

High Wall Heat Pump Ductless System



turn to the experts

Indoor Model: **40MAQB12B--3**

Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:

STANDARD FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- Auto louver mode
- Turbo mode
- Sleep mode
- Dehumidification mode
- Follow me
- 46°F Heating Mode (Heating Setback)
- Quiet operation

CONTROL FEATURES

- Wireless remote control (standard)
- Wired remote control (optional)

Performance SERIES

System	Size	12	
	Indoor Model	40MAQB12B--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	200/230-1-60
	Power Supply	Indoor unit powered by outdoor unit	
	MCA	A.	0.2
Controls	Wireless Remote Controller (°F/°C Convertible)	Standard	
	Wired Remote Controller (°F/°C Convertible)	Optional	
Operating Range	Cooling Indoor DB Min -Max	°F(°C)	63-86 (17-30)
	Heating Indoor DB Min -Max	°F(°C)	32-86 (0-30)
Piping	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)

Indoor Coil	Face Area	Sq. Ft.	2.19
	No. Rows	2	
	Fins per inch	20	
	Circuits	3	
Indoor	Unit Width	in (mm)	32.87 (835)
	Unit Height	in (mm)	11.02 (280)
	Unit Depth	in (mm)	7.80 (198)
	Net Weight	lbs (kg)	19.18 (8.7)
	Number of Fan Speeds	4	
	Airflow (lowest to highest)	CFM	210/300/360/380
	Sound Pressure (lowest to highest)	dB(A)	27/34/42
Air throw Data	ft (m)	23 (7)	

Performance may vary based on the outdoor unit matched to. See compatible outdoor units pages for Performance Data.

Accessories

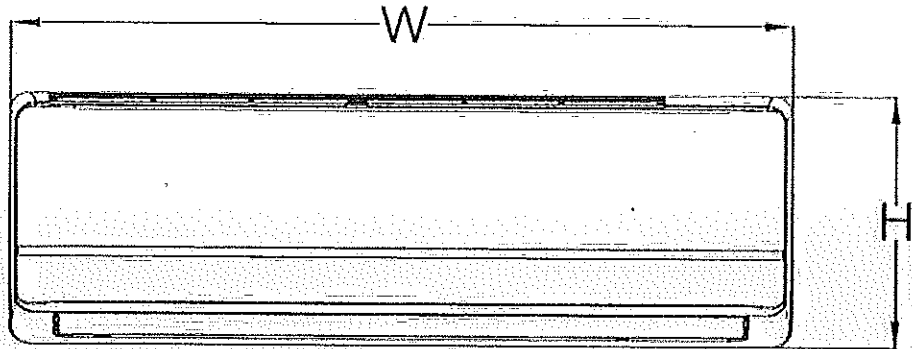
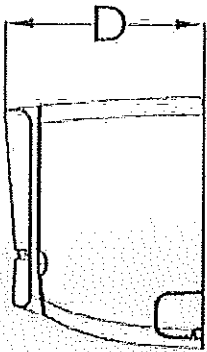
53DS-900--118	Condensate Pump (230v)
KSACN0101AAA	Wired Remote Control with Timer Function
53DS-900--008	Insulated 25' Line Set - 1/4" x 1/2"

Compatibility Table

Indoor Unit	40MAQB12B--3
Outdoor Unit	38MAQB12R--3
	38MAQB12--3
	38MGQC18--3
	38MGQD27--3
	38MGQF36--3
	38MGQF48--3

Construction View

Indoor Model: 40MAQB12B--3



Unit Width	in (mm)	32.87 (835)
Unit Height	in (mm)	11.02 (280)
Unit Depth	in (mm)	7.80 (198)
Net Weight	lbs (kg)	19.18 (8.7)



Outdoor Unit Single Zone Heat Pump Ductless System



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Outdoor Model: **38MAQB12R--3**

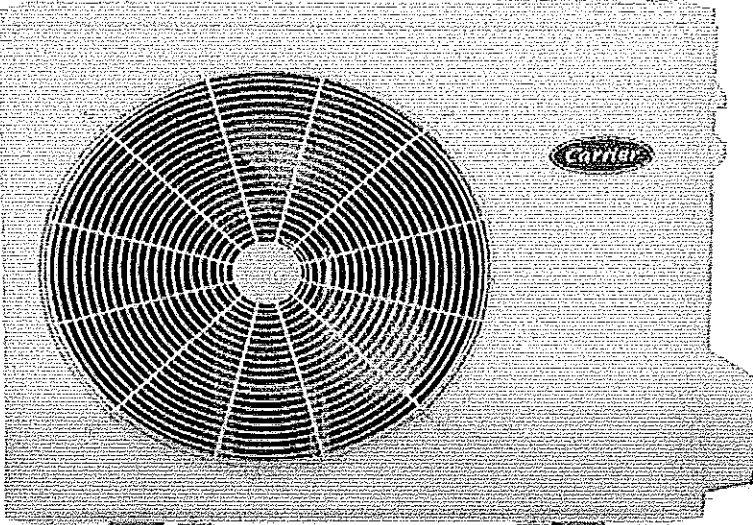
Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- Aluminum Blue Hydrophilic pre-coated fins

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- *For residential applications.
- See warranty for full details.



Performance SERIES

NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size	12	
	Outdoor Model	38MAQB12R--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	9
	MOCP - Fuse Rating	A.	15
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	82 (25)
	Piping Lift	ft (m)	32 (10)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	3.31 (1.5)

Outdoor Coil	Face Area	Sq. Ft.	4.5
	No. Rows		2
	Fins per inch		18
	Circuits		4
Compressor	Type	Hermetic Rotary DC Inverter	
	Model	ATM115D43UF22	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	17.6
Outdoor	Rated Current	RLA	5.7
	Unit Width	in (mm)	32.09 (815)
	Unit Height	in (mm)	21.81 (554)
	Unit Depth	in (mm)	13.11 (333)
	Net Weight	lbs (kg)	91.5 (41.5)
	Airflow	CFM	1,200
Sound Pressure	dB(A)	56.0	

Performance

High Wall	Indoor Model		40MAQB12B-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4000-13800
	SEER		22.5
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	11,800
	Heating Rated Capacity (17°F)	Btu/h	7,800
	Heating Maximum Capacity (17°F)	Btu/h	11,800
	Heating Maximum Capacity (5°F)	Btu/h	11,800
	Heating Cap. Range Min - Max	Btu/h	5000-16500
	HSPF		12.0
	COP (47°F)	W/W	3.56
	COP (17°F)	W/W	2.64
COP (5°F)	W/W	1.98	
Cassette	Indoor Model		40MBCQ12-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000-13000
	SEER		19.5
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,257
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000-13500
	HSPF		10.6
	COP (47°F)	W/W	3.67
	COP (17°F)	W/W	2.40
COP (5°F)	W/W	1.62	
Ducted	Indoor Model		40MBQB12D-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	11,500
	Cooling Cap. Range Min - Max	Btu/h	4,000-13,000
	SEER		19.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,492
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000-13,500
	HSPF		10.5
	COP (47°F)	W/W	3.66
	COP (17°F)	W/W	2.58
COP (5°F)	W/W	1.72	
Floor Console	Indoor Model		40MBFQ12-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000-13,000
	SEER		19.4
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,448
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000-13,500
	HSPF		10.5
	COP (47°F)	W/W	3.17
	COP (17°F)	W/W	2.49
COP (5°F)	W/W	1.49	

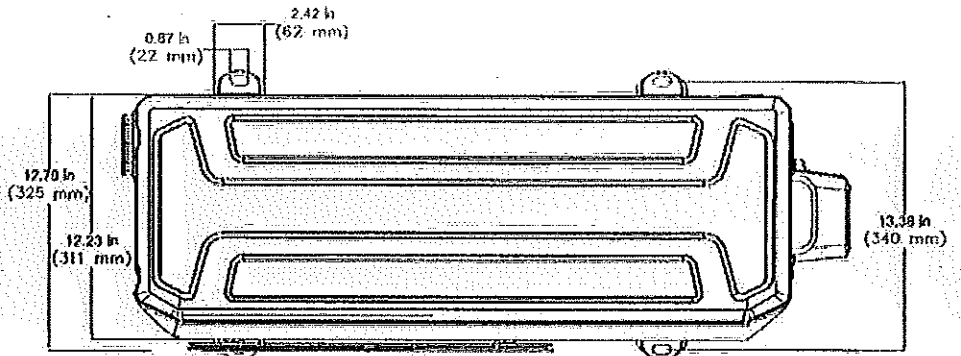
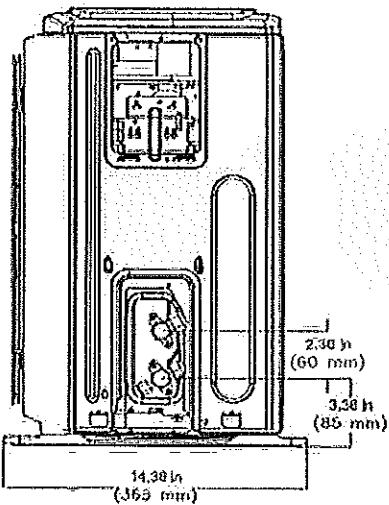
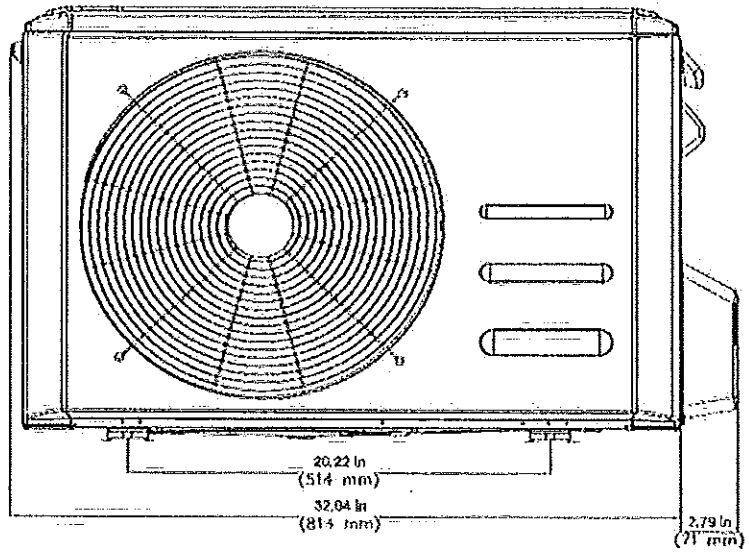
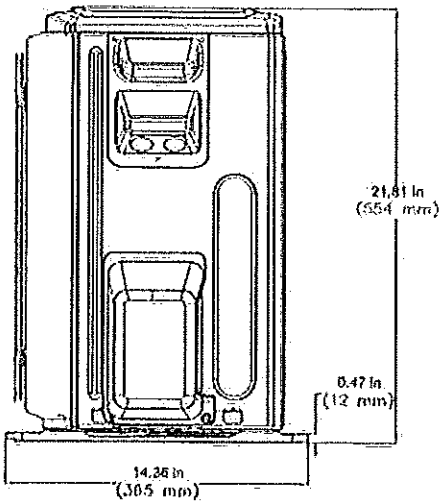
Backward compatible with 40MBQB*C Cassette, 40MBQB*F Floor Console Systems.

Performance

Vertical Fan Coil	Indoor Model		FFMANP018T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~13,000
	SEER		18.6
	EER		11.6
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	7,400
	Heating Maximum Capacity (17°F)	Btu/h	11,800
	Heating Maximum Capacity (5°F)	Btu/h	11,800
	Heating Cap. Range Min - Max	Btu/h	5,000 ~13,200
	HSPF		10.0
	COP (47°F)	WW	4.10
	COP (17°F)	WW	2.64
COP (5°F)	WW	2.15	
Horizontal Fan Coil	Indoor Model		FPMBN018T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~12,400
	SEER		16.0
	EER		10.8
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,800
	Heating Maximum Capacity (17°F)	Btu/h	13,000
	Heating Maximum Capacity (5°F)	Btu/h	13,000
	Heating Cap. Range Min - Max	Btu/h	5,000~13,400
	HSPF		10.0
	COP (47°F)	WW	3.40
	COP (17°F)	WW	2.78
COP (5°F)	WW	2.15	

Construction View

Outdoor Model: 38MAQB12R--3



High Wall Heat Pump Ductless System



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Indoor Model: 40MAQB18B--3

Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:

STANDARD FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- Auto louver mode
- Turbo mode
- Sleep mode
- Dehumidification mode
- Follow me
- 46°F Heating Mode (Heating Setback)
- Quiet operation

CONTROL FEATURES

- Wireless remote control (standard)
- Wired remote control (optional)

Performance SERIES

System	Size	18	
	Indoor Model	40MAQB18B--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply	Indoor unit powered by outdoor unit	
	MCA	A.	0.3
Controls	Wireless Remote Controller (°F/°C Convertible)	Standard	
	Wired Remote Controller (°F/°C Convertible)	Optional	
Operating Range	Cooling Indoor DB Min -Max	°F(°C)	63--86 (17--30)
	Heating Indoor DB Min -Max	°F(°C)	32--86 (0--30)
Piping	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)

Indoor Coil	Face Area	Sq. Ft.	2.58
	No. Rows		2
	Fins per inch		20
	Circuits		4
Indoor	Unit Width	in (mm)	38.98 (990)
	Unit Height	in (mm)	12.40 (315)
	Unit Depth	in (mm)	8.58 (218)
	Net Weight	lbs (kg)	26.46 (12.0)
	Number of Fan Speeds		4
	Airflow (lowest to highest)	CFM	310/450/650/680
	Sound Pressure (lowest to highest)	dB(A)	33/40/46
Air throw Data	ft (m)	30 (9)	

Performance may vary based on the outdoor unit matched to. See compatible outdoor units pages for Performance Data.

Accessories

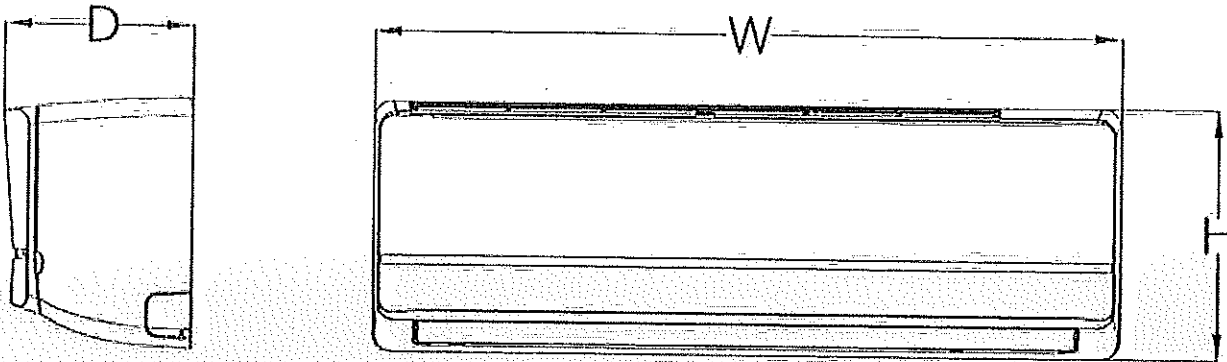
53DS-900---118	Condensate Pump (230v)
KSACN0101AAA	Wired Remote Control with Timer Function
53DS-900---008	Insulated 25' Line Set - 1/4" x 1/2"

Compatibility Table

Indoor Unit	40MAQB18B--3
Outdoor Unit	38MAQB18R--3
	38MAQB18--3
	38MGQD27--3
	38MGQF36--3
	38MGQF48--3

Construction View

Indoor Model: 40MAQB18B--3



Unit Width	in (mm)	38.98 (990)
Unit Height	in (mm)	12.40 (315)
Unit Depth	in (mm)	8.58 (218)
Net Weight	lbs (kg)	26.46 (12.0)



Outdoor Unit Single Zone Heat Pump Ductless System



Outdoor Model: 38MAQB18R--3

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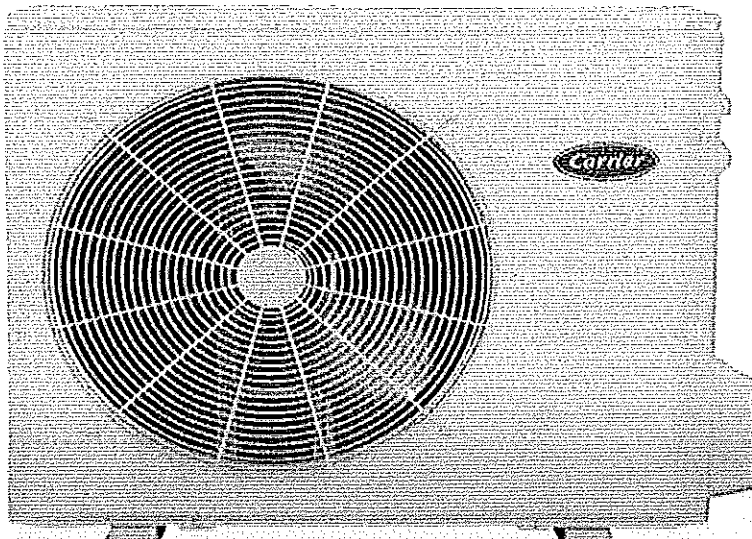
Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- Aluminum Blue Hydrophilic pre-coated fins

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- *For residential applications.
- See warranty for full details.

Performance SERIES

NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size	18	
	Outdoor Model	38MAQB18R--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A	18
	MOCP - Fuse Rating	A	25
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	98 (30)
	Piping Lift	ft (m)	65 (20)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	4.30 (1.95)

Outdoor Coil	Face Area	Sq. Ft.	5.2
	No. Rows		2
	Fins per inch		18
	Circuits		4
Compressor	Type	Hermetic Rotary DC Inverter	
	Model	ATF235D22UMT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	23.6
Outdoor	Rated Current	RLA	12.3
	Unit Width	in (mm)	33.66 (855)
	Unit Height	in (mm)	27.63 (702)
	Unit Depth	in (mm)	14.17 (360)
	Net Weight	lbs (kg)	118.2 (53.6)
	Airflow	CFM	1,390
	Sound Pressure	dB(A)	57.5

Performance

High Wall	Indoor Model		40MAQB18B-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	17,000
	Cooling Cap. Range Min - Max	Btu/h	4500-18800
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	10,800
	Heating Maximum Capacity (17°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	18,000
	Heating Cap. Range Min - Max	Btu/h	5500-24000
	HSPF		10.3
	COP (47°F)	W/W	3.14
	COP (17°F)	W/W	2.64
COP (5°F)	W/W	1.63	
Cassette	Indoor Model		40MBCQ18-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,000
	Cooling Cap. Range Min - Max	Btu/h	4,500-18,000
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	11,942
	Heating Maximum Capacity (17°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	18,000
	Heating Cap. Range Min - Max	Btu/h	5,500-19,000
	HSPF		10.5
	COP (47°F)	W/W	3.43
	COP (17°F)	W/W	2.55
COP (5°F)	W/W	1.75	
Ducted	Indoor Model		40MBDQ18-3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,500
	Cooling Cap. Range Min - Max	Btu/h	4,500-18,000
	SEER		19.6
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	19,000
	Heating Rated Capacity (17°F)	Btu/h	13,400
	Heating Maximum Capacity (17°F)	Btu/h	20,200
	Heating Maximum Capacity (5°F)	Btu/h	19,000
	Heating Cap. Range Min - Max	Btu/h	5,500-19,000
	HSPF		11.0
	COP (47°F)	W/W	2.93
	COP (17°F)	W/W	2.71
COP (5°F)	W/W	1.75	

Backward compatible with 40MBQB*C Cassette, 40MBQB*D Ducted

Performance

Vertical Fan Coil	Indoor Model		FFMANP019T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	18,000
	Cooling Cap. Range Min - Max	Btu/h	4,500-20,400
	SEER		16.0
	EER		11.6
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	13,000
	Heating Maximum Capacity (17°F)	Btu/h	18,100
	Heating Maximum Capacity (5°F)	Btu/h	18,100
	Heating Cap. Range Min - Max	Btu/h	5,500 -24,000
	HSPF		11.2
	COP (47°F)	WW	3.37
	COP (17°F)	WW	2.65
COP (5°F)	WW	2.34	
Horizontal Fan Coil	Indoor Model		FPMBN018T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	18,000
	Cooling Cap. Range Min - Max	Btu/h	4,500-19,400
	SEER		18.0
	EER		10.8
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	12,400
	Heating Maximum Capacity (17°F)	Btu/h	18,600
	Heating Maximum Capacity (5°F)	Btu/h	18,600
	Heating Cap. Range Min - Max	Btu/h	5,500-20,400
	HSPF		10.6
	COP (47°F)	WW	3.50
	COP (17°F)	WW	2.67
COP (5°F)	WW	2.23	

Construction View

Outdoor Model: 38MAQB18R--3

