobtrusive installation.

Features

- Inverter technology (variable speed compressor)
- Internal condensate pump included with 31-1/2" lift
- Cooling mode
- Dehumidifying mode
- 3 Fan speeds+
- 24-hour on-off timer
- Auto restart
- Auto changeover
- Sleep mode
- Control lock function
- External Static Pressure Range(ESP)
 - 24,000 (0.1 - 0.78) WC
 - 36,000 (0.15 - 0.6) WC



MD24Y3J, MD36Y3J

AjMadison
Your Appliance Authority™
800-570-3355



MR24UY3J



MR36UY3J


DIAMOND GOLD
Advanced Corrosion Protection™

5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

**PRECISION
INVERTER™**

SPECIFICATIONS

| PERFORMANCE RATINGS | | Single Zone Concealed Ducted H/P | |
|--------------------------------|-----------|----------------------------------|-----------------------|
| | | 24k | 36k |
| SYSTEM MODEL NO. | | D24YJ | D36YJ |
| INDOOR MODEL | | MD24Y3J | MD36Y3J |
| OUTDOOR MODEL | | MR24UY3J | MR36UY3J |
| SPECIFICATIONS | | | |
| CAPACITY COOLING (RATED) | Btu | 24,000 | 36,000 |
| CAPACITY COOLING (MIN-MAX) | Btu | 9,700~26,700 | 16,000~41,400 |
| CAPACITY HEATING @47°F (RATED) | Btu | 27,000 | 40,000 |
| CAPACITY HEATING (MIN-MAX) | Btu | 10,900~30,000 | 17,500~48,000 |
| COOLING AMPS | | 15.1 | 20.8 |
| HEATING AMPS | | 15.1 | 21.4 |
| SENSIBLE HEAT RATIO | | .68 | .67 |
| SEER | | 17.0 | 17.6 |
| EER | | 12.0 | 12.1 |
| HSPF | | 10.0 | 9.2 |
| ENERGY STAR | | No | No |
| MOISTURE REMOVAL | Pts/h | 7.0 | 10.6 |
| AIRFLOW (LOW, MED, HIGH) | CFM | 530 / 618 / 688 | 706 / 953 / 1,130 |
| SOUND RATING - INDOOR | dB(A) | 56 | 56 |
| SOUND RATING - OUTDOOR | dB(A) | 62 | 67 |
| OPERATING RANGE (COOLING) | °F | 5~118 | 5~118 |
| OPERATING RANGE (HEATING) | °F | -4~64 | -4~64 |
| EST. YEARLY OPERATING COST | \$ | 180 | 268 |
| ELECTRICAL DATA | | | |
| POWER SOURCE | | 208/230/60/1 | 208/230/60/1 |
| MINIMUM AMPACITY | A | 18.1 | 24.5 |
| COOLING WATTS | W | 2000 | 2910 |
| MAX. TD FUSE/BREAKER | A | 30 | 40 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 x 18 | 4 x 18 |
| REFRIGERATION SYSTEM | | | |
| REFRIGERANT | | R410A | R410A |
| COMPRESSOR TYPE | | Twin Rotary | Twin Rotary |
| CONNECTIONS | | Flare | Flare |
| LIQUID LINE O.D. | in | 3/8 | 3/8 |
| SUCTION LINE O.D. | in | 5/8 | 5/8 |
| FACTORY PRECHARGE | ft | 25 | 25 |
| REFRIGERANT CHARGE | oz | 71 | 120 |
| MIN./MAX. LINE LENGTH | ft | 25~164 | 25~246 |
| MAX. HEIGHT DIFFERENCE | ft | 98 | 98 |
| DIMENSIONS & WEIGHT | | | |
| INDOOR UNIT | | | |
| W X H X D | in | 46-9/16 x 11-3/4 x 17-3/4 | 48-1/2 x 15 x 23-1/4 |
| NET WEIGHT | lbs | 73 | 125 |
| SHIPPING WEIGHT | lbs | 95 | 139 |
| OUTDOOR UNIT | | | |
| W X H X D | in | 37-7/16 x 32-7/8 x 13 | 37-7/16 x 54-3/8 x 13 |
| NET WEIGHT | lbs | 132 | 203 |
| SHIPPING WEIGHT | lbs | 146 | 227 |
| TOTAL NET WEIGHT | lbs | 205 | 327 |
| TOTAL SHIPPING WEIGHT | lbs | 240 | 366 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Multizone

WALL-MOUNTED HEAT PUMPS

High efficiency heat pumps with features for comfort and convenience year 'round. In heating mode, units efficiently heat by using approximately 1/4 of the energy required by electric heat.

Features

- Inverter technology (variable speed compressor)
- High efficiency for low operating cost
- DiamonGold Advanced Corrosion Protection™
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Surge Cool/Heat
- Natural air flow
- 4-Way auto swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-hour on-off timer
- Condensate sensor connection
- Built-in kick stand



MW09Y3J, MW12Y3J



MW18Y3J



MR24DY3JM



MR36TQY3JM



SPECIFICATIONS

| PERFORMANCE RATINGS | | Multi Zone Wall Mounted | | |
|---------------------------------|----------|-------------------------|-------------------------|-------------------------|
| | | 9k | 12k | 18k |
| INDOOR MODEL | | MW09Y3J | MW12Y3J | MW18Y3J |
| SPECIFICATIONS | | | | |
| CAPACITY COOLING (RATED) | Btu | 9,000 | 11,200 | 17,000 |
| CAPACITY HEATING (RATED) | Btu | 10,800 | 13,300 | 20,200 |
| MOISTURE REMOVAL | Pts/h | 2.6 | 3.0 | 5.3 |
| AIRFLOW (QUIET, LOW, MED, HIGH) | CFM | 124/212/272/335 | 124/212/272/335 | 300/399/509/622 |
| SOUND RATING - INDOOR | dB-A | 19 / 24 / 33 / 38 | 19 / 24 / 33 / 39 | 29 / 35 / 40 / 45 |
| ELECTRICAL DATA | | | | |
| POWER SOURCE | V, Ø, Hz | 230/208-60-1 | 230/208-60-1 | 230/208-60-1 |
| REFRIGERATION SYSTEM | | | | |
| CONNECTIONS | | Flare | Flare | Flare |
| LIQUID LINE O.D. | in | 1/4 | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 | 1/2 |
| DIMENSIONS & WEIGHT | | | | |
| W X H X D | in | 35-1/4 x 11-1/4 x 8-1/4 | 35-1/4 x 11-1/4 x 8-1/4 | 40-5/8 x 12-7/8 x 9-5/8 |
| NET WEIGHT | lbs | 23 | 23 | 31 |
| SHIPPING WEIGHT | lbs | 27 | 27 | 35 |

| PERFORMANCE RATINGS | | Multi Outdoor | |
|---|-----------|--------------------------|---------------------------|
| | | 24k | 36k |
| OUTDOOR MODEL | | MR24DY3JM | MR36TQY3JM |
| SPECIFICATIONS | | | |
| POWER SOURCE | | 208/230/60/1 | 208/230/60/1 |
| EST. YEARLY OPERATING COST | \$ | 122-125 | 170-245 |
| RUNNING CURRENT COOLING MIN.-RATED-MAX. | A | 2.8~6.6~14.0 | 3.3~11.8~17.0 |
| RUNNING CURRENT HEATING MIN.-RATED-MAX. | A | 3.0~10.2~14.1 | 4.9~15.5~17.8 |
| POWER INPUT COOLING MIN.-RATED-MAX. | W | 390~1430~3090 | 770~2720~3920 |
| POWER INPUT HEATING MIN.-RATED-MAX. | W | 420~2210~3100 | 1120~3580~4100 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 X 18 | 4 X 18 |
| DIMENSIONS W X H X D | inch | 34-1/4 x 31-7/8 x 12-5/8 | 35-7/16 x 45-7/8 x 14-5/8 |
| NET WEIGHT | lbs | 130 | 209 |
| SHIPPING WEIGHT | lbs | 139 | 223 |
| REFRIGERATION SYSTEM | | | |
| REFRIGERANT | | R410A | R410A |
| FACTORY PRECHARGE | ft | 74 | 98 |
| REFRIGERANT CHARGE | oz | 74 | 124 |
| LIQUID LINE O.D. | in | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 |
| MIN./MAX. LINE LENGTH (EACH) | ft | 10~82 | 10~82 |
| MIN./MAX. LINE LENGTH (TOTAL) | ft | 75~246 | 75~246 |
| MAX. HEIGHT DIFFERENCE | ft | 49 | 49 |
| SOUND PRESSURE LEVEL COOLING | A | 51 | 57 |
| SOUND PRESSURE LEVEL HEATING | A | 51 | 57 |
| OPERATING RANGE COOLING MIN. ~ MAX. | °F DB | 14 ~ 114 | 14 ~ 114 |
| OPERATING RANGE HEATING MIN. ~ MAX. | °F WB | 5 ~ 64 | 5 ~ 64 |
| MINIMUM AMPACITY | A | 15 | 17 |
| MAX. TD FUSE/BREAKER | A | 25 | 25 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Multizone

CEILING CASSETTE HEAT PUMPS

Ceiling cassette models install nearly flush with a drop ceiling for a clean and efficient installation.

Features

- Inverter technology (variable speed compressor)
- Internal condensate pump included with 31-1/2" lift
- Natural air flow
- 4-Way cooling
- Surge Cool/Heat
- Cooling mode
- Dehumidifying mode
- Night Quiet Operation
- Built-in low ambient standard, down to 14°F (Cooling mode)
- Fan mode
- Independent vane control
- 5 Fan speeds
- Evaporator frost control
- 24-hour on-off timer
- Auto restart
- Temperature display on remote
- Ultra-quiet turbo fan
- DiamonGold Advanced Corrosion Protection™
- Clean, modern look
- Flexible installation
- ENERGY STAR® qualified models
- Precise air distribution

NOTE: Grilles are sold separately. See optional accessories on page 11.



MC12Y3JM, MC18Y3JM



MR24DY3JM



MR36TQY3JM



SPECIFICATIONS

| PERFORMANCE RATINGS | | Multi Zone Cassette | |
|--------------------------------|-----------|----------------------------|-----------------------------|
| | | | |
| INDOOR MODEL | | MC12Y3JM | MC18Y3JM |
| SPECIFICATIONS | | | |
| CAPACITY COOLING (RATED) | Btu | 12,000 | 18,000 |
| CAPACITY HEATING (RATED) | Btu | 13,800 | 19,000 |
| MOISTURE REMOVAL | Pts/h | 4.2 | 4.2 |
| AIRFLOW (LOW, MED, HIGH) | CFM | 247 / 283 / 335 | 388 / 424 / 459 |
| SOUND RATING - INDOOR | dB-A | 32/35/38 | 34/37/38 |
| ELECTRICAL DATA | | | |
| POWER SOURCE | V, Ø, Hz | 208/230, 1, 60 | 208/230, 1, 60 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4C x 18 | 4C x 18 |
| REFRIGERATION SYSTEM | | | |
| CONNECTIONS | | Flare | Flare |
| LIQUID LINE O.D. | in | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 1/2 |
| DIMENSIONS & WEIGHT | | | |
| W X H X D | in | 22-7/16 x 8-7/16 x 22-7/16 | 22-7/16 x 10-3/32 x 22-7/16 |
| NET WEIGHT | lbs | 31 | 33 |
| SHIPPING WEIGHT | lbs | 36 | 42 |
| NDOOR UNIT GRILLE* W X H X D | in | 27-9/16 x 7/8 x 27-9/16 | 27-9/16 x 7/8 x 27-9/16 |
| INDOOR UNIT GRILLE* NET WEIGHT | lbs | 7 | 7 |

| PERFORMANCE RATINGS | | Multi Outdoor | |
|---|-----------|--------------------------|---------------------------|
| | | 24k | 36k |
| OUTDOOR MODEL | | MR24DY3JM | MR36TQY3JM |
| SPECIFICATIONS | | | |
| POWER SOURCE | | 208/230/60/1 | 208/230/60/1 |
| EST. YEARLY OPERATING COST | \$ | 122-125 | 170-245 |
| RUNNING CURRENT COOLING MIN.-RATED-MAX. | A | 2.8~6.6~14.0 | 3.3~11.8~17.0 |
| RUNNING CURRENT HEATING MIN.-RATED-MAX. | A | 3.0~10.2~14.1 | 4.9~15.5~17.8 |
| POWER INPUT COOLING MIN.-RATED-MAX. | W | 390~1430~3090 | 770~2720~3920 |
| POWER INPUT HEATING MIN.-RATED-MAX. | W | 420~2210~3100 | 1120~3580~4100 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 X 18 | 4 X 18 |
| DIMENSIONS W X H X D | inch | 34-1/4 x 31-7/8 x 12-5/8 | 35-7/16 x 45-7/8 x 14-5/8 |
| NET WEIGHT | lbs | 130 | 209 |
| SHIPPING WEIGHT | lbs | 139 | 223 |
| REFRIGERATION SYSTEM | | | |
| REFRIGERANT | | R410A | R410A |
| FACTORY PRECHARGE | ft | 74 | 98 |
| REFRIGERANT CHARGE | oz | 74 | 124 |
| LIQUID LINE O.D. | in | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 |
| MIN./MAX. LINE LENGTH (EACH) | ft | 10~82 | 10~82 |
| MIN./MAX. LINE LENGTH (TOTAL) | ft | 75~246 | 75~246 |
| MAX. HEIGHT DIFFERENCE | ft | 49 | 49 |
| SOUND PRESSURE LEVEL COOLING | A | 51 | 57 |
| SOUND PRESSURE LEVEL HEATING | A | 51 | 57 |
| OPERATING RANGE COOLING MIN. ~ MAX. | °F DB | 14 ~ 114 | 14 ~ 114 |
| OPERATING RANGE HEATING MIN. ~ MAX. | °F WB | 5 ~ 64 | 5 ~ 64 |
| MINIMUM AMPACITY | A | 15 | 17 |
| MAX. TD FUSE/BREAKER | A | 25 | 25 |

*Models require grille. Grille sold separately.

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Multizone

CONCEALED DUCT HEAT PUMPS

Indoor unit is installed in the ceiling or furr down for unobtrusive installation.

Features

- Inverter technology (variable speed compressor)
- Internal condensate pump included with 31-1/2" lift
- Cooling mode
- Dehumidifying mode
- 3 Fan speeds+
- 24-hour on-off timer
- Auto restart
- Sleep mode
- Control lock function
- External Static Pressure Range(ESP)
 - 12,000 (0.0 - 0.16) WC
 - 18,000 (0.0 - 0.16) WC

Fresh air can be easily introduced to the conditioned space whenever required.



MD12Y3JM, MD18Y3JM



MR24DY3JM



MR36TQY3JM



SPECIFICATIONS

| PERFORMANCE RATINGS | | Multi Zone Concealed Ducted | |
|-------------------------------|-----------|-----------------------------|----------------------------|
| | | | |
| INDOOR MODEL | | MD12Y3JM | MD18Y3JM |
| SPECIFICATIONS | | | |
| CAPACITY COOLING (RATED) | Btu | 12,000 | 18,000 |
| CAPACITY HEATING (RATED) | Btu | 13,800 | 19,000 |
| MOISTURE REMOVAL | Pts/h | 2.5 | 4.2 |
| AIRFLOW (LOW, MED, HIGH) | CFM | 265 / 300 / 335 | 406 / 477 / 530 |
| SOUND RATING - INDOOR | dB-A | 26/31/33 | 29/31/34 |
| ELECTRICAL DATA | | | |
| POWER SOURCE | | 208/230, 1, 60 | 208/230, 1, 60 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4C x 18 | 4C x 18 |
| REFRIGERATION SYSTEM | | | |
| CONNECTIONS | | Flare | Flare |
| LIQUID LINE O.D. | in | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 1/2 |
| DIMENSIONS & WEIGHT | | | |
| W X H X D | in | 32-9/32 x 7-15/32 x 22-5/8 | 43-5/16 x 7-15/32 x 22-5/8 |
| NET WEIGHT | lbs | 45 | 58 |
| SHIPPING WEIGHT | lbs | 51 | 65 |

| PERFORMANCE RATINGS | | Multi Outdoor | |
|---|-----------|--------------------------|---------------------------|
| | | 24k | 36k |
| OUTDOOR MODEL | | MR24DY3JM | MR36TQY3JM |
| SPECIFICATIONS | | | |
| POWER SOURCE | | 208/230/60/1 | 208/230/60/1 |
| EST. YEARLY OPERATING COST | \$ | 122-125 | 170-245 |
| RUNNING CURRENT COOLING MIN.-RATED-MAX. | A | 2.8~6.6~14.0 | 3.3~11.8~17.0 |
| RUNNING CURRENT HEATING MIN.-RATED-MAX. | A | 3.0~10.2~14.1 | 4.9~15.5~17.8 |
| POWER INPUT COOLING MIN.-RATED-MAX. | W | 390~1430~3090 | 770~2720~3920 |
| POWER INPUT HEATING MIN.-RATED-MAX. | W | 420~2210~3100 | 1120~3580~4100 |
| POWER AND COMMUNICATION CABLE | No. x AWG | 4 X 18 | 4 X 18 |
| DIMENSIONS W X H X D | inch | 34-1/4 x 31-7/8 x 12-5/8 | 35-7/16 x 45-7/8 x 14-5/8 |
| NET WEIGHT | lbs | 130 | 209 |
| SHIPPING WEIGHT | lbs | 139 | 223 |
| REFRIGERATION SYSTEM | | | |
| REFRIGERANT | | R410A | R410A |
| FACTORY PRECHARGE | ft | 74 | 98 |
| REFRIGERANT CHARGE | oz | 74 | 124 |
| LIQUID LINE O.D. | in | 1/4 | 1/4 |
| SUCTION LINE O.D. | in | 3/8 | 3/8 |
| MAX. LINE LENGTH | ft | 246 | 246 |
| MAX. HEIGHT DIFFERENCE | ft | 49 | 49 |
| SOUND PRESSURE LEVEL COOLING | A | 51 | 57 |
| SOUND PRESSURE LEVEL HEATING | A | 51 | 57 |
| OPERATING RANGE COOLING MIN. ~ MAX. | °F DB | 14 ~ 114 | 14 ~ 114 |
| OPERATINGRANGE HEATING MIN. ~ MAX. | °F WB | 5 ~ 64 | 5 ~ 64 |
| MINIMUM AMPACITY | A | 15.4 | 16.8 |
| MAX. TD FUSE/BREAKER | A | 25 | 25 |

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.115 per kWh. For more information, visit www.ftc.gov/energy.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Remote Controls

Wired and wireless controllers.

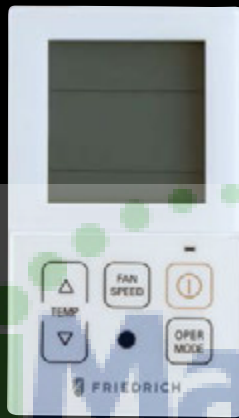
Wireless Controller



Cassette & All
Wall-mounted
Models

Wired Controllers

Wall control thermostat with infrared sensor that enables communication between the remote control and the thermostat.



Concealed Ducted
D24YJ, D36YJ
MD12Y3JM, MD18Y3JM



DWC1- Optional
All Ductless Models

PROGRAMMABLE SETTINGS

- Simple program (1 to 7 hour) ON/OFF
- Sleep program ON/OFF at set time
- ON at set time
- OFF at set time
- 7 Day schedule
- Vacation at user set time ON/OFF

Multizone

Mix and match wall-mounted, concealed duct and ceiling cassette models.



Aj Madison
Your Appliance Authority™

800-570-3355



131

MULTIZONE
COMBINATIONS

Enjoy the flexibility to mix and match systems to fit your application.


DIAMOND GOLD
Advanced Corrosion Protection™



5YR.
PARTS
WARRANTY

7YR.
COMPRESSOR
WARRANTY

PRECISION
INVERTER™

SPECIFICATIONS

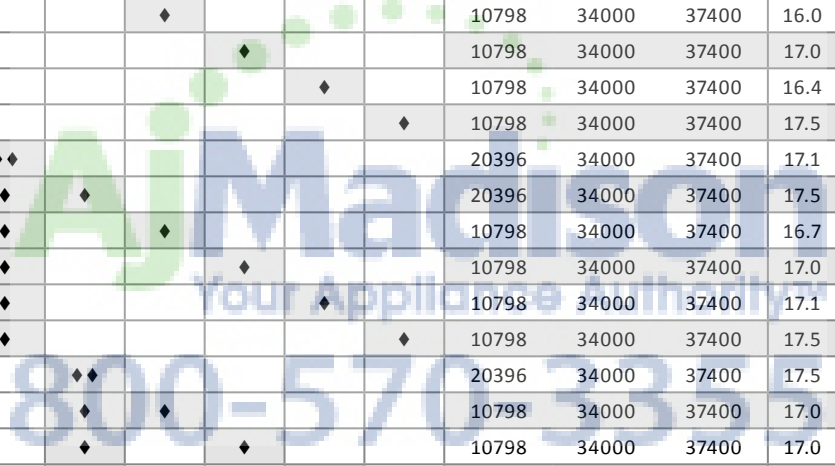
| 24K | | Combination of Indoor Units (kBTU/h Class) | | | | | | | | | | | | | |
|-------------------|--------------|--|-----|--------|-----|----------|-----|----------|---------|-------|------------|------|------|-----|---------|
| 2 Indoor Units | Wall Mounted | | | Ducted | | Cassette | | Capacity | | | Efficiency | | | | |
| | 9K | 12K | 18K | 12K | 18K | 12K | 18K | Min | Nominal | Max | SEER | EER | HSPF | COP | E-STAR* |
| ◆◆ | | | | | | | | 10798 | 17000 | 19800 | 19.0 | 12.6 | 7.7 | 3.0 | — |
| ◆ | ◆ | | | | | | | 11100 | 17000 | 23100 | 19.0 | 12.8 | 7.7 | 3.1 | — |
| ◆ | | ◆ | | | | | | 11400 | 19200 | 27500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| ◆ | | | ◆ | | | | | 10798 | 18600 | 23100 | 16.7 | 12.1 | 7.8 | 3.1 | — |
| ◆ | | | | ◆ | | | | 10798 | 18600 | 27500 | 16.7 | 12.3 | 8.2 | 3.3 | YES |
| ◆ | | | | | | ◆ | | 10798 | 18600 | 23100 | 19.0 | 12.8 | 7.7 | 3.1 | — |
| ◆ | | | | | | | ◆ | 10798 | 18600 | 27500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | ◆◆ | | | | | | | 11400 | 19200 | 25500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | ◆ | ◆ | | | | | | 11400 | 19200 | 27500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | ◆ | | ◆ | | | | | 11400 | 18600 | 25500 | 16.7 | 12.3 | 8.2 | 3.3 | YES |
| | ◆ | | | ◆ | | | | 11400 | 18600 | 27500 | 16.7 | 12.3 | 8.2 | 3.3 | YES |
| | ◆ | | | | | ◆ | | 11400 | 18600 | 25500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | ◆ | | | | | | ◆ | 11400 | 18600 | 27500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | | ◆ | ◆ | | | | | 11400 | 18600 | 25500 | 16.7 | 12.3 | 8.2 | 3.3 | YES |
| | | ◆ | | | | ◆ | | 11400 | 18600 | 27500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| | | | ◆◆ | | | | | 12300 | 18600 | 25500 | 14.4 | 11.5 | 8.1 | 3.3 | — |
| | | | | | | ◆◆ | | 12300 | 18600 | 25500 | 19.0 | 13.1 | 8.2 | 3.3 | YES |
| 3 Indoor Units | ◆◆◆ | | | | | | | 11700 | 19200 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| | ◆◆ | ◆ | | | | | | 11700 | 19200 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| | ◆◆ | | ◆ | | | | | 11700 | 18600 | 28800 | 19.5 | 12.6 | 9.0 | 3.5 | YES |
| | ◆◆ | | | ◆ | | | | 11700 | 18600 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| | ◆ | ◆◆ | | | | | | 11700 | 19200 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| | ◆ | | | ◆◆ | | | | 11700 | 18600 | 28800 | 19.0 | 12.6 | 9.0 | 3.5 | YES |
| | ◆ | | | | | ◆◆ | | 11700 | 18600 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| | ◆ | ◆ | | ◆ | | | | 11700 | 18600 | 28800 | 19.0 | 12.6 | 9.0 | 3.5 | YES |
| | ◆ | ◆ | | | | ◆ | | 11700 | 18600 | 28800 | 21.7 | 13.4 | 9.4 | 3.5 | YES |
| 36K | | Combination of Indoor Units (kBTU/h Class) | | | | | | | | | | | | | |
| 2 Indoor Units | Wall Mounted | | | Ducted | | Cassette | | Capacity | | | Efficiency | | | | |
| | 9K | 12K | 18K | 12K | 18K | 12K | 18K | Min | Nominal | Max | SEER | EER | HSPF | COP | E-STAR* |
| ◆◆ | | | | | | | | 10798 | 18000 | 19800 | 13.5 | 9.5 | 9.3 | 2.9 | — |
| ◆ | ◆ | | | | | | | 12597 | 21000 | 23100 | 14.1 | 10.0 | 8.9 | 2.8 | — |
| ◆ | | ◆ | | | | | | 16197 | 27000 | 29700 | 15.8 | 11.2 | 10.0 | 3.1 | — |
| ◆ | | | ◆ | | | | | 10798 | 34000 | 36300 | 13.8 | 9.7 | 8.9 | 2.8 | — |
| ◆ | | | | ◆ | | | | 10798 | 34000 | 36300 | 15.4 | 10.9 | 9.5 | 3.1 | — |
| ◆ | | | | | ◆ | | | 10798 | 34000 | 36300 | 14.1 | 10.0 | 8.9 | 2.8 | — |
| ◆ | | | | | | ◆ | | 10798 | 34000 | 36300 | 15.8 | 11.2 | 10.0 | 3.1 | — |
| | ◆◆ | | | | | | | 14397 | 24000 | 26400 | 14.7 | 10.3 | 10.0 | 3.1 | — |
| | ◆ | ◆ | | | | | | 17996 | 30000 | 33000 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | ◆ | | ◆ | | | | | 17996 | 34000 | 36300 | 14.3 | 10.1 | 9.5 | 3.1 | — |
| | ◆ | | | ◆ | | | | 17996 | 34000 | 36300 | 16.0 | 11.3 | 9.5 | 3.1 | — |
| | ◆ | | | | | ◆ | | 17996 | 34000 | 36300 | 14.7 | 10.3 | 10.0 | 3.1 | — |
| | ◆ | | | | | | ◆ | 17996 | 34000 | 36300 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | | ◆◆ | | | | | | 19796 | 33000 | 36300 | 17.1 | 11.5 | 10.1 | 3.2 | — |
| | | ◆ | ◆ | | | | | 19796 | 34000 | 36300 | 16.0 | 11.3 | 9.5 | 3.1 | — |
| | | ◆ | | ◆ | | | | 19796 | 34000 | 36300 | 15.8 | 11.2 | 9.6 | 3.1 | — |

*Systems meet ENERGY STAR® published minimums.

SPECIFICATIONS

| 36K | | Combination of Indoor Units (kBTU/h Class) | | | | | | | | | | | | | |
|-----|--------------|--|-----|--------|-----|----------|-----|----------|---------|-------|------------|------|------|-----|---------|
| | Wall Mounted | | | Ducted | | Cassette | | Capacity | | | Efficiency | | | | |
| | 9K | 12K | 18K | 12K | 18K | 12K | 18K | Min | Nominal | Max | SEER | EER | HSPF | COP | E-STAR* |
| | | | ◆ | | | ◆ | | 19796 | 34000 | 36300 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | | | ◆ | | | | ◆ | 19796 | 34000 | 36300 | 17.1 | 11.5 | 10.1 | 3.2 | — |
| | | | | ◆◆ | | | | 14397 | 24000 | 26400 | 13.9 | 9.9 | 9.0 | 3.0 | — |
| | | | | ◆ | ◆ | | | 17996 | 30000 | 33000 | 15.5 | 11.1 | 9.0 | 3.0 | — |
| | | | | ◆ | | ◆ | | 14397 | 24000 | 26400 | 14.3 | 10.1 | 9.5 | 3.1 | — |
| | | | | ◆ | | | ◆ | 17996 | 30000 | 33000 | 16.0 | 11.3 | 9.5 | 3.1 | — |
| | | | | | ◆◆ | | | 19796 | 33000 | 36300 | 15.4 | 11.0 | 9.0 | 3.0 | — |
| | | | | | ◆ | ◆ | | 19796 | 33000 | 36300 | 16.0 | 11.3 | 9.5 | 3.1 | — |
| | | | | | ◆ | | ◆ | 19796 | 33000 | 36300 | 15.8 | 11.2 | 9.6 | 3.1 | — |
| | | | | | | ◆◆ | | 14397 | 24000 | 26400 | 14.7 | 10.3 | 10.0 | 3.1 | — |
| | | | | | | ◆ | ◆ | 17996 | 17996 | 17996 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | | | | | | | ◆◆ | 19796 | 33000 | 36300 | 17.1 | 11.5 | 10.1 | 3.2 | — |
| | ◆◆◆ | | | | | | | 16197 | 27000 | 29700 | 15.8 | 11.2 | 10.0 | 3.1 | — |
| | ◆◆ | ◆ | | | | | | 17996 | 30000 | 33000 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | ◆◆ | | ◆ | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | ◆◆ | | | ◆ | | | | 10798 | 34000 | 37400 | 16.0 | 11.3 | 9.5 | 3.1 | — |
| | ◆◆ | | | | ◆ | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆◆ | | | | | ◆ | | 10798 | 34000 | 37400 | 16.4 | 11.5 | 10.0 | 3.1 | — |
| | ◆◆ | | | | | | ◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | ◆ | ◆◆ | | | | | | 20396 | 34000 | 37400 | 17.1 | 12.0 | 10.4 | 3.3 | YES |
| | ◆ | ◆ | ◆ | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆ | ◆ | | ◆ | | | | 10798 | 34000 | 37400 | 16.7 | 11.8 | 9.8 | 3.2 | — |
| | ◆ | ◆ | | | ◆ | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆ | ◆ | | | | | | 10798 | 34000 | 37400 | 17.1 | 12.0 | 10.4 | 3.3 | YES |
| | ◆ | ◆ | | | | | ◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | ◆ | | ◆◆ | | | | ◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | ◆ | | | ◆◆ | | | | 10798 | 34000 | 37400 | 16.7 | 11.8 | 9.8 | 3.3 | — |
| | ◆ | | | ◆ | ◆ | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆ | | | | ◆◆ | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆ | | | | ◆ | ◆ | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆ | | | | | ◆◆ | | 10798 | 34000 | 37400 | 17.1 | 12.0 | 10.4 | 3.3 | YES |
| | ◆ | | | | | ◆ | ◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | ◆ | | | | | | ◆◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆◆◆ | | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆◆ | ◆ | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆◆ | | ◆ | | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆◆ | | | ◆ | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆◆ | | | | ◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆◆ | | | | | ◆ | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆ | ◆◆ | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆ | ◆ | ◆ | | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆ | ◆ | | ◆ | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |

3
Indoor Units



*Systems meet ENERGY STAR® published minimums.

SPECIFICATIONS

| 36K | | Combination of Indoor Units (kBTU/h Class) | | | | | | | | | | | | | |
|-------------------|--------------|--|-----|--------|-----|----------|-----|----------|---------|-------|------------|------|------|-----|---------|
| 3 Indoor Units | Wall Mounted | | | Ducted | | Cassette | | Capacity | | | Efficiency | | | | |
| | 9K | 12K | 18K | 12K | 18K | 12K | 18K | Min | Nominal | Max | SEER | EER | HSPF | COP | E-STAR* |
| | | ◆ | ◆ | | | ◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆ | ◆ | | | | ◆ | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆ | | ◆ | ◆ | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆ | | ◆ | | ◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆ | | | | ◆ | ◆ | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | ◆ | | | | | ◆◆ | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | | ◆◆ | ◆ | | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | ◆◆ | | | ◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.5 | 3.4 | YES |
| | | | ◆ | ◆ | | ◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | ◆ | ◆ | | | ◆ | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | ◆ | | ◆ | ◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆◆◆ | | | | 20396 | 34000 | 37400 | 16.5 | 12.0 | 9.5 | 3.2 | YES |
| | | | | ◆◆ | ◆ | | | 20396 | 34000 | 37400 | 16.5 | 12.0 | 9.5 | 3.2 | YES |
| | | | | ◆◆ | | ◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆◆ | | | ◆ | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆ | ◆◆ | | | 20396 | 34000 | 37400 | 16.5 | 12.0 | 9.5 | 3.2 | YES |
| | | | | ◆ | | | ◆◆ | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆◆ | ◆ | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆ | | ◆◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | | ◆◆◆ | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | | | | | ◆◆ | ◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | | | | | ◆ | ◆◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | | | | | | | ◆◆◆ | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆◆◆ | | | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆◆ | ◆ | | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆◆ | | ◆ | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆◆ | | | ◆ | | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆◆◆ | | | | ◆ | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆◆◆ | | | | | ◆ | | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆◆ | | | | | | ◆ | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆ | ◆◆ | | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆ | | | ◆◆ | | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆◆ | | | | | ◆◆ | | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆◆ | ◆ | | ◆ | | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆◆ | ◆ | | | | ◆ | | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆ | ◆◆◆ | | | | | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | ◆ | | | ◆◆◆ | | | | 10798 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | ◆ | | | | | ◆◆◆ | | 10798 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | | ◆◆◆◆ | | | | | | 20396 | 34000 | 37400 | 16.5 | 12.0 | 9.5 | 3.2 | YES |
| | | ◆◆ | | ◆◆ | | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | ◆◆ | | | | ◆◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |
| | | | | ◆◆◆◆ | | | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | ◆◆ | | ◆◆ | | 20396 | 34000 | 37400 | 17.0 | 12.3 | 10.0 | 3.3 | YES |
| | | | | | | ◆◆◆◆ | | 20396 | 34000 | 37400 | 17.5 | 12.5 | 10.4 | 3.4 | YES |

*Systems meet ENERGY STAR® published minimums.

NOMENCLATURE

| | | | | | | | | | | | | | | | |
|----------|------------|----------|--|----------|--|----------|--|----------|--|----------|--|----------|-----------------------|----------|-----------------------|
| 1 | M | 2 | RH | 3 | 36 | 4 | D | 5 | Y | 6 | 3 | 7 | J | 8 | M |
| 1 | Series | 2 | Model Type | 3 | Capacity | 4 | Application | 5 | Refrigeration Cycle | 6 | Voltage | 7 | Marketing Model | 8 | Installation Type |
| | Mini-split | | W= Wall mounted C= Cassette D= Concealed Ducted R= Outdoor component WH= Wall mounted High SEER RH= Outdoor high SEER | | 9 = 9,000 BTU/h 12 = 12,000 BTU/h 18 = 18,000 BTU/h 24 = 24,000 BTU/h 30 = 30,000 BTU/h 36 = 36,000 BTU/h | | Empty = Single D = Dual Zone T = Tri-Zone Q = Quad Zone U = Universal | | C = Cool Only Y = Heat Pump | | 1 = 115V/60hz/1 3 = 230V/60hz/1 | | (Internal Use) | | M = Multi Zone |

Refrigeration Line Sets-Minimum/Maximum Lengths

| Single Zone | | | |
|--------------|----------|----------|-------------------|
| System Model | Outdoor | Indoor | Min./Max. in Feet |
| M09YJ | MR09Y3J | MW09Y3J | 7 / 66 |
| M12YJ | MR12Y3J | MW12Y3J | 7 / 66 |
| M18YJ | MR18Y3J | MW18Y3J | 10 / 66 |
| M09CJ | MR09C1J | MW09C1J | 7 / 66 |
| M12CJ | MR12C1J | MW12C1J | 7 / 66 |
| M18CJ | MR18C3J | MW18C3J | 10 / 66 |
| M24CJ | MR24C3J | MW24C3J | 10 / 98 |
| M24YJ | MR24Y3J | MW24Y3J | 10 / 164 |
| M30YJ | MR30Y3J | MW30Y3J | 10 / 164 |
| M36YJ | MR36Y3J | MW36Y3J | 10 / 164 |
| HM12YJ | MHR12Y3J | MHW12Y3J | 10 / 49 |
| C24YJ | MR24UY3J | MC24Y3J | 25 / 164 |
| C36YJ | MR36UY3J | MC36Y3J | 25 / 246 |
| D24YJ | MR24UY3J | MD24Y3J | 25 / 164 |
| D36YJ | MR36UY3J | MD36Y3J | 25 / 246 |

| Multizone Outdoor | | |
|-------------------|------------|-----------------|
| MR24DY3JM | MR36TQY3JM | |
| 75 / 246 | 75 / 246 | Min./Max. Total |
| 25 / 82 | 25 / 82 | Min./Max. Each |
| 10 Ft | 10 Ft | Minimum Each |

