

# DUCTLESS

## FULL LINE CATALOG

**bryant**

Heating & Cooling Systems

**WHATEVER  
IT TAKES.**



Spring 2017



# Versatile Ductless Systems can increase your sales opportunities

Bryant® offers a complete line of ductless HVAC systems designed to make any space more comfortable. Our Bryant Ductless systems are compact, not to mention easy on the eyes. When it comes to creating comfort, one size or system may not fit all, but one name does: Bryant.

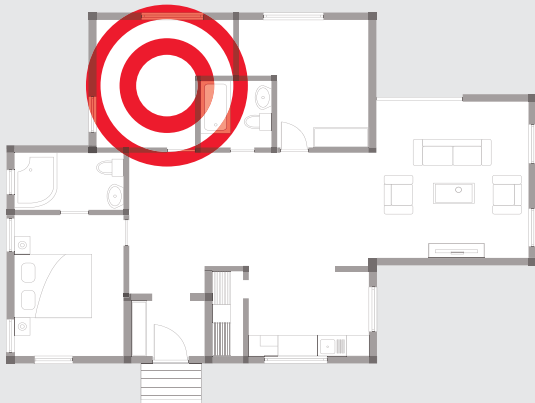


# 29

**ENERGY STAR® certified models**

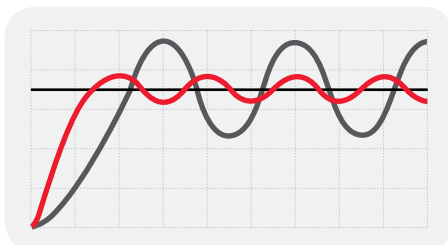
Bryant has a full line of ductless offerings to choose from.

Your customers use Ductless so they don't waste energy and money heating or cooling an unoccupied room.



## Bryant Inverter Technology

Inverter technology will supply constant and comfortable temperatures with quieter operation. The compressor speed adjusts to heating or cooling needs. Variable speed equals energy savings since the compressor does not operate continuously at maximum capacity.

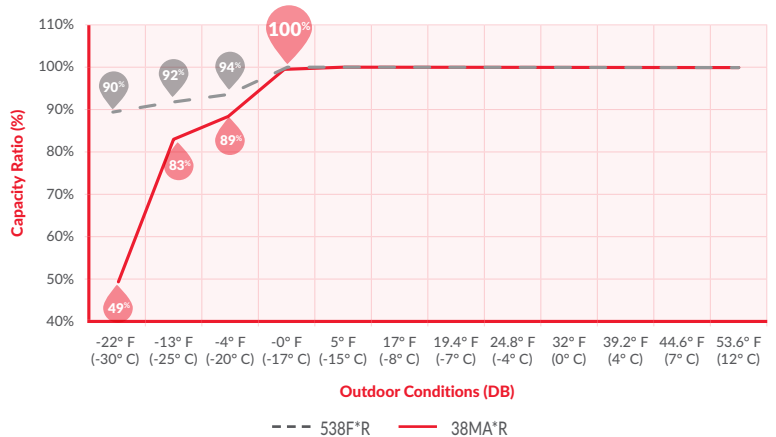


- Inverter Compressor
- Fixed Speed Compressor
- Setpoint Temperature

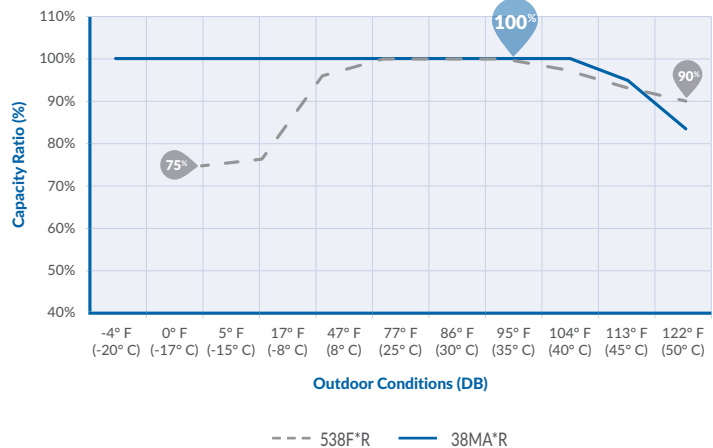
## IT TAKES year-round comfort

In the search for more comfort, Bryant Ductless delivers in more ways than one. With Extreme Comfort Performance, customers will experience excellent heating when outdoor temperatures are down to -22° F and cooling when outdoor temperatures are up to 130° F. With that level of performance, it's easy to imagine the ideal comfort your customers will enjoy on a daily basis.

### Ductless High Heating Capacity at Extremely Low Temperatures



### Ductless High Cooling Capacity at Extremely High Temperatures



\*Shown Size 09 (208/230V)

Subject to change without notice

# Top Reasons It Takes Bryant®



## **PASSIONATE SERVICE**

You deliver more than quality products, you deliver knowledge and experience. Dedicated to doing Whatever It Takes® to get each job done right, the first time. Your customers can rest assured that their system will receive the attention to detail and professional performance delivered only by Bryant dealers.

## **EXCEEDING EXPECTATIONS**

With more than 100 years of experience, Bryant delivers a full line up of heating and cooling products designed with whole-home comfort in mind. Through innovative design and rigorous testing, our products are reliable – exceeding your expectations.

## **CUSTOMIZED COMFORT SOLUTIONS**

Heating and cooling solutions are not one size fits all. And you make sure to provide solutions based on your customers' specific needs. From financing and rebates to reliable products installed by dedicated dealers, with Bryant, your customers are given options that help keep their homes and wallets comfortable.

## **NEW CONVENIENCES**

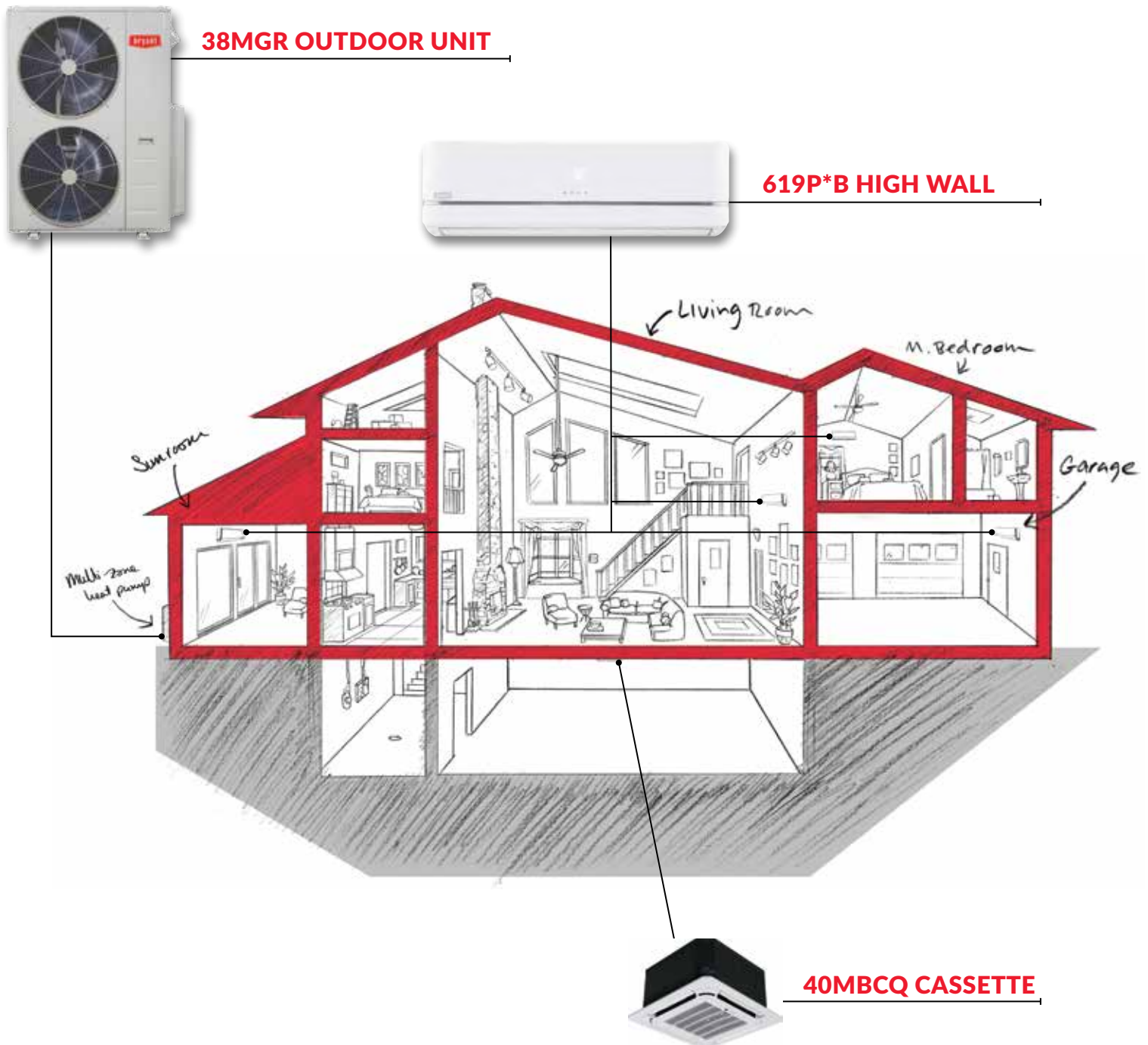
Whole-home comfort can seem difficult to achieve but working with Bryant makes it easy. With a diverse line of products to address almost any need, from hot or cold spots, to improving indoor air quality and programmable thermostats with Wi-Fi® capabilities, customized comfort is in your hands.

## **IMPROVED EFFICIENCY SAVINGS**

Help your customers invest in their home with efficient Bryant products. Energy efficient systems can reduce homeowners' energy consumption and carbon footprint. By reducing monthly utility bills over the life of a system, your customers will see how efficient equipment pays off.

# The Ductless Solution

Because ductless units are versatile in size, install location and style, they are a perfect solution to most home comfort needs. Bryant® Ductless gives homeowners control over the temperature in each room, allowing them to personalize their comfort. With ductless, your customers can address hot and cold spots throughout their home, make a garage or sunroom more functional for all seasons or provide added comfort to virtually any space in the home.



# Ductless Applications

## HOT OR COLD SPOTS

For rooms with hot or cold spots, Bryant® Ductless systems can provide more complete control, targeting those areas with uneven temperatures for more consistent comfort throughout your customer's whole home.



## CONVERTED ATTICS AND BASEMENTS

Ductless systems work well in rooms with tight spaces and/or hard-to-control temperatures. Inverter technology allows the system to run longer cycles at lower fan speeds, which helps the system dehumidify while cooling. Less humidity means more comfort, even at higher temperatures in attics, and better control of comfort in lower natural-light conditions typical in basements.



## RENOVATIONS AND ADDITIONS

Bryant Ductless systems can be easily integrated into new architecture. Because they don't require a connection to existing ductwork, no special accommodations need to be made for additional space between walls or above ceilings.





## EMPTY NESTS

Less kids means more space. In a home where some rooms are no longer being used every day, Bryant® Ductless systems can be configured so your customers are only heating or cooling spaces when using them, and saving on energy when they're not.



## SUNROOMS

In a room with a lot of windows and less wall space to hang a unit (as in a sunroom with mostly glass walls), a Floor Console unit can be installed detached from the wall on feet, allowing for lower-impact installation.



## GARAGES

For a space that may not be connected to your customer's central HVAC system, ductless offers compact cooling and heating power to keep them comfortable all year long.

# Ductless Systems

## SINGLE ZONE SYSTEMS RESIDENTIAL

Model	Appearance	Compatible with	Size	SEER/HSPF	Series	Page
<b>F High Wall System</b> 538F*R			09 - 18K	Up to 30.5 / 10.3	<b>EVOLUTION<sup>™</sup></b> SYSTEM	<b>9-10</b>
<b>38MA*R Outdoor Unit</b>			09 - 36K	Up to 25.0 / 12.0	<b>Preferred<sup>™</sup></b> SERIES	<b>11-24</b>
<b>38MHR Outdoor Unit</b>			09 - 24K	17.5 / 9.0	<b>LEGACY<sup>™</sup></b> LINE	<b>25-30</b>

## MULTI-ZONE SYSTEMS

Model	Appearance	Compatible with	Size	SEER/HSPF	Series	Page
<b>38VMH-1P Single-phase VRF Heat Pump</b>			36 - 60K	18.6 / 10.0		<b>31</b>
<b>K System</b> 538K*R			18 - 56K	Up to 22.0 / 10.2	<b>EVOLUTION<sup>™</sup></b> SYSTEM	<b>33-35</b>
<b>38MGR Outdoor Unit</b>			18 - 48K	Up to 23.8 / 10.5	<b>Preferred<sup>™</sup></b> SERIES	<b>36-38</b>



# Ductless Systems

SINGLE ZONE SYSTEMS LIGHT COMMERCIAL						
Model	Appearance	Compatible with	Size	SEER/HSPF	Series	Page
<b>38MBR Outdoor Unit</b>			36-48k	Up to 17.4 / 10.5	<i>Preferred</i> <sup>™</sup> SERIES	<b>39-42</b>
<b>124ANS and 224ANS Outdoor Unit</b>		  	18-54k	14.0 / 8.2	<i>Preferred</i> <sup>™</sup> SERIES	<b>43-52</b>
<b>Controllers</b>						<b>53</b>
<b>Glossary of Terms</b>						<b>54</b>

## F High Wall System

### High Efficiency and High Performance Heat Pump with Basepan Heater

Inverter Compressor

Up to 30.5 SEER

10.3 HSPF

Sizes: 09 / 12 / 18

All systems are ENERGY STAR® certified

#### Features:

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Up to 90% of Heating Capacity at -22° F (-30° C)
- 100% Heating Capacity at 5° F (-15° C)
- White and gray options
- Built-in basepan heater
- Up-down & right-left louver control
- Auto-restart function
- Seven fan speeds
- Quiet indoor operation, as low as 22 dB(A)
- Heating Setback (46° F Heating Mode)
- *Follow Me* (senses temperature at handheld remote)
- Piping length up to 82 ft.
- Cooling operating range  
0° ~ 129° F (-18° ~ 54° C)
- Heating operating range  
-22° ~ 75° F (-30° ~ 24° C)

#### Controls:

- Wireless Remote Controller included with indoor unit

#### Accessories:

- Condensate Pump
- Insulated 25' Line Set



**EVOLUTION**  
SYSTEM



8.1" depth from wall  
Available in white or gray



Condensate Pump  
53DS-900---118 (208/230V)

HEAT PUMP					
Size		09	12	18	
<b>System</b>	Outdoor Model	538FEQ009RBGA	538FEQ012RBGA	538FEQ018RBGA	
	Indoor Model (White)	619FEQ009HBGA	619FEQ012HBGA	619FEQ018HBGA	
	Indoor Model (Gray)	619FEQ009BBGA	619FEQ012BBGA	619FEQ018BBGA	
	ENERGY STAR®	YES	YES	YES	
<b>Performance</b>	Cooling System Tons	0.75	1.0	1.5	
	Cooling Rated Capacity	Btu/h	9,000	12,000	18,000
	Cooling Cap. Range Min - Max	Btu/h	1,535-12,966	2,900-15,354	4,435-21,496
	SEER		30.5	23.0	21.0
	EER		15.8	12.8	12.5
	Heating Rated Capacity (47° F)	Btu/h	9,000	13,000	19,000
	Heating Rated Capacity (17° F)	Btu/h	5,500	8,500	12,700
	Heating Maximum Capacity (17° F)	Btu/h	9,000	13,000	19,000
	Heating Maximum Capacity (5° F)	Btu/h	9,000	13,000	19,000
	Heating Cap. Range Min - Max	Btu/h	2,388-13,648	3,071-18,766	3,753-24,566
	HSPF		10.3	10.3	10.3
	COP	W/W	4.19	3.12	3.09
	Heating Capacity @ 5° F	Btu/h	9,000	12,185	18,521
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)		Standard		
	Wired Remote Controller (° F/° C Convertible)		Not available		
<b>Operating Range</b>	Cooling Outdoor DB Min - Max	° F (° C)	0~129 (-18~54)	0~129 (-18~54)	0~129 (-18~54)
	Heating Outdoor DB Min - Max	° F (° C)	-22~75 (-30~24)	-22~75(-30~24)	-22~75(-30~24)
	Cooling Indoor DB Min - Max	° F (° C)	64~95 (18~35)	64~95(18~35)	64~95(18~35)
	Heating Indoor DB Min - Max	° F (° C)	32~86 (0-30)	32~86 (0-30)	32~86 (0-30)
<b>Piping</b>	Total Piping Length	Ft. (m)	82 (25)	82 (25)	82 (25)
	Piping Lift*	Ft. (m)	33 (10)	33 (10)	33 (10)
	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Pipe Connection Size - Suction	In. (mm)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
<b>Refrigerant</b>	Type		R410A	R410A	R410A
	Charge	Lbs.	3.1	3.1	4.4
<b>Compressor</b>	Type		Rotary Inverter	Rotary Inverter	Rotary Inverter
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit		
	MCA	A.	12	13	19
	MOCP - Fuse Rating	A.	15	20	30
<b>Outdoor</b>	Unit Width	In. (mm)	35.4 (899)	35.4 (899)	38.6 (980)
	Unit Height	In. (mm)	23.5 (596)	23.5 (596)	31.1 (790)
	Unit Depth	In. (mm)	14.9 (378)	14.9 (378)	16.8 (427)
	Net Weight	Lbs. (kg)	99.2 (45)	97 (44)	141.1 (64)
	Airflow	CFM	1412	1412	2354
	Sound Pressure	dB(A)	53	55	59
<b>Indoor</b>	Unit Width	In. (mm)	37.8 (960)	37.8 (960)	37.8 (960)
	Unit Height	In. (mm)	12.6 (320)	12.6 (320)	12.6 (320)
	Unit Depth	In. (mm)	8.1 (205)	8.1 (205)	8.1 (205)
	Net Weight	Lbs. (kg)	30.9 (14)	30.9 (14)	30.9 (14)
	Number of Fan Speeds		7	7	7
	Airflow (lowest to highest)	CFM	206/235/294/324/353/383/412	265/294/353/383/412/441/471	324/353/412/441/471/500/530
	Sound Pressure (lowest to highest)	dB(A)	22/24/26/30/34/38/41	23/25/27/31/35/39/42	26/28/31/35/39/43/48
	Air Throw Data	Ft. (m)	29.5 (9)	29.5 (9)	29.5 (9)

\* Condensing unit above or below indoor unit

## 38MA\*R Outdoor Unit

### Heat Pump with Basepan Heater

Inverter Compressor

Up to 25.0 SEER

Up to 12.0 HSPF

Sizes: 09 / 12 / 18 / 24 / 30 / 36

Select sizes are ENERGY STAR® certified based on indoor unit pairing

#### Features:

- 100% heating capacity at 5° F (-15° C) - sizes 09-24 (208/230V)
- Available in 115V and 208/230V
- Built-in basepan heater
- Auto-restart function
- Condenser high temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 52.5 dB(A)
- Piping length 82 ~ 164 ft.
- Cooling operating range  
-13° ~ 122° F (-25° ~ 50° C)
- Heating operating range  
-22° ~ 86° F (-30° ~ 30° C) - Sizes 09-24 (208/230V)  
-13° ~ 86° F (-25° ~ 30° C) - Sizes 9, 12 (115V) & 30, 36 (208/230V)

#### Compatible with:

- 619P\*B High Wall. . . . . 15
- 40MBCQ Cassette . . . . . 17
- 619R\*D Ducted. . . . . 19
- 40MBDQ Ducted . . . . . 21
- 40MBFQ Floor Console. . . . . 23



**Preferred**<sup>™</sup>  
**SERIES**

# 38MA\*R Outdoor Unit Specs

HEAT PUMP										
System	Size		09	12	09	12	18	24	30	36
	Outdoor Model		38MAQB09R--1	38MAQB12R--1	38MAQB09R--3	38MAQB12R--3	38MAQB18R--3	38MAQB24R--3	38MAQB30R--3	38MAQB36R--3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	MCA	A.	15	15	09	09	18	20	20	25
	MOCP - Fuse Rating	A.	20	20	15	15	25	30	30	35
Operating Range	Cooling Outdoor DB Min - Max	° F (° C)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	° F (° C)	-13~86 (-25~30)	-13~86 (-25~30)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	-13~86 (-25~30)	-13~86 (-25~30)
Piping	Total Piping Length	Ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)	98 (30)	98 (30)	164 (50)	164 (50)
	Piping Lift*	Ft. (m)	32 (10)	32 (10)	32 (10)	32 (10)	65 (20)	65 (20)	82 (25)	82 (25)
	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charge	Lbs. (kg)	2.76 (1.25)	2.76 (1.25)	3.31 (1.5)	3.31 (1.5)	4.30 (1.95)	5.73 (2.60)	6.06 (2.75)	7.50 (3.40)
Compressor	Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor	Unit Width	In. (mm)	32.09 (815)	32.09 (815)	32.09 (815)	32.09 (815)	33.66 (855)	37.24 (946)	37.24 (946)	37.24 (946)
	Unit Height	In. (mm)	21.81 (554)	21.81 (554)	21.81 (554)	21.81 (554)	27.63 (702)	31.89 (810)	31.89 (810)	31.89 (810)
	Unit Depth	In. (mm)	13.11 (333)	13.11 (333)	13.11 (333)	13.11 (333)	14.17 (360)	16.14 (410)	16.14 (410)	16.14 (410)
	Net Weight	Lbs. (kg)	82.9 (37.6)	82.9 (37.6)	91.5 (41.5)	91.5 (41.5)	118.2 (53.6)	145.5 (66)	139.8 (63.4)	147.3 (66.8)
	Airflow	CFM	1,200	1,200	1,200	1,200	1,390	2,130	2,130	2,130
	Sound Pressure	dB(A)	52.5	52.5	55.5	56.0	57.5	60.5	60.5	60.5

\* Condensing unit above or below indoor unit

		Compatibility							
Indoor Unit		Outdoor Unit							
		38MAQB09R--1	38MAQB12R--1	38MAQB09R--3	38MAQB12R--3	38MAQB18R--3	38MAQB24R--3	38MAQB30R--3	38MAQB36R--3
619P*B High Wall	619PAQ009BBMA	•							
	619PAQ012BBMA		•						
	619PEQ009BBMA			•					
	619PEQ012BBMA				•				
	619PEQ018BBMA					•			
	619PEQ024BBMA						•		
	619PEQ030BBMA							•	
	619PEQ036BBMA								•
40MBCQ Cassette	40MBCQ09---3			•					
	40MBCQ12---3				•				
	40MBCQ18---3					•			
619R*D & 40MBDQ Ducted	619REQ009DBMA			•					
	619REQ012DBMA				•				
	40MBDQ18---3					•			
	40MBDQ24---3						•		
	40MBDQ36---3							•	
40MBFQ Floor Console	40MBFQ09---3			•					
	40MBFQ12---3				•				

Note: \*Ducted Style indoor units sizes 36 & 48 are ONLY compatible with 538R\*R Outdoor Unit

# 38MA\*R Outdoor Unit Specs

## Performance

System		Size	09	12	09	12	18	24	30	36
619P*B High Wall	Indoor Model		619PAQ009BBMA	619PAQ012BBMA	619PEQ009BBMA	619PEQ012BBMA	619PEQ018BBMA	619PEQ024BBMA	619PEQ030BBMA	619PEQ036BBMA
	ENERGY STAR®		YES	YES	YES	YES	YES	YES	NO	NO
	Cooling System Tons		0.8	1.0	0.8	1.0	1.4	2.0	2.5	3.0
	Cooling Rated Capacity	Btu/h	9,500	12,000	9,000	12,000	17,000	24,000	30,000	36,000
	Cooling Cap. Range Min - Max	Btu/h	3,500-11,000	4,000-13,000	3,500-13,000	4,000-13,800	4,500-18,800	5,500-24,500	8,000-30,500	8,000-36,200
	SEER		24.5	22.0	25.0	22.5	20.0	20.5	19.8	16.0
	EER		15.0	13.0	14.5	12.5	12.5	12.5	11.5	8.6
	Heating Rated Capacity (47° F)	Btu/h	11,000	12,000	10,900	11,800	18,000	24,000	30,000	36,000
	Heating Rated Capacity (17° F)	Btu/h	6,500	7,600	6,900	7,800	10,800	17,600	18,500	21,000
	Heating Maximum Capacity (17° F)	Btu/h	6,500	7,600	10,900	11,800	18,000	24,000	18,500	21,000
	Heating Maximum Capacity (5° F)	Btu/h	4,290	6,490	10,900	11,800	18,000	24,000	16,380	16,380
	Heating Cap. Range Min - Max	Btu/h	4,500-12,500	5,000-13,500	4,500-14,500	5,000-15,500	5,500-24,000	6,000-32,000	9,000-34,000	9,000-37,000
	HSPF		11.2	10.2	11.2	12.0	10.3	10.3	9.4	8.5
	COP (47° F)	W/W	3.66	3.40	3.80	3.56	3.14	3.10	2.60	2.56
	COP (5° F)	W/W	1.50	1.94	1.98	1.98	1.63	1.77	2.20	1.50

System			40MBCQ09---3	40MBCQ12---3	40MBCQ18---3				
40MBCQ Cassette	Indoor Model								
	ENERGY STAR®			YES	YES	YES			
	Cooling System Tons			0.8	1.0	1.3			
	Cooling Rated Capacity	Btu/h		9,000	12,000	16,000			
	Cooling Cap. Range Min - Max	Btu/h		3,500-11,000	4,000-13,000	4,500-18,000			
	SEER			20.0	19.5	20.0			
	EER			13.0	12.5	12.5			
	Heating Rated Capacity (47° F)	Btu/h		9,000	12,000	18,000			
	Heating Rated Capacity (17° F)	Btu/h		6,901	8,257	11,942			
	Heating Maximum Capacity (17° F)	Btu/h		9,000	12,000	18,000			
	Heating Maximum Capacity (5° F)	Btu/h		9,000	12,000	18,000			
	Heating Cap. Range Min - Max	Btu/h		4,500-11,500	5,000-13,500	5,500-19,000			
	HSPF			10.8	10.6	10.5			
	COP (47° F)	W/W		3.30	3.67	3.43			
	COP (5° F)	W/W		1.62	1.62	1.75			

System			619REQ009DBMA	619REQ012DBMA	40MBDQ18---3	40MBDQ24---3			
619R*D & 40MBDQ Ducted	Indoor Model								
	ENERGY STAR®			YES	YES	YES	YES		
	Cooling System Tons			0.8	1.0	1.4	2.0		
	Cooling Rated Capacity	Btu/h		9,000	11,500	16,500	24,000		
	Cooling Cap. Range Min - Max	Btu/h		3,500-11,000	4,000-13,000	4,500-18,000	5,500-24,500		
	SEER			19.0	19.0	19.6	20.5		
	EER			13.0	12.5	12.5	12.5		
	Heating Rated Capacity (47° F)	Btu/h		10,000	12,000	19,000	24,000		
	Heating Rated Capacity (17° F)	Btu/h		6,982	8,492	13,400	17,300		
	Heating Maximum Capacity (17° F)	Btu/h		10,000	12,000	20,200	25,400		
	Heating Maximum Capacity (5° F)	Btu/h		10,000	12,000	19,000	24,000		
	Heating Cap. Range Min - Max	Btu/h		4,500-11,500	5,000-13,500	5,500-19,000	6,000-26,000		
	HSPF			11.1	10.5	11.0	12.5		
	COP (47° F)	W/W		3.37	3.66	2.93	3.82		
	COP (5° F)	W/W		1.72	1.72	1.75	1.83		

System			40MBFQ09---3	40MBFQ12---3					
40MBFQ Floor Console	Indoor Model								
	ENERGY STAR®			YES	YES				
	Cooling System Tons			0.7	1.0				
	Cooling Rated Capacity	Btu/h		8,500	12,000				
	Cooling Cap. Range Min - Max	Btu/h		3,500-11,000	4,000-13,000				
	SEER			20.0	19.4				
	EER			12.5	12.5				
	Heating Rated Capacity (47° F)	Btu/h		9,000	12,000				
	Heating Rated Capacity (17° F)	Btu/h		6,831	8,448				
	Heating Maximum Capacity (17° F)	Btu/h		9,000	12,000				
	Heating Maximum Capacity (5° F)	Btu/h		9,000	12,000				
	Heating Cap. Range Min - Max	Btu/h		4,500-11,500	5,000-13,500				
	HSPF			11.6	10.5				
	COP (47° F)	W/W		3.34	3.17				
	COP (5° F)	W/W		1.49	1.49				



Housewise  
Wi-Fi® Thermostat



**KSAIC0101115 Ductless Indoor  
+ Outdoor Single Zone 115V**  
**KSAIC0101230 Ductless Indoor  
+ Outdoor Single Zone 208/230V**

**Features:**

- Control the Ductless System using a third party thermostat
- Available in 115V and 208/230V
- Four fan control speeds
- Modes: Auto, High, Med, Low
- Single Zone applications only
- One 24V Interface Kit per system
- Keeps the Inverter compressor operating as a variable speed system
- Rated for outdoor and indoor mounting
- Dry Mode contact for active dehumidification control
- Remote ON/OFF contact
- Auxiliary heat control through the thermostat
- Diagnostic code display LEDs
- Power supplied through the outdoor unit

**Compatible with:**

- 619P\*B High Wall\* ..... 15
- 40MHH High Wall ..... 29
- 40MBCQ Cassette ..... 17
- 619R\*D Ducted\*\* ..... 19
- 40MBDQ Ducted ..... 21
- 40MBFQ Floor Console..... 23

**KSAIC0101230 Ductless Outdoor\*\*\*  
Matched with Multi-Family Air Handler**

- Match a Multi-Family Air Handler with a Single Zone Ductless Outdoor and a third party thermostat
- Available in 208/230V
- Single Zone applications only
- One 24V Interface Kit per system
- Keeps the Inverter compressor operating as a variable speed system
- Rated for outdoor and indoor mounting
- Remote ON/OFF contact
- Auxiliary heat control through the thermostat
- Diagnostic code display LEDs
- Achieves up to 18.0 SEER and up to 12.0 HSPF
- Separate power necessary for the indoor unit and the outdoor unit

\*Compatible indoor units starting with serial number 4216V10001

\*\*Compatible indoor units starting with serial number 4616V10001

\*\*\*Matched with 38MA\*R Single Zone

# 619P\*B High Wall

Sizes: 09 / 12 / 18 / 24 / 30 / 36

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Available in 115V and 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Right-left louver control
- Four fan speeds
- Sleep Mode
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 27 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins

**Controls:**

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)
- Optional Wired Remote Controller KSACN0401AAA (7-Day Programmable)\*

*\*7-Day Programmable compatible with indoor units starting with serial number 0216V10001.*

**Accessories:**

- Condensate Pump (115V and 230V optional)
- Insulated 25' line set
- 24V Interface for compatibility with conventional thermostat

**Compatible with:**

- 38MA\*R Outdoor Unit Single Zone . . . . . 11
- 38MGR Outdoor Unit Multi-Zone . . . . . 36



Condensate Pump  
53DS-900---117 (115V)  
53DS-900---118 (208/230V)



Optional Wired Controller  
(7-Day Programmable)  
KSACN0401AAA



Optional Wired Controller  
(Timer Function)  
KSACN0101AAA



**Preferred**  
**SERIES**



HEAT PUMP										
System	Size		09	12	09	12	18	24	30	36
	Indoor Model		619PAQ009BBMA	619PAQ012BBMA	619PEQ009BBMA	619PEQ012BBMA	619PEQ018BBMA	619PEQ024BBMA	619PEQ030BBMA	619PEQ036BBMA
	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Electrical	Power Supply		Indoor unit powered from outdoor unit							
	MCA	A.	0.4	0.4	0.2	0.2	0.27	0.4	0.4	0.4
Controls	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Operating Range	Cooling Indoor DB Min - Max ° F (° C)		63-86 (17-30)	63-86 (17-30)	63-86 (17-30)	63-86 (17-30)	63-86 (17-30)	63-86 (17-30)	63-86 (17-30)	63-86 (17-30)
	Heating Indoor DB Min - Max ° F (° C)		32-86 (0-30)	32-86 (0-30)	32-86 (0-30)	32-86 (0-30)	32-86 (0-30)	32-86 (0-30)	32-86 (0-30)	32-86 (0-30)
Piping	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor	Unit Width	In. (mm)	32.87 (835)	32.87 (835)	32.87 (835)	32.87 (835)	38.98 (990)	46.69 (1186)	46.69 (1186)	46.69 (1186)
	Unit Height	In. (mm)	11.02 (280)	11.02 (280)	11.02 (280)	11.02 (280)	12.40 (315)	13.39 (343)	13.39 (343)	13.39 (343)
	Unit Depth	In. (mm)	7.80 (198)	7.80 (198)	7.80 (198)	7.80 (198)	8.58 (218)	10.16 (258)	10.16 (258)	10.16 (258)
	Net Weight	Lbs. (kg)	19.18 (8.7)	19.18 (8.7)	19.18 (8.7)	19.18 (8.7)	26.46 (12.0)	40.12 (18.2)	40.12 (18.2)	40.12 (18.2)
	Number of Fan Speeds		4	4	4	4	4	4	4	4
	Airflow (lowest to highest)	CFM	210/290/360/380	210/300/360/380	210/290/360/380	210/300/360/380	310/450/650/680	520/620/780/870	520/620/780/870	520/620/780/870
	Sound Pressure (lowest to highest)	dB(A)	27/34/42	27/34/42	27/34/42	27/34/42	33/40/46	39/45/50	39/45/50	39/45/50
	Air Throw Data	Ft. (m)	23 (7)	23 (7)	23 (7)	23 (7)	30 (9)	36 (11)	36 (11)	36 (11)
Field Drain Pipe Size O.D.	in. (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	

Compatibility								
Indoor Unit	619PAQ009BBMA	619PAQ012BBMA	619PEQ009BBMA	619PEQ012BBMA	619PEQ018BBMA	619PEQ024BBMA	619PEQ030BBMA	619PEQ036BBMA
Outdoor Unit Single Zone*	38MAQB09R--1	38MAQB12R--1	38MAQB09R--3	38MAQB12R--3	38MAQB18R--3	38MAQB24R--3	38MAQB30R--3	38MAQB36R--3
Outdoor Unit Multi-Zone*			38MGRQ18B--3					
			38MGRQ24C--3					
			38MGRQ30D--3					
			38MGRQ36D--3					
			38MGRQ48E--3					

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data. Backward compatible with 538P\*R Single Zone and 538T\*R Multi-Zone Systems

# 40MBCQ Cassette

Sizes: 09 / 12 / 18

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Auto-restart function
- Louver control (fixed or swing)
- Three fan speeds
- *Follow Me* (senses temperature at handheld remote)
- Quiet indoor operation, as low as 34 dB(A)
- Heating Setback (46° F Heating Mode)
- Built-in condensate lift pump
- Grille/ceiling panel 2ft x 2ft

**Controls:**

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)
- Optional Wired Remote Controller KSACN0501AAA (7-Day Programmable)

**Compatible with:**

- 38MA\*R Outdoor Unit Single Zone..... 11
- 38MGR Outdoor Unit Multi-Zone ..... 36

**Accessories:**

- Insulated 25' line set
- 24V Interface for compatibility with conventional thermostat



Optional Wired Controller (Timer Function) KSACN0101AAA



Optional Wired Controller (7-Day Programmable) KSACN0501AAA



**Preferred**<sup>™</sup>  
**SERIES**

HEAT PUMP					
System	Size		09	12	18
	Indoor Model		40MBCQ09---3	40MBCQ12---3	40MBCQ18---3
	Voltage, Phase, Cycle		V/Ph/Hz	208/230-1-60	208/230-1-60
Electrical	Power Supply		Indoor unit powered from outdoor unit		
	MCA	A.	0.2	0.2	0.2
Controls	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard
	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional
Operating Range	Cooling Indoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)
	Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
Piping	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)
Indoor	Body Unit Width		In. (mm)	22.44 (570)	22.44 (570)
	Body Unit Height		In. (mm)	10.24 (260)	10.24 (260)
	Body Unit Depth		In. (mm)	22.44 (570)	22.44 (570)
	Body Net Weight		Lbs. (kg)	35.27 (16)	35.27 (16)
	Panel Unit Width		In. (mm)	25.47 (647)	25.47 (647)
	Panel Unit Height		In. (mm)	1.97 (50)	1.97 (50)
	Panel Unit Depth		In. (mm)	25.47 (647)	25.47 (647)
	Panel Net Weight		Lbs. (kg)	5.51 (2.5)	5.51 (2.5)
	Number of Fan Speeds			3	3
	Airflow (lowest to highest)		CFM	260/320/380	280/340/400
	Sound Pressure (lowest to highest)		dB(A)	34/39/44	36/39/42
	Field Drain Pipe Size O.D.		in. (mm)	1 (25.4)	1 (25.4)

Compatibility			
Indoor Unit	40MBCQ09---3	40MBCQ12---3	40MBCQ18---3
Outdoor Unit Single Zone*	38MAQB09R--3	38MAQB12R--3	38MAQB18R--3
Outdoor Unit Multi-Zone*	38MGRQ18B--3		
	38MGRQ24C--3		
	38MGRQ30D--3		
	38MGRQ36D--3		
	38MGRQ48E--3		

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.  
Backward compatible with 538P\*R Single Zone and 538T\*R Multi-Zone Systems

# 619R\*D Ducted

Sizes: 09 / 12

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- One-touch memory
- Three fan speeds
- *Follow Me* (senses temperature at handheld remote)
- Quiet indoor operation, as low as 30 dB(A)
- Heating Setback (46° F Heating Mode)
- Built-in condensate lift pump
- Bottom or Rear return
- Aluminum Blue Hydrophilic pre-coated fins

**Controls:**

- Wireless Remote Controller included with indoor unit
- Wired Remote Controller KSACN0501AAA (7-Day Programmable) included with indoor unit\*
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)

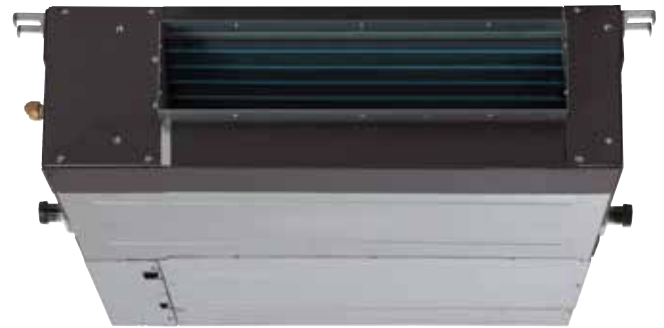
**Accessories:**

- Insulated 25' Line Set
- 24V Interface for compatibility with conventional thermostat

\*KSACN0101AAA included on units prior S/N 0117V10001

**Compatible with:**

- 38MA\*R Outdoor Unit Single Zone..... 11
- 38MGR Outdoor Unit Multi-Zone ..... 36



Optional Wired Controller (Timer Function) KSACN0101AAA



Standard Wired Controller (7-Day Programmable) KSACN0501AAA



HEAT PUMP				
Size		09	12	
<b>System</b>	Indoor Model	619REQ009DBMA	619REQ012DBMA	
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	Power Supply	Indoor unit powered from outdoor unit		
	MCA	A.	0.51	0.51
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	
	Wired Remote Controller (° F/° C Convertible)	Standard	Standard	
<b>Operating Range</b>	Cooling Indoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)
	Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)
<b>Piping</b>	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)
<b>Indoor</b>	Unit Width	In. (mm)	27.56 (700)	27.56 (700)
	Unit Height	In. (mm)	8.27 (210)	8.27 (210)
	Unit Depth	In. (mm)	25.00 (635)	25.00 (635)
	Net Weight	Lbs. (kg)	39.90 (18.1)	39.90 (18.1)
	Number of Fan Speeds		3	3
	Airflow (lowest to highest)	CFM	290/340/380	290/340/380
	Sound Pressure (lowest to highest)	dB(A)	30/33/36	30/34/38
	Max Static Pressure	In.WG.	0.18	0.18
	Field Drain Pipe Size O.D.	in. (mm)	1 (25.4)	1 (25.4)

Compatibility		
Indoor Unit	619REQ009DBMA	619REQ012DBMA
<b>Outdoor Unit Single Zone*</b>	38MAQB09R--3	38MAQB12R--3
<b>Outdoor Unit Multi-Zone*</b>	38MGRQ18E--3	
	38MGRQ24C--3	
	38MGRQ30D--3	
	38MGRQ36D--3	
	38MGRQ48E--3	

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.  
Backward compatible with 538P\*R Single Zone and 538T\*R Multi-Zone Systems

# 40MBDQ Ducted

Sizes: 18 / 24

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Modes: Cool, Heat, Dry, Fan, Auto
- Vertical or horizontal installation
- Up to 0.64 in WG
- Rear or bottom return
- Outside air intake
- Built-in condensate lift pump
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 35 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins

**Controls:**

- Wireless Remote Controller included with indoor unit
- Wired Remote Controller KSACN0501AAA (7-Day Programmable) included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)

**Accessories:**

- Insulated 25' Line Set
- 24V Interface for compatibility with conventional thermostat

**Compatible with:**

- 38MA\*R Outdoor Unit Single Zone..... 11
- 38MGR Outdoor Unit Multi-Zone ..... 36



Standard Wired Controller  
(7-Day Programmable)  
KSACN0501AAA



Optional Wired Controller  
(Timer Function)  
KSACN0101AAA



**Preferred**<sup>™</sup>  
**SERIES**

## HEAT PUMP

Size		18	24
<b>System</b>	Indoor Model	40MBDQ18---3	40MBDQ24---3
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply	Indoor unit powered from outdoor unit	
	MCA	A.	1.2
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard
	Wired Remote Controller (° F/° C Convertible)	Standard	Standard
<b>Operating Range</b>	Cooling Indoor DB Min -Max	° F (° C)	63~90 (17~32)
	Heating Indoor DB Min -Max	° F (° C)	32~86 (0~30)
<b>Piping</b>	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	In. (mm)	1/2 (12.7)
<b>Indoor</b>	Unit Width	In. (mm)	34.65 (880)
	Unit Height	In. (mm)	8.27 (210)
	Unit Depth	In. (mm)	26.54 (674)
	Net Weight	Lbs. (kg)	54 (24.5)
	Number of Fan Speeds		3
	Airflow (lowest to highest)	CFM	300/400/480
	Sound Pressure (lowest to highest)	dB(A)	35/37/39
	Max Static Pressure	In.WG.	0.40
Field Drain Pipe Size O.D.	In. (mm)	1 (25.4)	

## Compatibility

Indoor Unit	40MBDQ18---3	40MBDQ24---3
<b>Outdoor Unit Single Zone*</b>	38MAQB18R--3	38MAQB24R--3
<b>Outdoor Unit Multi-Zone*</b>	38MGRQ24C--3	
	38MGRQ30D--3	
	38MGRQ36D--3	
	38MGRQ48E--3	

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data. For sizes 38 and 48, refer to the Light Commercial section. Backward compatible with 538P\*R Single Zone and 538T\*R Multi-Zone Systems

# 40MBFQ Floor Console

Sizes: 09 / 12

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Available 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Auto-restart function
- Up-down louver control (fixed or swing)
- Three fan speeds
- Air discharge from top and bottom
- *Follow Me* (senses temperature at handheld remote)
- Quiet indoor operation, as low as 34 dB(A)
- Heating Setback (46° F Heating Mode)

**Controls:**

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)
- Optional Wired Remote Controller KSACN0401AAA (7-Day Programmable)\*

*\*7-Day Programmable compatible with indoor units starting with serial number 0117V10001.*

**Compatible with:**

- 38MA\*R Outdoor Unit Single Zone . . . . . 11
- 38MGR Outdoor Unit Multi-Zone . . . . . 36

**Accessories:**

- Condensate Pump
- Insulated 25' line set
- 24V Interface for compatibility with conventional thermostat



**Preferred**  
SERIES™



Optional Wired Controller (7-Day Programmable) KSACN0401AAA



Condensate Pump 53DS-900---118 (208/230V)



Optional Wired Controller (Timer Function) KSACN0101AAA



HEAT PUMP				
		Size	09	12
<b>System</b>	Indoor Model		40MBFQ09---3	40MBFQ12---3
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit	
	MCA	A.	0.29	0.29
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)		Standard	
	Wired Remote Controller (° F/° C Convertible)		Optional	
<b>Operating Range</b>	Cooling Indoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)
	Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)
<b>Piping</b>	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)
<b>Indoor</b>	Unit Width	In. (mm)	27.56 (700)	27.56 (700)
	Unit Height	In. (mm)	23.62 (600)	23.62 (600)
	Unit Depth	In. (mm)	8.27 (210)	8.27 (210)
	Net Weight	Lbs. (kg)	32.41 (14.7)	32.41 (14.7)
	Number of Fan Speeds		3	3
	Airflow (lowest to highest)	CFM	220/250/280	220/250/280
	Sound Pressure (lowest to highest)	dB(A)	37/38/41	34/41/45
	Field Drain Pipe Size O.D.	In. (mm)	1 (25.4)	1 (25.4)

Compatibility		
Indoor Unit	40MBFQ09---3	40MBFQ12---3
Outdoor Unit Single Zone*	38MAQB09R--3	38MAQB12R--3
Outdoor Unit Multi-Zone*	38MGRQ18B--3	
	38MGRQ24C--3	
	38MGRQ30D--3	
	38MGRQ36D--3	
	38MGRQ48E--3	

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data. Backward compatible with 538P\*R Single Zone and 538T\*R Multi-Zone Systems

## 38MHR Outdoor Unit

### Cooling Only – 38MHRC Heat Pump – 38MHRQ

Inverter Compressor

Up to 17.5 SEER

9.0 HSPF

Sizes: 09 / 12 / 18 / 24

#### Features Outdoor:

- Cost competitive
- Available in 115V and 208/230V
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 50.5 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins
- Piping length 82~164 ft. (25-50m)
- Cooling operating range  
0°~122° F (-17°~50° C)
- Heating operating range  
0°~86° F (-17°~30° C)

#### Compatible with:

- 40MHHC High Wall Cooling Only . . . . . 29
- 40MHHC High Wall Heat Pump . . . . . 29



**LEGACY™**  
**LINE**

# 38MHR Outdoor Unit Specs

COOLING ONLY									
System		Size	9	12	9	12	18	24	
Electrical	Outdoor Model		38MHRC09A--1	38MHRC12A--1	38MHRC09A--3	38MHRC12A--3	38MHRC18A--3	38MHRC24A--3	
	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	
	MCA	A.	13	13	7	7	11	16	
Operating Range	MOCP - Fuse Rating		A.	20	20	15	15	15	25
	Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	
Piping	Total Piping Length		Ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)
	Piping Lift*		Ft. (m)	32 (10)	32 (10)	32 (10)	32 (10)	65 (20)	65 (20)
	Pipe Connection Size - Liquid		In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
	Pipe Connection Size - Suction		In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Charge		Lbs. (kg)	1.06 (0.48)	1.30 (0.59)	1.06 (0.48)	1.30 (0.59)	2.09 (0.95)	2.64 (1.20)
Compressor	Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	
	Unit Width		In. (mm)	30.31(770)	30.31(770)	30.31(770)	30.31(770)	31.50(800)	33.27(845)
Outdoor	Unit Height		In. (mm)	21.85(555)	21.85(555)	21.85(555)	21.85(555)	21.81(554)	27.64(702)
	Unit Depth		In. (mm)	11.81(300)	11.81(300)	11.81(300)	11.81(300)	13.11(333)	14.29(363)
	Net Weight		Lbs. (kg)	57.3(26)	57.8(26.2)	54.7(24.8)	53.8(24.4)	70.1(31.8)	88.6(40.2)
	Airflow		CFM	506	506	506	506	518	553
	Sound Pressure		dB(A)	50.5	52.0	53.0	54.0	57.0	59.5

\* Condensing unit above or below indoor unit

Compatibility Table							
INDOOR UNIT		OUTDOOR UNIT					
		38MHRC09A--1	38MHRC12A--1	38MHRC09A--3	38MHRC12A--3	38MHRC18A--3	38MHRC24A--3
40MHHC High Wall	40MHHC09---1	•					
	40MHHC12---1		•				
	40MHHC09---3			•			
	40MHHC12---3				•		
	40MHHC18---3					•	
	40MHHC24---3						•

Performance									
INDOOR UNIT		40MHHC09---1	40MHHC12---1	40MHHC09---3	40MHHC12---3	40MHHC18---3	40MHHC24---3		
40MHHC High Wall	ENERGY STAR®		NO	NO	NO	NO	NO		
	Cooling System Tons		0.8	1.0	0.8	1.0	1.5	2.0	
	Cooling Rated Capacity		Btu/h	9,000	12,000	9,000	12,000	18,000	24,000
	Cooling Cap. Range Min - Max		Btu/h	4400~10200	4800~13200	4400~10000	4800~13000	5800~18600	9400~25200
	SEER			16.6	17.3	16.0	16.5	17.0	17.5
	EER			11.6	10.7	10.6	10.8	10.5	10.9

# 38MHR Outdoor Unit Specs

HEAT PUMP								
System	Size		9	12	9	12	18	24
Outdoor Model			38MHRQ09A--1	38MHRQ12A--1	38MHRQ09A--3	38MHRQ12A--3	38MHRQ18A--3	38MHRQ24A--3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	MCA	A.	13	13	8	10	15	18
	MOCP - Fuse Rating	A.	20	20	15	15	20	25
Operating Range	Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)
	Heating Outdoor DB Min - Max	° F (° C)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)
Piping	Total Piping Length	Ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)
	Piping Lift*	Ft. (m)	32 (10)	32 (10)	32 (10)	32 (10)	65 (20)	65 (20)
	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Charge	Lbs. (kg)	1.76 (0.80)	2.11 (0.96)	1.76 (0.80)	2.11 (0.96)	2.82 (1.28)	3.97 (1.80)
Compressor	Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Unit Width	In. (mm)	30.31(770)	30.31(770)	30.31(770)	30.31(770)	31.50(800)	33.27(845)
	Unit Height	In. (mm)	21.85(555)	21.85(555)	21.85(555)	21.85(555)	21.81(554)	27.64(702)
	Unit Depth	In. (mm)	11.81(300)	11.81(300)	11.81(300)	11.81(300)	13.11(333)	14.29(363)
	Net Weight	Lbs. (kg)	61.5(27.9)	65.0(29.5)	57.1(25.9)	60.6(27.5)	94.6(42.9)	105.2(47.7)
	Airflow	CFM	506	506	506	506	518	553
	Sound Pressure	dB(A)	52.0	53.0	54.0	53.0	57.0	60.1

\* Condensing unit above or below indoor unit

Compatibility Table						
INDOOR UNIT	OUTDOOR UNIT					
	38MHRQ09A--1	38MHRQ12A--1	38MHRQ09A--3	38MHRQ12A--3	38MHRQ18A--3	38MHRQ24A--3
40MHHQ High Wall	40MHHQ09---1					
	40MHHQ12---1					
	40MHHQ09---3					
	40MHHQ12---3					
	40MHHQ18---3					
	40MHHQ24---3					

Performance								
40MHHQ High Wall	Indoor Model		40MHHQ09---1	40MHHQ12---1	40MHHQ09---3	40MHHQ12---3	40MHHQ18---3	40MHHQ24---3
	ENERGY STAR®		NO	NO	NO	NO	NO	NO
	Cooling System Tons		0.8	1.0	0.7	1.0	1.5	1.8
	Cooling Rated Capacity	Btu/h	9,000	12,000	8,500	12,000	18,000	22,000
	Cooling Cap. Range Min - Max	Btu/h	2400~10500	3000~12500	2400~10000	3000~12500	3500~19800	4000~24200
	SEER		16.0	16.8	16.0	17.0	16.0	16.8
	EER		11	10.8	10.5	10.9	11	10.5
	Heating Rated Capacity (47° F)	Btu/h	9,800	12,000	9,800	12,000	18,000	25,000
	Heating Rated Capacity (17° F)	Btu/h	6,000	7,200	6,000	7,200	10,200	15,000
	Heating Maximum Capacity (17° F)	Btu/h	6,470	8,520	6,580	8,450	11,830	18,100
	Heating Maximum Capacity (5° F)	Btu/h	6,150	9,000	6,070	8,880	10,150	16,760
	Heating Cap. Range Min - Max	Btu/h	2500~11800	3000~12800	2500~11800	3000~12800	3500~19800	4000~24200
	HSPF		9.0	9.0	9.0	9.0	9.0	9.0
	COP (47° F)	W/W	3.06	3.10	3.08	3.20	3.22	2.90
	COP (5° F)	W/W	1.80	1.60	1.60	1.60	1.50	1.40



# 40MHH High Wall

**Cooling Only – 40MHHC**  
**Heat Pump – 40MHHQ**

Sizes: 09 / 12 / 18 / 24

**Features:**

- Available in 115V and 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Up-down Louver control (fixed or swing)
- Remove filter from the top
- Improved serviceability with easy access to fan and electrical connections
- Four fan speeds
- Sleep Mode
- *Follow Me* (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 27 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins

**Controls:**

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0401AAA (7-Day Programmable)

**Accessories:**

- Condensate Pump (115V and 230V optional)
- Insulated 25' Line Set
- 24V Interface for compatibility with conventional thermostat

**Compatible with:**

- 38MHR Outdoor Unit Single Zone ..... 25
- 38MGR Outdoor Unit Multi-Zone ..... 36



Optional Wired Controller  
 (7-Day Programmable)  
 KSACN0401AAA



Condensate Pump  
 53DS-900---117 (115V)  
 53DS-900---118 (208/230V)



COOLING ONLY								
System	Size		9	12	9	12	18	24
Electrical	Indoor Model		40MHHC09---1	40MHHC12---1	40MHHC09---3	40MHHC12---3	40MHHC18---3	40MHHC24---3
	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit					
Controls	MCA	A.	0.3	0.3	0.25	0.25	0.4	0.45
	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard
Operating Range	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional
	Cooling Indoor DB Min -Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)
Piping	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Indoor	Unit Width	In. (mm)	28.53 (725)	32.00 (813)	28.53 (725)	32.00 (813)	38.36 (974)	43.83 (1113)
	Unit Height	In. (mm)	11.81 (300)	11.81 (300)	11.81 (300)	11.81 (300)	12.8 (325)	13.41 (341)
	Unit Depth	In. (mm)	7.75 (197)	7.75 (197)	7.75 (197)	7.75 (197)	8.87 (225)	9.22 (234)
	Net Weight	Lbs. (kg)	16.53 (7.5)	17.64 (8)	16.53 (7.5)	17.64 (8)	23.15 (10.5)	30.86 (14)
	Number of Fan Speeds		4	4	4	4	4	4
	Airflow (lowest to highest)	CFM	163/205/239/265	190/239/301/328	177/224/260/286	188/238/305	344/422/506/550	420/514/609/640
	Sound Pressure (lowest to highest)	dB(A)	27/35/39/40	29/36/41/42	28/35/39/40	28/35/40/42	34/39/43/45	39/44/49/49
	Air throw Data	Ft. (m)	20 (6.1)	22 (6.7)	20.3 (6.2)	22 (6.7)	24 (7.3)	39.4 (12)
	Moisture removal	Pint/h (L/h)	2.07 ( 0.98)	3.17 ( 1.50)	2.07 (0.98 )	3.09 ( 1.46)	4.61 (2.18)	6.38 (3.02)
	Field Drain Pipe Size O.D.	In. (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)

Compatibility Table

Indoor Unit	40MHHC09---1	40MHHC12---1	40MHHC09---3	40MHHC12---3	40MHHC18---3	40MHHC24---3
Outdoor Unit Single Zone*	38MHRQ09A--1	38MHRQ12A--1	38MHRQ09A--3	38MHRQ12A--3	38MHRQ18A--3	38MHRQ24A--3
Outdoor Unit Multi-Zone*						

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.

HEAT PUMP

System	Size		9	12	9	12	18	24
Electrical	Indoor Model		40MHHQ09---1	40MHHQ12---1	40MHHQ09---3	40MHHQ12---3	40MHHQ18---3	40MHHQ24---3
	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit					
Controls	MCA	A.	0.3	0.3	0.25	0.25	0.28	0.45
	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard
Operating Range	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional
	Cooling Indoor DB Min -Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)
Piping	Heating Indoor DB Min -Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
	Pipe Connection Size - Liquid	In. (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
Indoor	Pipe Connection Size - Suction	In. (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
	Unit Width	In. (mm)	28.53 (725)	32.00 (813)	28.53 (725)	32.00 (813)	38.36 (974)	43.83 (1113)
	Unit Height	In. (mm)	11.81 (300)	11.81 (300)	11.81 (300)	11.81 (300)	12.8 (325)	13.41 (341)
	Unit Depth	In. (mm)	7.75 (197)	7.75 (197)	7.75 (197)	7.75 (197)	8.87 (225)	9.22 (234)
	Net Weight	Lbs. (kg)	21.83(9.9)	22.49(10.2)	21.16 (9.6)	22.49(10.2)	31.97(14.5)	40.12(18.2)
	Number of Fan Speeds		4	4	4	4	4	4
	Airflow (lowest to highest)	CFM	153/253/282/312	200/265/306/329	165/229/271/324	212/282/324/353	353/412/529/559	353/483/589/647
	Sound Pressure (lowest to highest)	dB(A)	31/35/39/41	29/38/42/42	31/36/40/42	34/39/41/43	34/39/44/46	38/42/48/49
	Air throw Data	Ft. (m)	20.7 (6.3)	22 (6.7)	20.3 (6.2)	22.6 (6.9)	25 (7.6)	37.7 (11.5)
	Moisture removal	Pint/h (L/h)	2.03 ( 0.96)	3.49 ( 1.65)	2.05 (0.97)	3.38 (1.6)	4.63 (2.19)	5.73 (2.71)
Field Drain Pipe Size O.D.	In. (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	

Compatibility Table

Indoor Unit	40MHHQ09---1	40MHHQ12---1	40MHHQ09---3	40MHHQ12---3	40MHHQ18---3	40MHHQ24---3
Outdoor Unit Single Zone*	38MHRQ09A--1	38MHRQ12A--1	38MHRQ09A--3	38MHRQ12A--3	38MHRQ18A--3	38MHRQ24A--3
Outdoor Unit Multi-Zone*				38MGRQ18B--3		
				38MGRQ24C--3		
				38MGRQ30D--3		
				38MGRQ36D--3		
			38MGRQ48E--3			

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.

# 38VMH-1P Single-Phase VRF Heat Pump

## Heat Pump

Inverter-Driven Scroll Compressor

Up to 18.6 SEER

Up to 10.0 HSPF

Sizes: 36 / 48 / 60

### Features:

- Available in 208/230V -1-60
- Connect 1 ~ 9, multiple style indoor units (Bryant VRF indoor units)
- Total piping length 492 ft.
- Quiet outdoor operation, as low as 58.7 dB(A)
- Cooling operating range 5° ~ 118° F (-15° ~ 47.7° C)
- Heating operating range -13° ~ 64° F (-25° ~ 17.7° C)

### Accessories:

- Y-joint
- Branch Header
- 24V Interface for compatibility with conventional thermostat

To learn more about the Bryant Single-phase VRF heat pump product and compatible indoor units, visit [BryantVRF.com](http://BryantVRF.com).







# K System

## Heat Pump with Basepan Heater

Inverter Compressor

Up to 22.0 SEER

Up to 10.2 HSPF

Sizes: 18 / 24 / 30 / 36 / 42 / 48 / 56

Select systems are ENERGY STAR® certified based on indoor unit combinations

### Features:

- Available in 208/230V
- Connect 2 ~ 9, multiple style indoor units
  - High Wall (F and K\*B)
  - Ducted (K\*D)
  - Cassette (K\*C)<sup>1</sup>
  - Floor Console (K\*F)
- Built-in basepan heater
- Total piping length 66 ft. ~ 476 ft.
- Auto-restart function
- Quiet outdoor operation, as low as 56 dB(A)
- Cooling operating range 0° ~ 119° F (-18° ~ 48° C)
- Heating operating range -4° ~ 75° F (-20° ~ 24° C)

### Controls:

- Wireless Remote Controller included with each indoor unit
- Wired Remote Controller KSACN0301AAA included with each Ducted and Cassette indoor unit (optional KSACN0201AAA on K\*B High Wall)

### Accessories:

- Branch Boxes (for sizes 48 - 56)
- Condensate Pump
  - Available as standard on Ducted and Cassette indoor units
- Insulated 25' Line Set

### Combinations:

To access the Combination Charts, log into [www.hvacpartners.com](http://www.hvacpartners.com) and do either of the following:

- In the search area, type in "K Combination Chart" and search. Once the results appear, click on the document titled "K Multi-Zone Combination Chart".

OR

- Go to Products & Solutions > Product Catalog > Ductless Systems > Multi-Zone HP > 538KR Evolution® Multi-Zone Heat Pump > Documents > Marketing > Catalog > K Multi-Zone Combination Chart
- Visit [http://www.utcccs-cdn.com/hvac/docs/1010/Public/0B/K\\_Multi-Zone\\_Combination\\_Chart.pdf](http://www.utcccs-cdn.com/hvac/docs/1010/Public/0B/K_Multi-Zone_Combination_Chart.pdf) to view the document.

<sup>1</sup> Grille is required on Cassette Indoor Units; sold separately.



**EVOLUTION**  
SYSTEM



Condensate Pump  
53DS-900---118 (208/230V)

Optional Wired Controller  
KSACN0201AAA  
Not available for F & K\*F units

HEAT PUMP										
System	Size	18	24	30	36	42	48	56		
	Outdoor Model	538KEQ018RCGA	538KEQ024RDGA	538KEQ030RFGA	538KEQ036RGGGA	538KEQ042RGGGA	538KEQ048RKGA	538KEQ056RLGA		
	Max Number of Zones	2	3	4	5	5	8	9		
Performance Non-Ducted	ENERGY STAR®	YES	NO	NO	NO	NO	NO	NO		
	Cooling System Tons	1.5	2.2	2.4	2.8	3.3	4.0	4.4		
	Cooling Rated Capacity	Btu/h	18,000	26,000	29,000	34,000	39,000	48,000	53,000	
	Cooling Cap. Range Min - Max	Btu/h	7,000-21,000	7,500-33,000	8,189-33,438	8,871-35,826	8,871-40,944	3,412-54,592	3,412-61,416	
	SEER		22.0	20.5	21.0	21.0	21.0	16.0	16.0	
	EER		12.5	9.5	12.0	12.4	10.43	9.56	9.45	
	Heating Rated Capacity (47° F)	Btu/h	19,000	29,000	31,600	42,500	45,000	54,500	61,500	
	Heating Cap. Range Min - Max	Btu/h	8,530-22,600	7,500-35,000	8,189-32,414	8,871-44,356	8,871-46,062	4,094-59,368	4,094-63,122	
	HSPF		9.0	10.2	10.2	10.2	10.2	8.2	8.2	
	COP @ 47° F	W/W	3.85	3.86	3.76	3.63	3.50	3.53	3.34	
	COP @ 17° F	W/W	2.96	2.69	2.71	2.56	2.68	2.21	2.11	
	Performance Combination Ducted and Non-Ducted	ENERGY STAR®	No	No	No	No	No	No	No	
Cooling Rated Capacity		Btu/h	18,000	26,000	29,200	34,000	39,500	48,500	53,000	
Cooling Cap. Range Min - Max		Btu/h	7,000-21,000	7,500-33,000	7,195-32,118	16,511.5-36,395.5	11,335.5-41,872	7,706-53,296	8,456-58,708	
SEER			18.0	17.25	17.75	17.9	17.85	15.75	15.75	
EER			11.0	8.75	10.55	11.25	10.1	9.2	9.1	
Heating Rated Capacity (47° F)		Btu/h	19,000	29,000	31,800	43,000	46,000	54,500	61,000	
Heating Cap. Range Min - Max		Btu/h	8,530-22,600	7,500-35,000	7,344.5-32,457	8,051-44,550.5	8,185.5-46,531	10,047-56,934	10,047-34,611	
HSPF			9.0	9.6	10.0	9.9	9.9	8.2	8.2	
COP @ 47° F		W/W	3.53	3.52	3.52	3.30	3.31	3.32	3.18	
COP @ 17° F		W/W	2.68	2.51	2.60	2.43	2.50	2.19	2.16	
Performance Ducted		ENERGY STAR®	No	No	No	No	No	No	No	
		Cooling Rated Capacity	Btu/h	18,000	26,000	29,200	34,000	39,500	48,500	52,500
	Cooling Cap. Range Min - Max	Btu/h	7,000-21,000	7,500-33,000	6,200-30,800	12,706-36,965	13,800-42,800	12,000-52,000	13,500-56,000	
	SEER		14.0	14.0	14.5	14.8	14.7	15.5	15.5	
	EER		9.5	8.0	9.1	10.1	9.8	8.8	8.7	
	Heating Rated Capacity (47° F)	Btu/h	19,000	29,000	32,000	43,500	46,500	54,500	60,500	
	Heating Cap. Range Min - Max	Btu/h	8,530-22,600	7,500-35,000	6,500-32,500	7,231-44,745	7,500-47,000	16,000-54,500	16,000-61,000	
	HSPF		9.0	9.0	9.8	9.6	9.6	8.2	8.2	
	COP @ 47° F	W/W	3.22	3.18	3.29	2.97	3.12	3.11	3.01	
	COP @ 17° F	W/W	2.39	2.32	2.49	2.29	2.32	2.17	2.21	
	Operating Range	Cooling Outdoor DB Min - Max	° F	0-119	0-119	0-119	0-119	0-119	0-119	0-119
		Heating Outdoor DB Min - Max	° F	-4-75	-4-75	-4-75	-4-75	-4-75	-4-75	-4-75
Piping	Total Piping Length	Ft.	65	196	230	246	246	443	476	
	Piping to furthest FCU	Ft.	33	65	82	82	82	229	229	
	Drop (OD above ID)	Ft.	32	32	49	49	49	98	98	
	Lift (OD below ID)	Ft.	33	33	49	49	49	98	98	
	Pipe Connection Size - Liquid	In.	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	
	Pipe Connection Size - Suction	In.	3/8"	3/8"	3/8"	3/8"	3/8"	5/8"	5/8"	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	
	Power Supply		Indoor unit powered from outdoor unit					Powered from Branch Box		
	MCA	A.	15	21	19	21	24	30	30	
	MOCP - Fuse Rating	A.	25	35	30	35	40	50	50	
Compressor	Type		Rotary Inverter							
Outdoor	Unit Width	In.	37.6	38.6	38.6	42.8	42.8	35.4	35.4	
	Unit Height	In.	27.6	31.1	31.1	43.4	43.4	53.0	53.0	
	Unit Depth	In.	15.6	16.8	17.3	17.3	17.3	13.4	13.4	
	Net Weight	Lbs.	114.7	153.2	145.5	198.4	198.4	255.7	255.7	
	Airflow	CFM	1,883	2,354	2,330	4,531	4,531	3,766	4,119	
	Sound Pressure	dB(A)	56	59	59	61	61	57	57	

# K System Compatible Indoor Units

		Performance				
		09	12	18	21	24
System	Size					
	Model (White)	619FEQ009HBGA	619FEQ012HBGA	619FEQ018HBGA		
	Model (Gray)	619FEQ009BBGA	619FEQ012BBGA	619FEQ018BBGA		
	Unit Width	In. 37.8	37.8	37.8		
	Unit Height	In. 12.6	12.6	12.6		
	Unit Depth	In. 8.1	8.1	8.1		
	Net Weight	Lbs. 30.9	30.9	30.9		
	Pipe Connection Size - Liquid	In. 1/4"	1/4"	1/4"		
	Pipe Connection Size - Suction	In. 1/2"	1/2"	5/8"		
	Number of Fan Speeds	7	7	7		
	Airflow (lowest to highest)	CFM 206/235/294/324/353/383/412	265/294/353/383/412/441/471	324/353/412/441/471/500/530		
	Sound Pressure (lowest to highest)	dB(A) 22/24/26/30/34/38/41	23/25/27/31/35/39/42	26/28/31/35/39/43/48		
	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	Standard		
Wired Remote Controller (° F/° C Convertible)	Not Available	Not Available	Not Available			
System	Size					
	Model (White)	619KEQ009BBGA	619KEQ012BBGA	619KEQ018BBGA		619KEQ024BBGA
	Model (Gray)					
	Unit Width	In. 34.1	34.1	40.1		46.4
	Unit Height	In. 11.5	11.5	12.6		2.8
	Unit Depth	In. 8.2	8.2	9.1		10.4
	Net Weight	Lbs. 24.3	24.3	30.9		38.6
	Pipe Connection Size - Liquid	In. 1/4"	1/4"	1/4"		1/4"
	Pipe Connection Size - Suction	In. 1/2"	1/2"	5/8"		5/8"
	Number of Fan Speeds	7	7	7		7
	Airflow (lowest to highest)	CFM 224/241/271/312/359/394/430	224/241/271/312/394/453/659	282/330/371/418/465/512/589		294/353/412/471/530/588/647
	Sound Pressure (lowest to highest)	dB(A) 23/26/30/34/36/38/42	24/26/30/34/36/38/44	33/36/38/41/44/47/51		38/41/43/45/47/49/52
	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	Standard		Standard
Wired Remote Controller (° F/° C Convertible)	Optional	Optional	Optional		Optional	
System	Size		619KEQ012CBGA	619KEQ018CBGA		619KEQ024CBGA
	Model (White)					
	Model (Gray)					
	Unit Width	In. 22.4	22.4	22.4		33.1
	Unit Height	In. 9.1	9.1	9.1		9.4
	Unit Depth	In. 22.4	22.4	22.4		33.1
	Net Weight	Lbs. 39.7	39.7	39.7		61.7
	Pipe Connection Size - Liquid	In. 1/4"	1/4"	1/4"		3/8"
	Pipe Connection Size - Suction	In. 3/8"	3/8"	1/2"		5/8"
	Number of Fan Speeds	3	3	3		3
	Airflow (lowest to highest)	CFM 265/294/353	265/294/353	265/294/353		500/559/694
	Sound Pressure (lowest to highest)	dB(A) 42/44/46	42/44/46	42/44/46		35/37/39
	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	Standard		Standard
Wired Remote Controller (° F/° C Convertible)	Standard	Standard	Standard		Standard	
System	Size					
	Model (White)	619KEQ009DBGA	619KEQ012DBGA	619KEQ018DBGA	619KEQ021DBGA	619KEQ024DBGA
	Model (Gray)					
	Unit Width	In. 24.2	24.2	24.2	24.2	24.2
	Unit Height	In. 7.9	7.9	7.9	7.9	7.9
	Unit Depth	In. 27.6	27.6	35.4	43.3	43.3
	Net Weight	Lbs. 48.5	50.7	59.5	68.3	68.3
	Pipe Connection Size - Liquid	In. 1/4"	1/4"	1/4"	3/8"	3/8"
	Pipe Connection Size - Suction	In. 3/8"	3/8"	1/2"	5/8"	5/8"
	Number of Fan Speeds	3	3	3	3	3
	Airflow (lowest to highest)	CFM 147/176/264	176/235/323	294/353/411	323/441/588	323/441/588
	Sound Pressure (lowest to highest)	dB(A) 31/34/37	32/35/39	33/37/41	34/38/42	34/38/42
	Max Static Pressure	In.WG. 0.04	0.04	0.04	0.06	0.06
Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	Standard	Standard	Standard	
Wired Remote Controller (° F/° C Convertible)	Standard	Standard	Standard	Standard	Standard	
System	Size					
	Model (White)	619KEQ009FBGA	619KEQ012FBGA	619KEQ018FBGA		
	Model (Gray)					
	Unit Width	In. 8.5	8.5	8.5		
	Unit Height	In. 23.6	23.6	23.6		
	Unit Depth	In. 27.6	27.6	27.6		
	Net Weight	Lbs. 33.1	33.1	33.1		
	Pipe Connection Size - Liquid	In. 1/4"	1/4"	1/4"		
	Pipe Connection Size - Suction	In. 3/8"	3/8"	1/2"		
	Number of Fan Speeds	7	7	7		
	Airflow (lowest to highest)	CFM 188/217/253/282/311/329/382	205/264/294/323/353/382/441	241/311/341/382/423/470/494		
	Sound Pressure (lowest to highest)	dB(A) 25/26/30/33/36/38/40	27/32/35/37/38/40/43	33/35/37/41/44/46/48		
	Wireless Remote Controller (° F/° C Convertible)	Standard	Standard	Standard		
Wired Remote Controller (° F/° C Convertible)	Not Available	Not Available	Not Available			

# 38MGR Outdoor Unit

## Heat Pump with Basepan Heater

Inverter Compressor

Up to 23.8 SEER

Up to 10.5 HSPF

Sizes: 18 / 24 / 30 / 36 / 48

Select systems are ENERGY STAR® certified based on indoor combinations

### Features:

- 100% heating capacity at 5° F (-15° C)  
(sizes 24-36 208/230V)
- Available in 208/230V
- Connect 2 ~ 5, multiple style indoor units  
Built-in basepan heater
- Aluminum Blue Hydrophilic pre-coated fins
- Vertical lift/drop piping length 49 ~ 65 ft. (15 ~ 20 m)
- Quiet outdoor operation, as low as 62 dB(A)
- Total piping length 131 ~ 328 ft. (40 ~ 100 m)
- Cooling operating range -13° ~ 122° F (-25° ~ 50° C)
- Heating operating range -22° ~ 86° F (-30° ~ 30° C)

### Combinations:

To access the Combination Charts, log into [www.hvacpartners.com](http://www.hvacpartners.com) and do either of the following:

- In the search area, type in "MGR Combination Chart" and search. Once the results appear, click on the document titled "MGR Multi-Zone Combination Chart".

OR

- Go to Products & Solutions > Product Catalog > Ductless Systems > Multi-Zone HP > 38MGR Preferred™ Multi-Zone Heat Pump > Documents > Marketing > Catalog > MGR Multi-Zone Combination Chart
- Visit [http://www.utcccs-cdn.com/hvac/docs/1010/Public/08/38MGR\\_Bryant\\_Multi-Zone\\_Combination\\_Chart.pdf](http://www.utcccs-cdn.com/hvac/docs/1010/Public/08/38MGR_Bryant_Multi-Zone_Combination_Chart.pdf) to view the document.

### Compatible with:

- 619P\*B High Wall..... 15
- 40MBCQ Cassette ..... 17
- 619R\*D Ducted..... 19
- 40MBDQ Ducted ..... 21
- 40MBFQ Floor Console..... 23



# 38MGR Outdoor Unit Specs

		HEAT PUMP					
System	Size		18	24	30	36	48
System	Outdoor Model		38MGRQ18B--3	38MGRQ24C--3	38MGRQ30D--3	38MGRQ36D--3	38MGRQ48E--3
	Max Number of Zones		2	3	4	4	5
Performance Non-Ducted	ENERGY STAR®		YES	YES	YES	YES	YES
	Cooling System Tons		1.5	2.0	2.5	3.0	4.0
	Cooling Rated Capacity	Btu/h	18,000	24,000	30,000	36,000	48,000
	Cooling Cap. Range Min - Max	Btu/h	5,810-21,940	7,880-33,510	8,090-41,470	8,560-45,020	8,560-53,160
	SEER		22.5	23.0	23.8	21.5	22.4
	EER		12.5	12.5	12.5	13.5	12.5
	Heating Rated Capacity (47° F)	Btu/h	19,000	23,000	28,000	36,000	48,000
	Heating Maximum Capacity (5° F)	Btu/h	13,900	23,000	28,000	36,000	36,000
	Heating Maximum Capacity (-13° F)	Btu/h	6,540	17,590	20,650	27,690	28,050
	Heating Cap. Range Min - Max	Btu/h	5,760-24,480	6,010-36,180	6,350-41,950	7,210-50,350	7,210-55,820
	HSPF		10.3	9.8	10.0	10.5	10.2
	COP (47° F)	W/W	3.6	3.9	3.8	3.8	3.6
	COP (5° F)	W/W	2.2	2.1	2.0	1.8	2.0
	Performance Combination Ducted and Non-Ducted	ENERGY STAR®		NO	YES	NO	NO
Cooling System Tons			1.5	1.9	2.4	3.0	4.0
Cooling Rated Capacity		Btu/h	18,000	23,000	29,000	35,500	48,000
Cooling Cap. Range Min - Max		Btu/h	5,795-20,708	7,765-31,955	8,060-39,990	8,510-42,635	8,510-52,580
SEER			20.45	21.0	21.65	19.25	20.0
EER			12.15	12.5	12.0	12.15	11.3
Heating Rated Capacity (47° F)		Btu/h	18,750	22,000	28,000	36,000	49,000
Heating Maximum Capacity (5° F)		Btu/h	14,150	22,000	28,000	35,500	36,400
Heating Maximum Capacity (-13° F)		Btu/h	6,350	17,480	20,520	27,245	27,600
Heating Cap. Range Min - Max		Btu/h	5,650-24,365	5,980-36,190	6,275-42,305	7,045-47,800	7,045-54,935
HSPF			9.9	9.3	9.5	9.9	10.2
COP (47° F)		W/W	3.7	3.9	3.7	3.7	3.5
COP (5° F)		W/W	2.1	2.0	2.0	1.8	1.9
Performance Ducted		ENERGY STAR®		NO	YES	NO	NO
	Cooling System Tons		1.5	1.8	2.3	2.9	4.0
	Cooling Rated Capacity	Btu/h	18,000	22,000	28,000	35,000	48,000
	Cooling Cap. Range Min - Max	Btu/h	5,780-19,476	7,650-30,400	8,030-38,510	8,460-40,250	8,460-52,000
	SEER		18.4	19.0	19.5	17.0	17.6
	EER		11.8	12.5	11.5	10.8	10.1
	Heating Rated Capacity (47° F)	Btu/h	18,500	21,000	28,000	36,000	50,000
	Heating Maximum Capacity (5° F)	Btu/h	14,400	21,000	28,000	35,000	36,800
	Heating Maximum Capacity (-13° F)	Btu/h	6,160	17,370	20,390	26,800	27,180
	Heating Cap. Range Min - Max	Btu/h	5,539-24,249	5,950-36,200	6,200-42,660	6,880-45,250	6,880-54,050
	HSPF		9.4	8.8	9.0	9.2	10.1
	COP (47° F)	W/W	3.8	3.8	3.6	3.6	3.4
	COP (5° F)	W/W	2.1	2.0	2.0	1.7	1.8
	Operating Range	Cooling Outdoor DB Min - Max	° F (° C)	-13~-122 (-25~-50)	-13~-122 (-25~-50)	-13~-122 (-25~-50)	-13~-122 (-25~-50)
Heating Outdoor DB Min - Max		° F (° C)	-22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)
Piping	Total Piping Length	Ft. (m)	131 (40)	197 (60)	263 (80)	328 (100)	328 (100)
	Piping to furthest FCU	Ft. (m)	82 (25)	98 (30)	115 (35)	115 (35)	115 (35)
	Drop (Outdoor above Indoor)	Ft. (m)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)
	Lift (Outdoor below Indoor)	Ft. (m)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)
	Pipe Connection Size - Liquid	In. (mm)	¼ x 2 (6.35 x 2)	¼ x 3 (6.35 x 3)	¼ x 4 (6.35 x 4)	¼ x 4 (6.35 x 4)	¼ x 5 (6.35 x 5)
	Pipe Connection Size - Suction	In. (mm)	¾ x 2 (9.52 x 2)	¾ x 3 (9.52 x 3)	¾ x 1 + ¾ x 3 (12.7 x 1 + 9.52 x 3)	¾ x 1 + ¾ x 3 (12.7 x 1 + 9.52 x 3)	¾ x 2 + ¾ x 3 (12.7 x 2 + 9.52 x 3)
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit				
	MCA	A.	18	25	30	35	35
	MOCP - Fuse Rating	A.	25	35	45	50	50
Outdoor	Unit Width	In. (mm)	37.31 (948)	41.22 (1047)	41.22 (1047)	41.15 (1045)	41.15 (1045)
	Unit Height	In. (mm)	27.64 (702)	31.88 (810)	31.88 (810)	52.48 (1333)	52.48 (1333)
	Unit Depth	In. (mm)	14.82 (376)	17.91 (455)	17.91 (455)	17.63 (448)	17.63 (448)
	Net Weight	Lbs. (kg)	105.8 (48)	149.9 (68)	156.5 (71)	221.6 (100.5)	223.8 (101.5)
	Airflow	CFM	1,390	2,130	2,130	4,500	4,500
	Sound Pressure	dB(A)	62	63	62	64	64

# 38MGR Outdoor Unit Compatible Indoor Units

Indoor Unit		Compatibility					Page
		Outdoor Unit					
		38MGRQ18B--3	38MGRQ24C--3	38MGRQ30D--3	38MGRQ36D--3	38MGRQ48E--3	
<b>619P*B High Wall</b>	619PEQ009BBMA	•	•	•	•	•	15
	619PEQ012BBMA	•	•	•	•	•	
	619PEQ018BBMA		•	•	•	•	
	619PEQ024BBMA			•	•	•	
<b>40MHH High Wall</b>	40MHHC09--3	•	•	•	•	•	29
	40MHHC12--3	•	•	•	•	•	
	40MHHC18--3		•	•	•	•	
	40MHHC24--3			•	•	•	
<b>40MBCQ Cassette</b>	40MBCQ09---3	•	•	•	•	•	17
	40MBCQ12---3	•	•	•	•	•	
	40MBCQ18---3		•	•	•	•	
<b>619R*D Ducted</b>	619REQ009DBMA	•	•	•	•	•	19
	619REQ012DBMA	•	•	•	•	•	
<b>40MBDQ Ducted</b>	40MBDQ18---3		•	•	•	•	21
	40MBDQ24---3			•	•	•	
<b>40MBFQ Floor Console</b>	40MBFQ09---3	•	•	•	•	•	23
	40MBFQ12---3	•	•	•	•	•	

# 38MBR Outdoor Unit

## Heat Pump with Basepan Heater

Inverter Compressor  
Up to 17.4 SEER  
Up to 10.5 HSPF  
Sizes: 36 / 48

### Features Outdoor:

- Inverter Compressor
- Built-in basepan heater
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 62.5 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins
- Piping length 213 ft. (65 m)
- Cooling operating range -4° ~ 122° F (-20° ~ 50° C)
- Heating operating range -22°~86° F (-30°~30° C)

### Compatible with:

- 40MBDQ High Static Ducted ..... 41



*Preferred*<sup>™</sup>  
SERIES



# 38MBR Outdoor Unit Specs

HEAT PUMP				
Size		36	48	
<b>System</b>	Outdoor Model		38MBRQ36A--3	38MBRQ48A--3
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	MCA	A.	30	35
	Mocp - Fuse Rating	A.	50	50
<b>Operating Range</b>	Cooling Outdoor Db Min - Max	° F (° C)	-4~122 (-20~50)	-4~122 (-20~50)
	Heating Outdoor Db Min - Max	° F (° C)	-22~86 (-30~30)	-22~86 (-30~30)
<b>Piping</b>	Total Piping Length	Ft. (m)	213 (65)	213 (65)
	Piping Lift <sup>1</sup>	Ft. (m)	98 (30)	98 (30)
	Pipe Connection Size - Liquid	In. (mm)	3/8 (9.52)	3/8 (9.52)
	Pipe Connection Size - Suction	In. (mm)	5/8 (16)	5/8 (16)
<b>Refrigerant</b>	Type		R410A	R410A
	Charge	Lbs. (kg)	6.72 (3.05)	9.26 (4.2)
<b>Compressor</b>	Type		ROTARY INVERTER	ROTARY INVERTER
<b>Outdoor</b>	Unit Width	In. (mm)	40.63 (1032)	40.63 (1032)
	Unit Height	In. (mm)	31.89 (810)	52.48 (1333)
	Unit Depth	In. (mm)	17.91 (544)	17.64 (448)
	Net Weight	Lbs. (kg)	136.47 (61.9)	217.4 (98.6)
	Airflow	CFM	2,130	4,500
	Sound Pressure	dB(a)	63.0	62.5

Condensing Unit Above Or Below Indoor Unit

Compatibility Table			
Indoor Unit		Outdoor Unit	
		38MBRQ36A--3	38MBRQ48A--3
<b>40MBDQ Ducted</b>	40MBDQ36---3	●	
	40MBDQ48---3		●

Performance				
<b>40MBDQ Ducted</b>	Indoor Model		40MBDQ36---3	40MBDQ48---3
	ENERGY STAR®		NO	NO
	Cooling System Tons		3.0	4.0
	Cooling Rated Capacity	Btu/H	36,000	48,000
	Cooling Cap. Range Min - Max	Btu/H	8,500~38,000	9,000~50,000
	SEER		16.5	17.4
	EER		9	9.2
	Heating Rated Capacity (47° F)	Btu/H	40,000	49,500
	Heating Rated Capacity (17° F)	Btu/H	27,500	33,500
	Heating Maximum Capacity (17° F)	Btu/H	32,000	40,900
	Heating Capacity (5° F)	Btu/H	26,600	34,000
	Heating Cap. Range Min - Max	Btu/H	9,500~50,000	10,000~55,000
	Hspf		11.5	10.3
	Cop (47° F)	W/W	3.37	3.52
	Cop (17° F)	W/W	2.74	2.7
Cop (5° F)	W/W	1.80	1.89	

# 40MBDQ High Static Ducted

Sizes: 36 / 48

Select sizes are ENERGY STAR® certified based on outdoor unit pairing

**Features:**

- Modes: Cool, Heat, Dry, Fan, Auto
- Vertical or horizontal installation
- Up to 0.64 in WG
- Rear or bottom return
- Outside air intake
- Built-in condensate Lift pump
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 27 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins

**Controls:**

- Wireless Remote Controller included with indoor unit
- Wired Remote Controller KSACN0501AAA (7-Day Programmable) included with indoor unit

**Accessories:**

- 24V Interface for Third Party Thermostat Compatibility

**Compatible with:**

- 38MBR Outdoor Unit . . . . . 39



Optional Wired Controller (7-Day Programmable) KSACN0501AAA



**Preferred**<sup>™</sup>  
**SERIES**

# 40MBDQ High Static Ducted Specs

HEAT PUMP				
	Size		36	48
<b>System</b>	Indoor Model		40MBDQ36---3	40MBDQ48---3
<b>Electrical</b>	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	Power Supply		Indoor unit powered from outdoor unit	
	MCA	A.	2.45	3.2
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard
	Wired Remote Controller (° F/° C Convertible)		Standard	Standard
<b>Operating Range</b>	Cooling Indoor DB Min -Max	° F (° C)	63~90 (17~32)	63~90 (17~32)
	Heating Indoor DB Min -Max	° F (° C)	32~86 (0~30)	32~86 (0~30)
<b>Piping</b>	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)	5/8 (16)
<b>Indoor</b>	Unit Width	in (mm)	53.54 (1360)	47.24 (1200)
	Unit Height	in (mm)	9.8 (249)	11.81 (300)
	Unit Depth	in (mm)	30.47 (774)	34.41 (874)
	Net Weight	lbs (kg)	106.48 (48.3)	119.71 (54.3)
	Number of Fan Speeds		3	3
	Airflow (lowest to highest)	CFM	700/910/1080	720/1030/1230
	Sound Pressure (lowest to highest)	dB(A)	38.5/42/45.5	46/49.5/50.5
	Max Static Pressure	In.WG.	0.64	0.64
	Field Drain Pipe Size O.D.	in (mm)	1 (25.4)	1 (25.4)
Compatibility Table				
	Indoor Unit		40MBDQ36---3	40MBDQ48---3
	Outdoor Unit Single Zone*		38MBRQ36A--3	38MBRQ48A--3

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.

Backward compatible with 538R\*R Single Zone Systems

# 124ANS and 224ANS Outdoor Units

## Cooling Only - 124ANS Heat Pump - 224ANS

Fixed Speed Compressor

14.0 SEER

8.2 HSPF

Cooling Only Sizes:

18 / 24 / 30 / 36 / 48 / 60

Heat Pump Sizes:

18 / 24 / 30 / 36 / 48 / 60



### Features:

- Available in 208/230V-1, 208/230V-3 and 460V-3
- WeatherArmor™ cabinet (All-steel cabinet construction and Mesh coil guard)
- Quiet outdoor operation, as low as 66 dB(A)
- Piping length up to 250 ft.
- Cooling operating range:  
-20° ~ 125° F (-28° ~ 52° C) (w/ Low Ambient Kit)
- Heating operating range:  
17° ~ 75° F (-8° ~ 24° C)

### Accessories:

- Low Ambient Kit

### Compatible with:

- 40MK\*B High Wall ..... 47
- 40MK\*C Cassette ..... 49
- 40MK\*F Underceiling ..... 51

*Preferred*<sup>™</sup>  
**SERIES**

System		SIZE	18	24
	Outdoor Model		124ANS018000	124ANS024000
	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
Electrical	MCA (Outdoor)	A.	11.8	14.1
	MOCP - Fuse Rating (Outdoor)	A.	20	25
Operating Range	Cooling Outdoor DB Min - Max	° F		
	Total Piping Length	Ft.	200'	200'
Piping	Drop (OD above ID)	Ft.	200'	200'
	Lift (OD below ID)	Ft.	65'	65'
	Outdoor Pipe Connection Size - Liquid	In.	3/8	3/8
	Outdoor Pipe Connection Size - Suction	In.	5/8	3/4
Refrigerant	Type		R-410A	R-410A
	Charge	Lb.	6.4	6.5
Compressor	Type		SCROLL	SCROLL
	Unit Width	In.	36.9	36.9
Outdoor	Unit Height	In.	31.1	31.1
	Unit Depth	In.	14.6	14.6
	Net Weight	Lbs.	146	148
	Airflow	CFM	1,285	1,285

INDOOR UNIT		124ANS018000	124ANS024000
40MK*B High Wall	40MKCB18B--3	•	
	40MKCB22B--3		•
	40MKCB28B--3		
	40MKCB32B--3		
40MK*C Cassette	40MKCB18C--3	•	
	40MKCB34C--3		•
40MK*F Underceiling	40MKCB18F--3	•	
	40MKCB34F--3		•
	40MKCB54F--3		
Ducted Indoor Units*		•	•

40MK*B High Wall Ductless	Indoor Model	40MKCB18B--3	40MKCB22B--3	
	Cooling System Tons	1.5	1.8	
	Cooling Rated Capacity	Btu/h	18,000	21,600
	SEER		14.0	14.0
40MK*C Cassette Ductless	Indoor Model	40MKCB18C--3	40MKCB34C--3	
	Cooling System Tons	1.4	2.0	
	Cooling Rated Capacity	Btu/h	17,100	23,800
	SEER		14	14
40MK*F Underceiling Ductless	Indoor Model	40MKCB18F--3	40MKCB34F--3	
	Cooling System Tons	1.4	2.0	
	Cooling Rated Capacity	Btu/h	17,100	24,000
	SEER		14	14
Nominal Performance Ducted Fan Coils	Indoor Model	*	*	
	Cooling System Tons	1.5	2.0	
	Cooling Rated Capacity (Nominal)	Btu/h	18,000	24,000
	SEER		14	14
	EER		12.2	12.2

# 124ANS and 224ANS Outdoor Units Specs

COOLING ONLY									
30	36	36	36	48	48	48	60	60	60
124ANS030000	124ANS036000	124APS036000	124AES036000	124ANS048000	124APS048000	124AES048000	124ANS060000	124APS060000	124AES060000
208/230-1-60	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60
18.3	18.8	12.5	7.6	24.3	18.3	8.4	31.1	21.4	9.7
30	30	20	15	40	30	15	50	35	15
55~125 (-20° F W / LOW-AMBIENT KIT)									
200'	200'	200'	200'	200'	200'	200'	200'	200'	200'
200'	200'	200'	200'	200'	200'	200'	200'	200'	200'
65'	65'	65'	65'	65'	65'	65'	65'	65'	65'
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
3/4	7/8	7/8	7/8	7/8	7/8	7/8	1 1/8	1 1/8	1 1/8
R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
8.6	8.9	8.9	8.9	9	9	9	10.6	10.6	10.6
SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
37.1	37.1	37.1	37.1	37.1	37.1	37.1	43.1	43.1	43.1
17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
183	184	184	184	213	213	213	245	245	245
1,900	2,615	2,615	2,615	2,615	2,615	2,615	2,785	2,785	2,785
COMPATIBILITY TABLE									
OUTDOOR UNIT									
124ANS030000	124ANS036000	124APS036000	124AES036000	124ANS048000	124APS048000	124AES048000	124ANS060000	124APS060000	124AES060000
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
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.	.	.	.	.	.	.	.	.	.
PERFORMANCE COOLING ONLY									
40MKCB28B--3	40MKCB32B--3	40MKCB32B--3	40MKCB32B--3						
2.3	2.7	2.7	2.7						
28,000	32,000	32,000	32,000						
14.0	14.0	14.0	14.0						
12.2	12.2	12.2	12.2						
40MKCB34C--3	40MKCB34C--3	40MKCB34C--3	40MKCB34C--3						
2.5	2.9	2.9	2.9						
30,000	34,200	34,200	34,200						
14	14	14	14						
12.2	12.2	12.2	12.2						
40MKCB34F--3	40MKCB34F--3	40MKCB34F--3	40MKCB34F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3
2.4	2.8	2.8	2.8	3.8	3.8	3.8	4.4	4.4	4.4
28,600	33,200	33,200	33,200	46,000	46,000	46,000	53,000	53,000	53,000
14	14	14	14	14	14	14	14	14	14
12.2	12.2	12.2	12.2	12.2	12.2	12.2	11.7	11.7	11.7
*	*	*	*	*	*	*	*	*	*
2.5	3.0	3.0	3.0	3.8	3.8	3.8	4.8	4.8	4.8
29,600	35,400	35,400	35,400	45,000	45,000	45,000	57,000	57,000	57,000
14	14	14	14	14	14	14	14	14	14
12.2	12.2	12.2	12.2	11.7	11.7	11.7	11.7	11.7	11.7

**TESTED AHRI COMBINATION RATINGS**

Additional ratings and system combinations can be accessed via the Carrier database at: [www.MyCarrierRatings.com](http://www.MyCarrierRatings.com)

\*For performance data at specific application &/or design conditions with various indoor unit combinations, the equipment performance calculator can be accessed at : <http://rpmob.wrightsoft.com/>

# 124ANS and 224ANS Outdoor Units Specs

System	Size		18	24	30
	Outdoor Model		224ANS018000	224ANS024000	224ANS030000
	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60
<b>Electrical</b>	MCA (Outdoor)	A.	11.8	16.5	17.2
	MOCP - Fuse Rating (Outdoor)	A.	20	25	30
<b>Operating Range</b>	Cooling Outdoor DB Min - Max	°F			
	Heating Outdoor DB Min - Max	°F	17~75	17~75	17~75
<b>Piping</b>	Total Piping Length	Ft.	200'	200'	200'
	Drop (OD above ID)	Ft.	200'	200'	200'
	Lift (OD below ID)	Ft.	65'	65'	65'
	Outdoor Pipe Connection Size - Liquid	In.	3/8	3/8	3/8
	Outdoor Pipe Connection Size - Suction	In.	5/8	3/4	3/4
<b>Refrigerant</b>	Type	Lb.	R-410A	R-410A	R-410A
	Charge		6.72	7.67	12.1
<b>Compressor Type</b>			Scroll	Scroll	Scroll
<b>Outdoor</b>	Unit Width	In.	36.9	36.9	44.5
	Unit Height	In.	25.1	31.1	37.1
	Unit Depth	In.	14.6	14.6	17.1
	Net Weight	Lbs.	150	161	196
	Airflow	CFM	1,285	1,285	2,615
<b>INDOOR UNIT</b>					
<b>MK*B High Wall</b>	40MKQB24B--3			•	
<b>MK*C Cassette</b>	40MKQB28B--3				•
<b>MK*B High Wall Ductless</b>	40MKQB34C--3			•	•
<b>MK*C Cassette Ductless</b>	40MKQB36F--3				•
<b>MK*B High Wall Ductless</b>	40MKQB48F--3				•
<b>Ducted Indoor Units *</b>			•	•	•
<b>MK*B High Wall Ductless</b>	Indoor Model			40MKQB24B--3	40MKQB28B--3
	Cooling System Tons			1.9	2.3
	Cooling Rated Capacity	Btu/h		22,800	27,600
	SEER			14.0	14.0
	EER			12.0	12.2
	Heating Rated Capacity	Btu/h		22,000	27,800
	HSPF			8.2	8.2
	COP	W/W		3.86	3.72
<b>MK*C Cassette Ductless</b>	Indoor Model			40MKQB34C--3	40MKQB34C--3
	Cooling System Tons			2.0	2.4
	Cooling Rated Capacity	Btu/h		23,400	28,400
	SEER			14	14
	EER			11.2	12.2
	Heating Rated Capacity	Btu/h		20,200	29,000
	HSPF			8.2	8.2
	COP	W/W		4.24	4.1
<b>MK*B High Wall Ductless</b>	Indoor Model				40MKQB36F--3
	Cooling System Tons				2.4
	Cooling Rated Capacity	Btu/h			29,000
	SEER				14
	EER				11.5
	Heating Rated Capacity	Btu/h			29,000
	HSPF				8.2
	COP	W/W			4.1
<b>Nominal Performance Ducted Fan Coils</b>	Indoor Model		*	*	*
	Cooling System Tons		1.5	2.0	2.4
	Cooling Rated Capacity	Btu/h	18,000	23,400	28,800
	SEER		14	14	14
	EER		11.5	11.5	12.5
	Heating Rated Capacity	Btu/h	17,200	22,800	28,200
	HSPF		8.2	8.2	8.5
	COP	W/W	2.48	2.5	2.62

# 124ANS and 224ANS Outdoor Units Specs

HEAT PUMP								
36	36	36	48	48	48	60	60	60
224ANS036000	224APS036000	224AES036000	224ANS048000	224APS048000	224AES048000	224ANS060000	224APS060000	224AES060000
208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60
19	12.8	7.6	28.8	18.6	8.6	33.4	22.9	10.6
30	20	15	50	30	15	50	40	15
55~125 (-20°F w / Low-Ambient Kit)								
17~75	17~75	17~75	17~75	17~75	17~75	17~75	17~75	17~75
200'	200'	200'	200'	200'	200'	200'	200'	200'
200'	200'	200'	200'	200'	200'	200'	200'	200'
65'	65'	65'	65'	65'	65'	65'	65'	65'
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
7/8	7/8	7/8	7/8	7/8	7/8	1 1/8	1 1/8	1 1/8
R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
12.3	12.3	12.3	10.95	10.95	10.95	11.82	11.82	11.82
Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
37.1	37.1	37.1	43.1	43.1	43.1	43.1	43.1	43.1
17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
197	197	197	246	246	246	258	258	258
2,615	2,615	2,615	2,785	2,785	2,785	2,785	2,785	2,785
COMPATIBILITY TABLE								
OUTDOOR UNIT								
•	•	•						
•	•	•						
			•	•	•			
•	•	•	•	•	•	•	•	•
PERFORMANCE HEAT PUMP								
40MKQB34C--3	40MKQB34C--3	40MKQB34C--3						
2.7	2.7	2.7						
32,600	32,600	32,600						
14	14	14						
12.2	12.2	12.2						
33,000	33,000	33,000						
8.2	8.2	8.2						
3.94	3.94	3.94						
40MKQB36F--3	40MKQB36F--3	40MKQB36F--3	40MKQB48F--3	40MKQB48F--3	40MKQB48F--3			
2.9	2.9	2.9	3.9	3.9	3.9			
34,200	34,200	34,200	46,400	46,400	46,400			
14	14	14	14	14	14			
11	11	11	11.7	11.7	11.7			
34,200	34,200	34,200	46,400	46,400	46,400			
8.2	8.2	8.2	8.2	8.2	8.2			
4.1	4.1	4.1	3.8	3.8	3.8			
*	*	*	*	*	*			
2.9	2.9	2.9	3.8	3.8	3.8	4.6	4.6	4.6
34,200	34,200	34,200	45,500	45,500	45,500	55,000	55,000	55,000
14	14	14	14	14	14	14	14	14
12	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5
34,200	34,200	34,200	46,000	46,000	46,000	55,000	55,000	55,000
8.5	8.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2
2.6	2.6	2.6	2.56	2.56	2.56	2.62	2.62	2.62

**TESTED AHRI COMBINATION RATINGS**

Additional ratings and system combinations can be accessed via the Carrier database at: [www.MyCarrierRatings.com](http://www.MyCarrierRatings.com)

\*For performance data at specific application &/or design conditions with various indoor unit combinations, the equipment performance calculator can be accessed at : <http://rpmob.wrightsoft.com/>

# 40MK\*B High Wall

## Cooling Only - MKC\*B Heat Pump - MKQ\*B

Cooling Only Sizes: 18 / 22 / 28 / 32

Heat Pump Sizes: 24 / 28

### Features:

- Available in 208/230V-1, 208/230V-3 and 460V
- Modes: Cool, Heat, Dry, Fan, Auto
- Timer
- Sleep Mode
- Up-down louver control (fixed or swing)
- *Follow Me* (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 44 dB(A)

### Controls:

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)

### Accessories:

- Condensate Pump (208/230V optional)
- Controls Kit KAAVC0101AAA (cooling only)\*
- Controls Kit KHAVC0101AAA (heat pump)\*

\*Controls Kit is required; sold separately.

### Compatible with:

- 124ANS Outdoor Unit . . . . . 43
- 224ANS Outdoor Unit . . . . . 43



(Cooling Only Sizes 28-32)



(Cooling Only Sizes 28-32)  
(Heat Pump Sizes 24-28)



Condensate Pump  
53DS-900---118 (208/230V)



Optional Wired Controller  
(Timer Function)  
KSACN0101AAA





COOLING ONLY										HEAT PUMP	
System	Size	18	22	28	32	32	32	32	24	28	
Indoor Model		40MKCB18B--3	40MKCB22B--3	40MKCB28B--3	40MKCB32B--3	40MKCB32B--3	40MKCB32B--3	40MKCB32B--3	40MKQB24B--3	40MKQB28B--3	
Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	208/230-1-60	208/230-1-60	
Indoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	
Electrical	Power Supply	Indoor and outdoor units have dedicated power supply							Indoor and outdoor units have dedicated power supply		
	MCA (Indoor)	A.	1							1	
	MOCP - Fuse Rating (Indoor)	A.	15							15	
Controls	Wireless Remote Controller (° F/° C Convertible)	Standard							Standard		
	Wired Remote Controller (° F/° C Convertible)	Optional							Optional		
Operating Range	Cooling Indoor DB Min -Max	° F	64-90	64-90	64-90	64-90	64-90	64-90	64-90	64-90	
	Heating Indoor DB Min -Max	° F	N/A	N/A	N/A	N/A	N/A	N/A	32-80	32-81	
Piping	Indoor Pipe Connection Size - Liquid	In.	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Indoor Pipe Connection Size - Suction	In.	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"	3/4"	3/4"	
Indoor	Unit Width	In.	46.7	46.7	57.1	57.1	57.1	57.1	57.1	57.1	
	Unit Height	In.	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	
	Unit Depth	In.	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	
	Net Weight	Lbs.	37.5	37.5	55.1	55.1	55.1	55.1	55.1	55.1	
	Number of Fan Speeds		4	4	4	4	4	4	4	4	
	Airflow (lowest to highest)	CFM	475/570/695/710	475/570/695/710	525/685/834/847	525/685/834/847	525/685/834/847	525/685/834/847	525/685/834/847	525/685/834/847	525/685/834/847
Sound Pressure (lowest to highest)	dB(A)	44/47/50/51	44/47/50/51	46/48/52/53	46/48/52/53	46/48/52/53	46/48/52/53	46/48/52/53	46/48/52/53	46/48/52/53	
Air throw Data	Ft.	20				25					

\*Available on all sizes starting with Serial number 5115V00000.

COMPATIBILITY TABLE										
Indoor Unit		40MKCB18B--3	40MKCB22B--3	40MKCB28B--3	40MKCB32B--3	40MKCB32B--3	40MKCB32B--3	40MKCB32B--3	40MKQB24B--3	40MKQB28B--3
Outdoor Unit Single Zone*		124ANS018000	124ANS024000	124ANS030000	124ANS036000	124APS036000	124AES036000	224ANS024000	224ANS030000	

\*Performance may vary based on the Outdoor Unit it is matched with, see compatible Outdoor Units pages for Performance Data.

# 40MK\*C Cassette

**Cooling Only - MKC\*C**  
**Heat Pump - MKQ\*C**

Cooling Only Sizes: 18 / 24 / 30 / 34

Heat Pump Sizes: 24 / 30 / 34

**Features:**

- Available in 208/230V-1, 208/230V-3 and 460V-3
- Modes: Cool, Heat, Dry, Fan, Auto
- Timer
- Sleep Mode
- Built-in condensate lift pump
- Outside air connection
- Louver control (fixed or swing)
- Branch duct capability
- *Follow Me* (senses temperature at handheld remote)
- Quiet indoor operation, as low as 42 dB(A)
- Heating Setback (46° F Heating Mode)

**Controls:**

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)

*Grille is required; sold separately.*

**Compatible with:**

- 124ANS Outdoor Unit..... 43
- 224ANS Outdoor Unit..... 43



Optional Wired Controller  
 (Timer Function) KSACN0101AAA



COOLING ONLY									
System	Size		18	24	30	34	34		
System	Outdoor Model		124ANS018000	124ANS024000	124ANS030000	124ANS036000	124APS036000	124AES036000	
	Indoor Model		40MKCB18C--3	40MKCB34C--3	40MKCB34C--3	40MKCB34C--3	40MKCB34C--3	40MKCB34C--3	
Electrical	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-3-60	460-3-60	
	Indoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	
	Power Supply		Indoor and outdoor units have dedicated power supply						
	MCA (Indoor)	A.	1	1	1	1	1	1	
	MOCP - Fuse Rating (Indoor)	A.	15	15	15	15	15	15	
Controls	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard	
	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional	
Operating Range	Cooling Indoor DB Min -Max	° F	64~90	64~90	64~90	64~90	64~90	64~90	
Piping	Indoor Pipe Connection Size - Liquid	In.	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Indoor Pipe Connection Size - Suction	In.	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	
Refrigerant	Metering Device Indoor Unit		TXV	TXV	TXV	TXV	TXV	TXV	
Indoor	Unit Width Body	In.	33.1	33.1	33.1	33.1	33.1	33.1	
	Unit Height Body	In.	33.1	33.1	33.1	33.1	33.1	33.1	
	Unit Depth Body	In.	11.3	11.3	11.3	11.3	11.3	11.3	
	Net Weight Body	Lbs.	54.0	68.6	68.6	68.6	68.6	68.6	
	Unit Width Grille	In.	37.4	37.4	37.4	37.4	37.4	37.4	
	Unit Height Grille	In.	37.4	37.4	37.4	37.4	37.4	37.4	
	Unit Depth Grille	In.	2.2	2.2	2.2	2.2	2.2	2.2	
	Net Weight Grille	Lbs.	11.0	11.0	11.0	11.0	11.0	11.0	
	Number of Fan Speeds		3	3	3	3	3	3	
	Airflow (lowest to highest)	CFM	370/450/630	750/820/1130	750/820/1130	750/820/1130	750/820/1130	750/820/1130	
	Sound Pressure (lowest to highest)	dB(A)	39/43/47	44/48/53	44/48/53	44/48/53	44/48/53	44/48/53	
Air throw Data	Ft.	15	16	16	16	16	16		
HEAT PUMP									
System	Size		24	30	34	34	34		
System	Outdoor Model		224ANS024000	224ANS030000	224ANS036000	224APS036000	224AES036000		
	Indoor Model		40MKQB34C--3	40MKQB34C--3	40MKQB34C--3	40MKQB34C--3	40MKQB34C--3		
Electrical	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-3-60	460-3-60		
	Indoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60		
	Power Supply		Indoor and outdoor units have dedicated power supply						
	MCA (Indoor)	A.	1	1	1	1	1		
	MOCP - Fuse Rating (Indoor)	A.	15	15	15	15	15		
Controls	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard		
	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional		
Operating Range	Cooling Indoor DB Min -Max	° F	64~90	64~90	64~90	64~90	64~90		
	Heating Indoor DB Min -Max	° F	32~80	32~80	32~80	32~80	32~80		
Piping	Indoor Pipe Connection Size - Liquid	In.	3/8"	3/8"	3/8"	3/8"	3/8"		
	Indoor Pipe Connection Size - Suction	In.	3/4"	3/4"	3/4"	3/4"	3/4"		
Refrigerant	Metering Device Indoor Unit		TXV	TXV	TXV	TXV	TXV		
Indoor	Unit Width Body	In.	33.1	33.1	33.1	33.1	33.1		
	Unit Height Body	In.	33.1	33.1	33.1	33.1	33.1		
	Unit Depth Body	In.	11.3	11.3	11.3	11.3	11.3		
	Net Weight Body	Lbs.	68.6	68.6	68.6	68.6	68.6		
	Unit Width Grille	In.	37.4	37.4	37.4	37.4	37.4		
	Unit Height Grille	In.	37.4	37.4	37.4	37.4	37.4		
	Unit Depth Grille	In.	2.2	2.2	2.2	2.2	2.2		
	Net Weight Grille	Lbs.	11.0	11.0	11.0	11.0	11.0		
	Number of Fan Speeds		3	3	3	3	3		
	Airflow (lowest to highest)	CFM	750/820/1130	750/820/1130	750/820/1130	750/820/1130	750/820/1130		
	Sound Pressure (lowest to highest)	dB(A)	44/48/53	44/48/53	44/48/53	44/48/53	44/48/53		
Air throw Data	Ft.	16	16	16	16	16			

# 40MK\*F Underceiling

## Cooling Only - MKC\*F Heat Pump - MKQ\*F

Cooling Only Sizes: 18 / 24 / 30 / 34 / 48 / 54

Heat Pump Sizes: 30 / 36 / 48

### Features:

- Available in 208/230V-1, 208/230V-3 and 460V-3
- Modes: Cool, Heat, Dry, Fan, Auto
- Timer
- Sleep Mode
- Convertible: Underceiling - Floor Console
- Up-down louver control (fixed or swing)
- Outside air intake
- Auto restart function
- *Follow Me* (senses temperature at handheld remote)
- Quiet indoor operation, as low as 42 dB(A)
- Heating Setback (46° F Heating Mode)

### Controls:

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller KSACN0101AAA (Timer Function)

### Accessories:

- Condensate Pump (208/230V optional)

### Compatible with:

- 124ANS Outdoor Unit. . . . . 43
- 224ANS Outdoor Unit. . . . . 43



Size		18	24
<b>System</b>	Outdoor Model	124ANS018000	124ANS024000
	Indoor Model	40MKCB18F--3	40MKCB34F--3
<b>Electrical</b>	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Indoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
<b>Electrical</b>	Power Supply		
	MCA (Indoor)	A.	3
	MOCP - Fuse Rating (Indoor)	A.	15
<b>Controls</b>	Wireless Remote Controller (° F/° C Convertible)		
	Wired Remote Controller (° F/° C Convertible)		
<b>Operating Range</b>	Cooling Indoor DB Min -Max	° F	64-90
<b>Piping</b>	Indoor Pipe Connection Size - Liquid	In.	3/8"
	Indoor Pipe Connection Size - Suction	In.	5/8"
<b>Refrigerant</b>	Metering Device Indoor Unit		TXV
	Unit Width	In.	42.0
<b>Indoor</b>	Unit Height	In.	9.3
	Unit Depth	In.	26.6
	Net Weight	Lbs.	59.7
	Number of Fan Speeds		3
<b>Indoor</b>	Airflow (lowest to highest)	CFM	405/515/695
	Sound Pressure (lowest to highest)	dB(A)	42/48/53
	Air throw Data	Ft.	26



Condensate Pump  
53DS-900---118 (208/230V)

Optional Wired Controller  
(Timer Function)  
KSACN0101AAA







COOLING ONLY

30	34	34	34	48	48	48	54	54	54
124ANS030000	124ANS036000	124APS036000	124AES036000	124ANS048000	124APS048000	124AES048000	124ANS060000	124APS060000	124AES060000
40MKCB34F--3	40MKCB34F--3	40MKCB34F--3	40MKCB34F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3	40MKCB54F--3
208/230-1-60	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60
208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Indoor and outdoor units have dedicated power supply									
3	3	3	3	3	3	3	3	3	3
15	15	15	15	15	15	15	15	15	15
Standard									
Optional									
64-90	64-90	64-90	64-90	64-90	64-90	64-90	64-90	64-90	64-90
3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
91.9	91.9	91.9	91.9	98.8	98.8	98.8	98.8	98.8	98.8
3	3	3	3	3	3	3	3	3	3
975/1335/1130	975/1335/1130	975/1335/1130	975/1335/1130	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470
50/52/55	50/52/55	50/52/55	50/52/55	55/57/59	55/57/59	55/57/59	55/57/59	55/57/59	55/57/59
29	29	29	29	29	29	29	29	29	29

HEAT PUMP

System	Size		36	36	36	48	48	48
System	Outdoor Model		224ANS036000	224APS036000	224AES036000	224ANS048000	224APS048000	224AES048000
	Indoor Model		40MKQB36F--3	40MKQB36F--3	40MKQB36F--3	40MKQB48F--3	40MKQB48F--3	40MKQB48F--3
Electrical	Outdoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-3-60	460-3-60	208/230-1-60	208/230-3-60	460-3-60
	Indoor Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Controls	Power Supply		Indoor and outdoor units have dedicated power supply					
	MCA (Indoor)	A.	3	3	3	3	3	3
	MOCP - Fuse Rating (Indoor)	A.	15	15	15	15	15	15
Operating Range	Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard	Standard	Standard
	Wired Remote Controller (° F/° C Convertible)		Optional	Optional	Optional	Optional	Optional	Optional
Piping	Cooling Indoor DB Min -Max	° F	64-90	64-90	64-90	64-90	64-90	64-90
	Heating Indoor DB Min -Max	° F	32-80	32-80	32-80	32-80	32-80	32-80
Refrigerant	Indoor Pipe Connection Size - Liquid	In.	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Indoor Pipe Connection Size - Suction	In.	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Indoor	Metering Device Indoor Unit		TXV	TXV	TXV	TXV	TXV	TXV
	Unit Width	In.	65.0	65.0	65.0	65.0	65.0	65.0
	Unit Height	In.	9.3	9.3	9.3	9.3	9.3	9.3
	Unit Depth	In.	26.6	26.6	26.6	26.6	26.6	26.6
	Net Weight	Lbs.	98.8	98.8	98.8	98.8	98.8	98.8
	Number of Fan Speeds		3	3	3	3	3	3
	Airflow (lowest to highest)	CFM	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470	1310/1400/1470
	Sound Pressure (lowest to highest)	dB(A)	55/57/59	55/57/59	55/57/59	55/57/59	55/57/59	55/57/59
Air throw Data	Ft.	29	29	29	29	29	29	

# Controllers

CONTROLLERS													
Model #	Timer Function	7 day Programmable	619P*B	40MBCQ	40MBDQ	40MBFQ	40MHH	619F*B	619K*B	619K*F	619K*D	619K*C	40MK (All) *
<b>KSACN0101AAA</b>  Wired Controller (Timer Function)	X		○	○	○	○							○
<b>KSACN0201AAA</b>  Wired Controller (7-Day Programmable)	X								○				
<b>KSACN0301AAA</b>  Wired Controller (Timer Function)	X										○	○	
<b>KSACN0401AAA</b>  Wired Controller (Timer Function)		X	○ †			○	○						
<b>KSACN0501AAA</b>  Wired Controller (7-Day Programmable)		X		○	●								
<b>Housewise™</b>  Housewise Wi-Fi® Thermostat		X	○	○	○	○	○						
<b>SENSIBO®</b>		X	○	○	○	○							

- Standard
- Optional

**Notes:**

† 7 Day programmable compatible with indoor units starting with Serial Number 0216V10001.

\* Available on all sizes starting with Serial number 5115V00000.

\*\*Using 24V interface; Compatible with indoor units starting with Serial Number 4216V10001.

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# Glossary of Terms

FEATURES	DESCRIPTION
<b>Follow Me</b>	Sense temperature at handheld remote, even if you walk around the room.
<b>Sleep Mode</b>	Used to conserve energy and can be used when the unit is in the COOL, HEAT or AUTO mode only.
<b>Turbo Mode</b>	The fan operates at super high fan speed for 20 minutes to cool or heat the room rapidly.
<b>Dry Mode</b>	The system dries, filters and slightly cools the room air temperature. This mode prioritizes air dehumidification but it does not take the place of a dehumidifier.
<b>Heating Setback (46° F Heating Mode)</b>	The unit operates at high fan speed and the coil temperature automatically sets to 46° F (8° C).
<b>Timer</b>	Unit will stop automatically at the set time. Can be set while unit is on or off.
<b>Self Clean Mode</b>	The system automatically cleans and dries the evaporator. The cleaning cycle takes 30 minutes, after which the unit turns off automatically.
<b>Up/Down Automatic Louver Control</b>	Ability to automatically control the louver position up/down.
<b>Right/Left Automatic Louver Control</b>	Ability to automatically control the louver position right/left.
<b>Auto Restart Function</b>	Unit will automatically power back to previous setting following a power failure.
<b>Outside Air Intake</b>	Unit has the ability to introduce outside air through a knockout located on the unit.
<b>Branch Duct Capability</b>	System can attach field supplied branch ducts.
<b>Aluminum Blue Hydrophilic Pre-Coated Fins</b>	Improves the wettability on the coil.

	619F	619P*B	40MBCQ	619R*D	40MBDQ	40MBFQ	40MHH	619K*B	619K*C	619K*D	619K*F	40MK*B	40MK*C	40MK*F
High Wall	•	•					•	•				•		
Cassette			•						•				•	
Ducted				•	•					•				
Floor Console						•					•			•
Underceiling														•
<b>FEATURES</b>														
Follow Me	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sleep Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Turbo Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dry Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Heating Setback (46° F Heating Mode)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Timer	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Self Clean Mode		•	•	•	•	•	•					•	•	•
Up/Down Automatic Louver Control	•	•	•			•	•	•	•		•	•	•	•
Right/Left Automatic Louver Control	•							•						
Auto Restart Function	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Outside Air Intake			•	•	•					•			•	•
Branch Duct Capability													•	
Aluminum Blue Hydrophilic Pre-Coated Fins	•	•	•	•	•	•	•	•	•	•	•			

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