

# Ductless Split Systems

*Carrier*<sup>®</sup>  
turn to the experts™ 



**TOSHIBA**  
*Carrier*

Right Product for the  
Right Application

# Ductless Split Systems

## Right Product for the Right Application

1:1

2:1 to 4:1



9-24K High Walls



18-24/36/42/60K  
High Wall, Cassette,  
Underceiling



2:1 to 4:1 High Walls  
Outdoor: 18/24/30K  
Indoor: 9/12/18K

18.0 - 23.0  
SEER

**TOSHIBA**  
*Carrier*  
RAS Series



**TOSHIBA**  
*Carrier*  
RAV Series



14.0 - 16.0  
SEER

*Carrier*  
GX Series

*Carrier*  
GXM Series




13.0 SEER/  
11.0 EER


*Carrier*  
MV Series

*Carrier*  
QN Series  
KM Series  
QA Series



# Ductless Split Systems



## Residential Ductless Split Systems



HIGH WALL						
Model	Appearance	Size	SEER	Series	Compressor Type	Page
RAS		9 - 22K	15.5 - 23.0	<b>TOSHIBA</b> <i>Carrier</i>	Variable Speed (Inverter)	5
GX		9 - 24K	15.0 - 16.0	Performance SERIES	Variable Speed (Inverter)	6 - 7
MV		9 - 24K	13.0	<b>Comfort</b> SERIES	Fixed Speed	8 - 9

MULTI-SPLIT HIGH WALL						
Model	Appearance	Size	SEER	Series	Compressor Type	Page
GXM	Up to FOUR 	9 - 30K	14.0	Performance SERIES	Variable Speed (Inverter)	10

## Light Commercial Ductless Split Systems

HIGH WALL						
Model	Appearance	Size	SEER	Series	Compressor Type	Page
RAV		18 - 24K	16.7 - 19.5	<b>TOSHIBA</b> <i>Carrier</i>	Variable Speed (Inverter)	11
QN		18 - 36K	13.0	Performance SERIES	Fixed Speed	12 - 13

UNDERCEILING						
Model	Appearance	Size	SEER	Series	Compressor Type	Page
RAV		18 - 24K	17.0 - 20.6	<b>TOSHIBA</b> <i>Carrier</i>	Variable Speed (Inverter)	14
QA		18 - 60K	13.0	Performance SERIES	Fixed Speed	15 - 16

CASSETTE						
Model	Appearance	Size	SEER	Series	Compressor Type	Page
RAV		18 - 24K	19.0 - 21.0	<b>TOSHIBA</b> <i>Carrier</i>	Variable Speed (Inverter)	17
KM		18 - 36K	13.0	Performance SERIES	Fixed Speed	18 - 19



for home



for business



for life



### Residential Limited Warranty

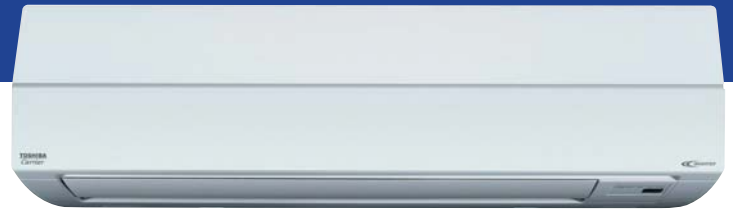
To the original owner, Carrier stands behind its ductless products with a five-year parts and seven-year compressor limited warranty. See warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions. Be sure to ask your Carrier dealer about optional labor warranties.

# RAS Series High Wall Systems

- Digital inverter compressor technology (9-24K)
- Up to 23.0 SEER, up to 11.0 HSPF
- R410A refrigerant
- Auto louver mode
- Wireless controller
- Turbo mode
- Timer, sleep mode
- One touch memory
- Quiet operation

**TOSHIBA**  
*Carrier*

**INVERTER**



Toshiba-Carrier High Wall Heat Pump Systems							
System	Size	9	12	15	17	22	
System	Outdoor Model	RAS-09LAV-UL	RAS-12LAV-UL	RAS-15LAV-UL	RAS-17LAV-UL	RAS-22LAV-UL	
	Indoor Model	RAS-09LKV-UL	RAS-12LKV-UL	RAS-15LKV-UL	RAS-17LKV-UL	RAS-22LKV-UL	
Performance	ENERGY STAR®	-	-	-	-	-	
	Cooling Rated Capacity Btu/h	9,000	12,000	15,000	16,200	21,400	
	Cooling Cap. Range Min - Max Btu/h	3,750 - 10,580	2,750 - 13,950	2,750 - 17,050	3,750 - 20,450	4,100 - 22,500	
	SEER / EER	20.0 / 13.0	23.0 / 12.6	20.0 / 13.0	19.0 / 12.6	15.5 / 8.3	
	Heating Rated Capacity Btu/h	10,800	14,200	18,000	20,200	23,200	
	Heating Cap. Range Min - Max Btu/h	3,070 - 16,350	3,070 - 19,000	2,750 - 21,500	2,750 - 21,500	3,450 - 24,350	
Controls	HSPF	10			9		
	Wireless (°C, °F, Convertible)	Standard - Convertible					
Operating Range	Wired (°C, °F, Convertible)	Not Available					
	Cooling Outdoor Min - Max DB °F	14 - 115					
	Heating Outdoor WB Min - Max °F	5 - 75					
	Cooling Indoor DB Min - Max °F	70 - 90					
Piping	Heating Indoor DB Min - Max °F	32 - 82					
	Total Piping Length ft.	66'					
	Piping Lift ft.*	33'					
Electrical	Pipe Connection Size - Liq. (in.)	1/4"		1/4"			
	Pipe Connection Size - Vap. (in.)	3/8"		1/2"			
	Voltage	208/230-1-60					
	Power Supply	Indoor unit powered from outdoor unit					
Outdoor	Outdoor - MCA	10	13			15	
	Outdoor - Fuse Rating (MOCP)	15	20			25	
	Dimensions (W x H x D) In.	30.7 x 21.7 x 11.4					
Indoor	Net Weight (lbs.)	75	88	91	93		
	Sound Pressure dBa (Clg / Htg)	47 / 47	50 / 50	51 / 51	52 / 52	53 / 53	
	Dimensions (W x H x D) In.	31.1 x 10.8 x 8.1			41.3 x 12.6 x 8.9		
	Net Weight (lbs.)	20			29		
Indoor	Number of Fan Speeds	5					
	Airflow (lowest to highest) CFM	177 / 211 / 244 / 274 / 303	219 / 262 / 334 / 355 / 406	340 / 396 / 455 / 504 / 562	388 / 447 / 505 / 571 / 636	388 / 447 / 505 / 571 / 636	
	Sound Pressure dBa (lowest to highest) Clg	27 / 30 / 34 / 36 / 39	26 / 30 / 33 / 36 / 39	30 / 35 / 40 / 42 / 45	32 / 35 / 38 / 41 / 44	35 / 38 / 41 / 44 / 47	
	Sound Pressure dBa (lowest to highest) Htg	28 / 32 / 35 / 37 / 40	32 / 36 / 41 / 43 / 46	32 / 35 / 39 / 41 / 44	32 / 35 / 39 / 41 / 44	35 / 38 / 42 / 44 / 47	

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit



# GX Series High Wall System

- Inverter compressor technology (9 -24K BTUH)
- Wireless remote, LED Display
- Low-voltage controls
- Sleep mode
- Indoor units powered from outdoor unit
- Auto restart on power failure
- Dehumidification mode

**XPOWER**

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the environmentally sound refrigerant



Carrier Inverter High Wall Cooling Only Systems (GXC Series)					
System	Size	9	12	18	24
System	Outdoor Model	38GXC009---1	38GXC012---1	38GXC018---3	38GXC024---3
	Indoor Model	40GXC009---1	40GXC012---1	40GXC018---3	40GXC024---3
Performance	ENERGY STAR®	*	-	-	-
	Cooling Rated Capacity Btu/h	8,600	12,000	17,000	20,000
	Cooling Cap. Range Min - Max Btu/h	3,300 - 10,100	2,650 - 14,100	5,000 - 17,000	4,000 - 21,000
	SEER / EER	16.0 / 12.0	16.0 / 11.0	15.0 / 8.6	16.0 / 9.4
Controls	Wireless (°C, °F, Convertible)	°F or °C		Standard - Convertible	
	Wired (°C, °F, Convertible)	Not Available			
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 115			
	Cooling Indoor DB Min - Max °F	55 - 95			
Piping	Total Piping Length ft.	65'		80'	100'
	Piping Lift ft.*	35'		50'	
	Pipe Connection Size - Liq. (in.)		1/4"		3/8"
	Pipe Connection Size - Vap. (in.)		1/2"		5/8"
Electrical	Voltage	115-1-60		208/230-1-60	
	Power Supply	Indoor unit powered from outdoor unit			
	Outdoor - MCA	20		14	16
	Outdoor - Fuse Rating (MOCP)	25			30
Outdoor	Dimensions (W x H x D) In.	33.4 x 21.3 x 12.6		33.3 x 27 x 11.8	37.4 x 33.1 x 16.5
	Net Weight (lbs.)	88		114.4	141
	Sound Pressure dBa	53	55	56	57
Indoor	Dimensions (W x H x D) In.	30.3 x 9.8 x 7.8	32.7 x 11.2 x 8.9	32.7 x 11.2 x 8.1	42.9 x 13.0 x 8.2
	Net Weight (lbs.)	18.7	24.2	26.4	38.5
	Number of Fan Speeds	3		4	
	Airflow (L / M / H / T) CFM	224 / 245 / 290 / -	245 / 268 / 315 / -	250 / 295 / 315 / 350	265 / 310 / 345 / 470
	Sound Pressure dBa (L / M / H / T)	31 / 36 / 40 / -	33 / 35 / 37 / -	41 / 44 / 46 / 49	37 / 40 / 43 / 51

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# GX Series High Wall System

- Inverter compressor technology (9-24K BTUH)
- Wireless remote, LED Display
- Low-voltage controls
- Sleep mode
- Indoor units powered from outdoor unit
- Auto restart on power failure
- Dehumidification mode

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Carrier Inverter High Wall Heat Pump Systems (GXQ Series)					
System	Size	9	12	18	24
System	Outdoor Model	38GXQ009---1	38GXQ012---1	38GXQ018---3	38GXQ024---3
	Indoor Model	40GXQ009---1	40GXQ012---1	40GXQ018---3	40GXQ024---3
Performance	Cooling Rated Capacity Btu/h	8,600	12,000	17,300	20,000
	Cooling Cap. Range Min - Max Btu/h	3,300 - 10,100	2,650 - 14,100	5,000 - 17,000	4,000 - 21,000
	SEER / EER	16.0 / 12.0	16.0 / 11.0	15.0 / 8.6	16.0 / 9.4
	Heating Rated Capacity Btu/h	10,800	11,200	18,000	24,000
	Heating Cap. Range Min - Max Btu/h	2,400 - 10,800	2,300 - 11,200	3,900 - 18,000	2,400 - 24,000
	HSPF	7.7		8.2	8.1
Controls	Wireless (°C, °F, Convertible)	°F or °C		Standard - Convertible	
	Wired (°C, °F, Convertible)	Not Available			
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 115			
	Heating Outdoor DB Min - Max °F	14 - 75			
	Cooling Indoor DB Min - Max °F	61 - 95			
	Heating Indoor DB Min - Max °F	55 - 80			
Piping	Total Piping Length ft.	65'	80'	100'	
	Piping Lift ft.*	35'	50'		
	Pipe Connection Size - Liq. (in.)	1/4"		3/8"	
	Pipe Connection Size - Vap. (in.)	1/2"		5/8"	
Electrical	Voltage	115-1-60		208/230-1-60	
	Power Supply	Indoor unit powered from outdoor unit			
	Outdoor - MCA	20		14	16
	Outdoor - Fuse Rating (MOCP)	25			30
Outdoor	Dimensions (W x H x D) In.	33.4 x 21.3 x 12.6		33.3 x 27.0 x 11.8	37.4 x 33.1 x 16.5
	Net Weight (lbs.)	88		114.4	141
	Sound Pressure dBa (Clg / Htg)	55 / 55		56 / 55	55 / 55
Indoor	Dimensions (W x H x D) In.	30.3 x 9.8 x 7.8	32.7 x 11.2 x 8.9	37.5 x 12.0 x 8.1	42.9 x 13.0 x 8.2
	Net Weight (lbs.)	18.7	24.2	26.4	38.5
	Number of Fan Speeds	3		4	
	Airflow (L / M / H / T) CFM	224 / 245 / 290 / -	245 / 268 / 315 / -	253 / 295 / 315 / 350	265 / 310 / 345 / 470
	Sound Pressure dBa (L / M / H / T) Clg	31 / 36 / 40 / -	33 / 35 / 37 / -	41 / 44 / 46 / 49	37 / 40 / 43 / 51
Sound Pressure dBa (L / M / H / T) Htg	31 / 33 / 38 / -	32 / 34 / 36 / -	37 / 41 / 44 / 48	39 / 40 / 43 / 50	

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# MV Series High Wall System

- Fixed speed (9-24K BTUH)
- Cools down to -20°F outdoor ambient
- 100 ft. line length, in 18 and 24K
- Cost competitive

**Comfort**  
SERIES



Carrier High Walls - Cooling Only (MVC Series)								
System	Size	9		12		18	24	
	Outdoor Model		38MVC009---1		38MVC012---1		38MVC012---3	38MVC024---3
Indoor Model		40MVC009---1		40MVC012---1		40MVC012---3	40MVC024---3	
Performance	Cooling Rated Capacity Btu/h	9,200		11,400		11,800	17,500	22,000
	SEER / EER	13.0 / 12.1		13.0 / 11.4		13.0 / 12.1	13.0 / 11.4	
Controls	Wireless (°C, °F, Convertible)	Standard - Convertible						
	Wired (°C, °F, Convertible)	Not Available						
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20 w / Low-Ambient Kit)						
	Cooling Indoor DB Min -Max °F	64 - 85						
Piping	Total Piping Length ft.	65			100			
	Piping Lift ft.*	35			50		60	
	Pipe Connection Size - Liq. (in.)	1/4"		1/4"		3/8"		
	Pipe Connection Size - Vap. (in.)	3/8"		1/2"		5/8"		
Electrical	Voltage	115-1-60			208/230-1-60			
	Power Supply	Indoor unit powered from outdoor unit						
	Outdoor - MCA	12		15		9	11	14
	Outdoor - Fuse Rating (MOCP)	20		25		15	20	25
Outdoor	Dimensions (W x H x D) In.	30.7 x 21.3 x 10.9		29.9 x 23.2 x 11.4		33.1 x 27.4 x 13.2		31.2 x 33.9 x 13.1
	Net Weight (lbs.)	70.4		79.2		116.6		149.6
	Sound Pressure dBa	54		57		56		
Indoor	Dimensions (W x H x D) In.	32.1 x 11.0 x 7.7		35.7 x 11.3 x 9.3		49.2 x 12.8 x 9.1		
	Net Weight (lbs.)	17.6		25.3		39.6		
	Number of Fan Speeds	3						
	Airflow (L / M / H) CFM	190 / 260 / 325		340 / 365 / 425		500 / 570 / 630		585 / 660 / 750
	Sound Pressure dBa ( L / M / H)		28 / 36 / 42		40 / 42 / 47		43 / 45 / 48	48 / 50 / 53

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit



# MV Series High Wall System

- Fixed speed (9-24K BTUH)
- Cools down to -20°F outdoor ambient
- 100 ft. line length, in 18 and 24K
- Cost competitive

**Comfort**  
SERIES



Carrier High Walls - Heat Pump (MVQ Series)								
System	Size	9		12		18	24	
System	Outdoor Model	38MVQ009---1		38MVQ012---1		38MVQ012---3	38MVQ024---3	
	Indoor Model	40MVQ009---1		40MVQ012---1		40MVQ012---3	40MVQ024---3	
Performance	Cooling Rated Capacity Btu/h	9,600		11,500		12,000	17,500	
	SEER / EER	13.0 / 12.1		13.0 / 11.4		13.0 / 12.0	13.0 / 11.0	
	Heating Rated Capacity Btu/h	9,400		11,500		17,000	21,500	
	HSPF	7.7						
Controls	Wireless (°C, °F, Convertible)	Standard - Convertible						
	Wired (°C, °F, Convertible)	Not Available						
Operating Range	Cooling Outdoor Min - Max DB °F	55 -125 (-20 w / Low-Ambient Kit)						
	Heating Outdoor DB Min - Max °F	5 - 75						
	Cooling Indoor DB Min -Max °F	64 -85						
	Heating Indoor DB Min -Max °F	55 - 80						
Piping	Total Piping Length ft.	65'				100'		
	Piping Lift ft.*	35'				50'	60'	
	Pipe Connection Size - Liq. (in.)	1/4"		1/4"			3/8"	
	Pipe Connection Size - Vap. (in.)	3/8"		1/2"			5/8"	
Electrical	Voltage	115-1-60			208/230-1-60			
	Power Supply	Indoor unit powered from outdoor unit						
	Outdoor - MCA	12	15	9	11	14		
	Outdoor - Fuse Rating (MOCP)	20	25	15	20	25		
Outdoor	Dimensions (W x H x D) In.	30.7 x 21.3 x 10.9		29.9 x 23.2 x 11.4		33.1 x 27.4 x 13.2	31.2 x 33.9 x 13.1	
	Net Weight (lbs.)	72.6		83.6		117.7	151.0	
	Sound Pressure dBA (Clg / Htg)	53 / 55		52 / 53		57 / 61	54 / 56	
	Dimensions (W x H x D) In.	32.1 x 11.0 x 7.7		35.7 x 11.3 x 9.3		49.2 x 12.8 x 9.1		
Indoor	Net Weight (lbs.)	17.6		25.3		39.6		
	Number of Fan Speeds	3						
	Airflow (L / M / H) CFM	190 / 260 / 325		340 / 365 / 425		500 / 570 / 630	585 / 660 / 750	
	Sound Pressure dBA (L / M / H) Clg	31 / 36 / 41		40 / 43 / 48		43 / 45 / 47	48 / 51 / 54	
	Sound Pressure dBA (L / M / H) Htg	33 / 36 / 43		36 / 40 / 47		43 / 45 / 46	49 / 53 / 55	

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# GXM Series Multi-Split High Wall System

- Inverter compressor technology (18-30K BTUH)
- 18K 2:1, 24K 2:1, 30K 4:1 (connect 2, 3 or 4 fan coils)
- Three indoor capacities: 9K, 12K and 18K
- Up to 14.5 SEER, up to 8.5 HSPF
- Wireless remote, LED display
- Low-voltage controls, sleep mode
- Indoor units powered from outdoor unit
- Auto restart on power failure
- Dehumidification mode

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Carrier Multi-Split Heat Pumps				
System	Size	18	24	30
	Outdoor Model	38GXM218---3	38GXM224---3	38GXM430---3
	Indoor Model	2 x 40GXM009---3	2 x 40GXM012---3	4 x 40GXM009---3
Performance	Cooling Rated Capacity Btu/h	16,500	24,000	26,000
	Cooling Cap. Range Min - Max Btu/h	3,750 - 17,500	12,850 - 27,470	11,200 - 32,400
	SEER / EER	14.0 / 8.9	14.5 / 9.6	14.5 / 8.0
	Heating Rated Capacity Btu/h	18,000	27,000	28,000
	Heating Cap. Range Min - Max Btu/h	3,180 - 18,000	10,970 - 27,140	11,300 - 37,500
	HSPF	7.9	8.3	8.4
Controls	Wireless (°C, °F, Convertible)	Standard - Convertible		
	Wired (°C, °F, Convertible)	NA		
Additional Combinations	Outdoor Unit	38GXM218---3	38GXM224---3	38GXM430---3
	1 FCU	9 K	9 K	NA
		12 K	12 K	NA
	2 FCU's	9 K + 9 K	9 K + 9 K	9 K + 9 K
		9 K + 12 K	9 K + 12 K	9 K + 12 K
	3 FCU's	12 K + 12 K	12 K + 12 K	9 K + 18 K
		9 K + 9 K + 9 K	9 K + 9 K + 9 K	9 K + 9 K + 9 K
		9 K + 9 K + 12 K	9 K + 9 K + 12 K	9 K + 9 K + 12 K
		9 K + 12 K + 12 K	9 K + 12 K + 12 K	9 K + 12 K + 12 K
		12 K + 12 K + 12 K	12 K + 12 K + 12 K	12 K + 12 K + 12 K
		12 K + 12 K + 18 K	12 K + 12 K + 18 K	12 K + 12 K + 18 K
	4 FCU's	9 K + 9 K + 9 K + 9 K	9 K + 9 K + 9 K + 9 K	9 K + 9 K + 9 K + 12 K
9 K + 9 K + 9 K + 12 K		9 K + 9 K + 9 K + 12 K	9 K + 9 K + 9 K + 12 K	
9 K + 9 K + 12 K + 12 K		9 K + 9 K + 12 K + 12 K	9 K + 9 K + 12 K + 12 K	
9 K + 9 K + 12 K + 18 K		9 K + 9 K + 12 K + 18 K	9 K + 12 K + 12 K + 18 K	
12 K + 12 K + 12 K + 12 K		12 K + 12 K + 12 K + 12 K	12 K + 12 K + 12 K + 12 K	
12 K + 12 K + 12 K + 18 K		12 K + 12 K + 12 K + 18 K	12 K + 12 K + 12 K + 18 K	
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 115		
	Heating Outdoor DB Min - Max °F	5 - 75		
	Cooling Indoor DB Min - Max °F	61 - 95		
	Heating Indoor DB Min - Max °F	55 - 80		
Piping	Total Piping Length ft.	124'		230'
	Piping to farthest FCU	82		82
	Drop (OD above ID) ft.	33		
	Lift (OD below ID) ft.	49		
Electrical	Voltage	208/230-1-60		
	Power Supply	Indoor unit powered from outdoor unit		
	Outdoor - MCA	14	21	22
Outdoor	Outdoor - Fuse Rating (MOCP)	25	40	
	Model	38GXM218-3	38GXM224-3	38GXM428-3
	Dimensions (W x H x D) In.	33.3 x 27.0 x 11.8	37.4 x 33.1 x 16.5	37.4 x 33.1 x 16.5
	Net Weight (lbs.)	114.4	150	165.0
	Sound Pressure dBA (Clg / Htg)	57 / 57		59 / 59
Indoor	Model	40GXM009-3	40GXM012-3	40GXM018-3
	Dimensions (W x H x D) In.	30.3 x 9.8 x 7.8	32.7 x 11.2 x 8.9	40.2 x 12.2 x 9.0
	Net Weight (lbs.)	18.7	24.2	28.6
	Airflow (L / M / H / T) CFM	170 / 212 / 235 / 265	192 / 247 / 287 / 335	230 / 250 / 277 / 294
	Number of Fan Speeds	4		
	Sound Pressure dBA (L / M / H / T) Clg	31 / 36 / 40 / 43	33 / 35 / 37 / 42	41 / 45 / 46 / 49
	Sound Pressure dBA (L / M / H / T) Htg	31 / 33 / 37 / 40	32 / 34 / 36 / 41	37 / 41 / 44 / 48

Per standard testing as described by ARI270-95

# RAV Series High Wall System

- Digital inverter compressor technology (18 - 24K BTUH)
- Up to 19.5 SEER, up to 9.8 HSPF
- Line lengths up 165 ft.
- Wireless controller included
- Auto louver mode
- Optional wired controller
- Turbo mode
- Quiet operation
- Diagnostics
- Low-ambient cooling down to 5° F
- Filter maintenance indicator
- Clean mode

**TOSHIBA**  
*Carrier*

**S U P E R**  
**DIGITAL INVERTER**



Toshiba-Carrier Inverter High Wall Heat Pump Systems			
System	Size	18	24
System	Outdoor Model	RAV-SP180AT2-UL	RAV-SP240AT2-UL
	Indoor Model	RAV-SP180KRT-UL	RAV-SP240KRT-UL
	Cooling Rated Capacity Btu/h	18,000	25,000
Performance	Cooling Cap. Range Min - Max Btu/h	3,560 - 23,500	4,100 - 32,600
	SEER / EER	19.5 / 10.0	16.7 / 9.1
	Heating Rated Capacity Btu/h	19,000	26,400
	Heating Cap. Range Min - Max Btu/h	2,250 - 23,000	3,480 - 30,400
	HSPF	11.5	9.8
	Controls	Wireless (°C, °F, Convertible)	Standard - Convertible
Wired (°C, °F, Convertible)		Optional - Convertible	
Operating Range	Cooling Outdoor Min - Max DB °F	23 - 110 (5 with wind baffle)	
	Heating Outdoor WB Min - Max °F	- 4 - 59	
	Cooling Indoor DB Min - Max °F	69.8 - 89.6	
	Heating Indoor DB Min - Max °F	59 - 82.4	
Piping	Total Piping Length ft.	165'	
	Piping Lift ft.*	100'	
	Pipe Connection Size – Liq. (in.)	1/4"	3/8"
	Pipe Connection Size – Vap. (in.)	1/2"	5/8"
Electrical	Voltage	208/230-1-60	
	Power Supply	Indoor unit powered from outdoor unit	
	Outdoor - MCA	17	24
	Outdoor - Fuse Rating (MOCP)	30	40
Outdoor	Dimensions (W x H x D) In.	30.7 x 21.7 x 11.4	35.4 x 35.0 x 12.6
	Net Weight (lbs.)	98	144.5
	Sound Pressure dBa (Clg / Htg )	48 / 49	49 / 50
Indoor	Dimensions (W x H x D) In.	41.3 x 12.6 x 9.0	
	Net Weight (lbs.)	31.0	
	Number of Fan Speeds	3	
	Airflow (L / M / H) CFM	400 / 430 / 490	370 / 420 / 530
	Sound Pressure dBa (L / M / H) Clg	38 / 41 / 43	38 / 41 / 46
	Sound Pressure dBa (H / M / L) Htg	38 / 41 / 43	38 / 41 / 46

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# QN Series High Wall System

- Fixed speed (18-36K BTUH)
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65-100 ft. elevation
- Optional wired control
  - Room control
  - Zone management system (32 fan coils / eight zones)
- Three-phase, three voltages on size 36
- Cost competitive

Performance  
SERIES



Carrier High Wall Cooling Only Systems (QNC Series)

System	Size	18	24	30	36			
Outdoor Model		38HDF018---3	38HDF024---3	38HDF030---3	38HDF036---3	38HDF036---5	38HDF036---6	
Indoor Model		40QNC01824-3	40QNC01824-3	40QNC030---3	40QNC036---3	40QNC036---3	40QNC036---3	
Performance	Cooling Rated Capacity Btu/h	16,600	22,000	27,000	34,200			
	SEER / EER	13.0 / 11.8	13.0 / 11.3	13.0 / 11.7	13.0 / 11.3			
Controls	Wireless (°C, °F, Convertible)	Standard - Convertible						
	Wired (°C, °F, Convertible)	Optional - Convertible						
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20°F w / Low-Ambient Kit)						
	Cooling Indoor DB Min - Max °F	62 - 90						
Piping	Total Piping Length ft.	200'						
	Drop (OD above ID) ft.	200'						
	Lift (OD below ID) ft.	65'						
	Pipe Connection Size - Liq. (in.)	3/8"			3/8"			
Pipe Connection Size - Vap. (in.)	5/8"			3/4"				
Electrical	Voltage	208/230-1-60			208/230-3-60	460-3-60		
	Power Supply	Indoor and outdoor units have dedicated power supply						
	Outdoor - MCA	12.1	16.8	18.4	23.8	18	8.3	
	Outdoor - Fuse Rating (MOCP)	20	25	30	40	30	15	
	Indoor - MCA	0.48			0.55			
Indoor - Fuse Rating (MOCP)	15							
Outdoor	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.6		36.9 x 31.1 x 14.6		44.6 x 37.2 x 17.1		
	Net Weight (lbs.)	166	176	187	250			
	Sound Pressure dBA	55			61			
Indoor	Dimensions (W x H x D) In.	42.5 x 11.6 x 7.9			57.5 x 13.4 x 9.5			
	Net Weight (lbs.)	31			51			
	Number of Fan Speeds				3			
	Airflow (L / M / H) CFM	460 / 525 / 645			530 / 630 / 730		600 / 750 / 900	
Sound Pressure dBA (L / M / H)	38 / 42 / 48			42 / 46 / 49		46 / 49 / 51		

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# QN Series High Wall System

- Fixed speed (18-36K BTUH)
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65-100 ft. elevation
- Optional wired control
  - Room control
  - Zone management system (32 fan coils / eight zones)
- Three-phase, three voltages on size 36
- Cost competitive

Performance  
SERIES



Carrier High Wall Heat Pump Systems (QNQ Series)								
System	Size	18	24	30	36			
System	Outdoor Model	38QRF018---3	38QRF024---3	38QRF030---3	38QRF036---3	38QRF036---5	38QRF036---6	
	Indoor Model	40QNQ018---3	40QNQ024---3	40QNQ030---3	40QNQ036---3	40QNQ036---3	40QNQ036---3	
Performance	Cooling Rated Capacity Btu/h	17,400	22,800	27,000	32,600			
	SEER / EER	13.0 / 11.3	13.0 / 11.5	13.0 / 11.7	13.0 / 10.9			
	Heating Rated Capacity Btu/h	17,000	22,000	28,200	35,600			
	HSPF	7.7						
Controls	Wireless (°C, °F, Convertible)	Standard - Convertible						
	Wired (°C, °F, Convertible)	Optional - Convertible						
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20°F w / Low-Ambient Kit)						
	Heating Outdoor DB Min - Max °F	17 - 75						
	Cooling Indoor DB Min - Max °F	62 - 90						
	Heating Indoor DB Min - Max °F	62 - 81						
Piping	Total Piping Length ft.	200'						
	Drop (OD above ID) ft.	200'						
	Lift (OD below ID) ft.	65'						
	Pipe Connection Size - Liq. (in.)	3/8"			3/8"			
Pipe Connection Size - Vap. (in.)	5/8"			3/4"				
Electrical	Voltage	208/230-1-60				208/230-3-60		460-3-60
	Power Supply	Indoor and outdoor units have dedicated power supply						
	Outdoor - MCA	12.1	16.8	18.4	23.8	18	8.3	
	Outdoor - Fuse Rating (MOCP)	20	25	30	40	30	15	
	Indoor - MCA	0.48				0.55		
Indoor - Fuse Rating (MOCP)	15							
Outdoor	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.6	36.9 x 31.1 x 14.6	44.6 x 37.2 x 17.1				
	Net Weight (lbs.)	166	176	187	232			
	Sound Pressure dBa (Clg / Htg)	55 / 55			61 / 61			
Indoor	Dimensions (W x H x D) In.	42.5 x 11.6 x 7.9			57.5 x 13.4 x 9.5			
	Net Weight (lbs.)	31			51			
	Number of Fan Speeds	3						
	Airflow (L / M / H) CFM	460 / 525 / 645			530 / 630 / 730		600 / 750 / 900	
	Sound Pressure (L / M / H) Clg	38 / 42 / 48			42 / 46 / 49		46 / 49 / 51	
Sound Pressure (L / M / H) Htg	39 / 43 / 49			44 / 47 / 50		47 / 50 / 52		

Per standard testing as described by ARI270-95  
 \*Condensing unit above or below indoor unit

# RAV Series Underceiling System

- Digital inverter compressor technology (18-42K BTUH)
- Up to 20.6 SEER, up to 11.0 HSPF
- Slim-line design
- Optional condensate pump
- Optional wired or wireless controller
- Low-ambient cooling down to 5° F
- Auto louver mode
- Power saving mode
- Quiet operation
- Diagnostics
- Filter maintenance indicator
- Clean mode

**TOSHIBA**  
*Carrier*

**S U P E R**  
**DIGITAL INVERTER**



Toshiba-Carrier Inverter Underceiling Heat Pump Systems						
System	Size	18	24	30	36	42
System	Outdoor Model	RAV-SP180AT2-UL	RAV-SP240AT2-UL	RAV-SP300AT2-UL	RAV-SP360AT2-UL	RAV-SP420AT2-UL
	Indoor Model	RAV-SP180CT-UL	RAV-SP240CT-UL	RAV-SP300CT-UL	RAV-SP360CT-UL	RAV-SP420CT-UL
Performance	Cooling Rated Capacity Btu/h	17,000	23,700	30,000	36,000	41,000
	Cooling Cap. Range Min - Max Btu/h	3,750 - 19,400	4,700 - 26,900	11,340 - 34,200	11,960 - 41,000	10,980 - 46,700
	SEER / EER	17.0 / 8.6	19.5 / 9.0	20.6 / 13.0	20.4 / 12.0	18.8 / 9.7
	Heating Rated Capacity Btu/h	19,000	28,900	29,800	38,000	44,800
	Heating Cap. Range Min - Max Btu/h	2,800 - 21,700	3,600 - 32,400	9,900 - 33,700	11,700 - 42,750	9,100 - 50,500
Controls	HSPF	10.8	10.3		11.0	
	Wireless (°C, °F, Convertible)	Optional - Dedicated °F or °C				
Operating Range	Wired (°C, °F, Convertible)	Optional - Convertible				
	Cooling Outdoor Min - Max DB °F	23 - 110 (5 with wind baffle)				
	Heating Outdoor WB Min - Max °F	-4 - 59				
	Cooling Indoor DB Min - Max °F	69.8 - 89.6				
	Heating Indoor DB Min - Max °F	59 - 82.4				
Piping	Total Piping Length ft.	165'		245'		
	Piping Lift ft.*	100'				
	Pipe Connection Size - Liq. (in.)	1/4"				3/8"
Electrical	Pipe Connection Size - Vap. (in.)	1/2"				5/8"
	Voltage	208/230-1-60				
	Power Supply	Indoor unit powered from outdoor unit				
	Outdoor - MCA	17				24
Outdoor	Outdoor - Fuse Rating (MOCP)	30				40
	Dimensions (W x H x D) In.	30.7 x 21.7 x 11.4	35.4 x 35.0 x 12.6	35.4 x 52.8 x 12.6		
	Net Weight (lbs.)	98	144.5	211.5		
	Sound Pressure dBa (Clg / Htg)	48 / 49	49 / 50	50 / 51	52 / 52	
Indoor	Dimensions (W x H x D) In.	35.8 x 8.3 x 26.8	46.5 x 8.3 x 26.8	62.8 x 8.3 x 26.8		
	Net Weight (lbs.)	46	55	73		
	Number of Fan Speeds	3				
	Airflow (L / M / H) CFM	320 / 360 / 410	330 / 380 / 440	560 / 630 / 720	610 / 690 / 790	
	Sound Pressure dBa (L / M / H) Clg	34 / 37 / 40	37 / 40 / 42	38 / 42 / 45	40 / 44 / 47	
Sound Pressure dBa (L / M / H) Htg	34 / 37 / 40	37 / 40 / 42	38 / 42 / 45	40 / 44 / 47		

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit

# QA Series Underceiling System

- Fixed speed (18-60K BTUH)
- Electro-mechanical controls
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65 ft. - 100ft. elevation
- Optional wired controls with three fan speeds
- Three-phase, three voltages on size 036 / 048 / 060
- Power ventilation kit
- Auxiliary electric heat on heat pumps
- 24 volts controls capable of connecting to an energy management system

Performance  
SERIES



Carrier Underceiling Cooling Only Systems							
System	Size	18	24	30	36	48	60
Outdoor Model		38HDR018---3	38HDR024---3	38HDR030---3	38HDR036---3/5/6	38HDR048---3/5/6	38HDR060---3/5/6
Indoor Model		40QAC024 ---3	40QAC024 ---3	40QAC036 ---3	40QAC036---3	40QAC048---3	40QAC060---3
Performance	Cooling Rated Capacity Btu/h	18,000	23,000	29,000	33,000	46,000	57,000
	SEER / EER	13.0 / 11.5		13.0 / 12.0	13.0 / 11.4	13.0 / 11.5	13.0 / 11.4
Controls	Wireless (°C, °F, Convertible)	Not Available					
	Wired (°C, °F, Convertible)	Standard - Convertible					
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20°F w / Low-Ambient Kit)					
	Cooling Indoor DB Min - Max °F	67 - 95					
Piping	Total Piping Length ft.	200'					
	Drop (OD above ID) ft.	200'					
	Lift (OD below ID) ft.	65'					
	Pipe Connection Size - Liq. (in.)	3/8"					
	Pipe Connection Size - Vap. (in.)	5/8"		3/4"		7/8"	
Electrical	Voltage	208/230-1-60			-3 = 208/230-1-60, -5 = 208/230-3-60, -6 = 460-3-60		
	Power Supply	Indoor and outdoor units have dedicated power supply					
	Outdoor - MCA	12.1	16.8	19.1	19.1/12.7/7.8**	28.7/18.6/8.6**	34.5/21.5/10.6**
	Outdoor - Fuse Rating (MOCP)	20	25	30	30/20/15**	50/30/15**	60/35/15**
	Indoor - MCA	0.63		1.6		2	3.3
Outdoor	Indoor - Fuse Rating (MOCP)	15					
	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.5		36.9 x 31.1 x 14.5		44.5 x 43.1 x 17	
	Net Weight (lbs.)	166	176	187	250	278	306
	Sound Pressure dBa	57	58	61			
Indoor	Dimensions (W x H x D) In.	50.9 x 9.9 x 23.1		58.7 x 9.9 x 23.1		71.5 x 9.9 x 23.1	
	Net Weight (lbs.)	108		117		149	
	Number of Fan Speeds	3					
	Airflow (L / M / H) CFM	320 / 400 / 500		640 / 740 / 840		670 / 1160 / 1200	
Sound Pressure dBa (L / M / H)	44 / 46 / 47		52 / 55 / 57		NA / 55 / 56		
		55 / 58 / 59					

Per standard testing as described by ARI270-95  
\*Condensing unit above or below indoor unit

\*\*MCA and MOCP are for -3, -5 and -6 respectively  
†Valve connection size is 7/8". Recommended line size is 1-1/8".



# QA Series Underceiling System

- Fixed speed (18-60K BTUH)
- Electro-mechanical controls
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65 ft. - 100ft. elevation
- Optional wired controls with three fan speeds
- Three-phase, three voltages on size 036 / 048 / 060
- Power ventilation kit
- Auxiliary electric heat on heat pumps
- 24 volts controls capable of connecting to an energy management system

Performance  
SERIES



Carrier Underceiling Heat Pump Systems							
System	Size	18	24	30	36	48	60
System	Outdoor Model	38QRR018---3	38QRR024---3	38QRR030---3	38QRR036---3/5/6	38QRR048---3/5/6	38QRR060---3/5/6
	Indoor Model	40QAQ024---3	40QAQ024---3	40QAQ036---3	40QAQ036---3	40QAQ048---3	40QAQ060---3
Performance	Cooling Rated Capacity Btu/h	17,000	23,000	28,000	33,000	45,000	56,000
	SEER / EER	13.0 / 11.7	13.0 / 11.4	13.0 / 11.2	13.0 / 11.6	13.0 / 11.5	13.0 / 11.4
	Heating Rated Capacity Btu/h	17,000	23,800	28,800	32,000	45,000	56,000
	HSPF	7.7					
Electric Heat	KW	2		3		4	
	Wireless (°C, °F, Convertible)	Not Available					
Controls	Wired (°C, °F, Convertible)	Standard - Convertible					
	Operating Range	Cooling Outdoor Min - Max DB °F: 55 - 125 (-20°F w / Low-Ambient Kit)					
Piping	Heating Outdoor DB Min - Max °F	-20 - 75					
	Cooling Indoor DB Min - Max °F	67 - 95					
	Heating Indoor DB Min - Max °F	55 - 80					
	Total Piping Length ft.	200'					
Electrical	Drop (OD above ID) ft.	200'					
	Lift (OD below ID) ft.	65'					
	Pipe Connection Size - Liq. (in.)	3/8"					
	Pipe Connection Size - Vap. (in.)	5/8"			3/4"		
Outdoor	Voltage	208/230-1-60			-3 = 208/230-1-60, -5 = 208/230-3-60, -6 = 460-3-60		
	Power Supply	Indoor and outdoor units have dedicated power supply					
	Outdoor - MCA	12.1	16.8	17.5	19.1/12.7/7.8**	28.7/18.6/8.6**	34.5/21.5/10.6**
	Outdoor - Fuse Rating (MOCP)	20	25	30	30/20/15**	50/30/15**	60/35/15**
	Indoor - MCA	9.29		17.7		23.8	
	Indoor - Fuse Rating (MOCP)	15		20		25	
Outdoor	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.5	36.9 x 31.1 x 14.5	44.5 x 37.1 x 17		44.5 x 43.1 x 17	
	Net Weight (lbs.)	166	176	187	232	278	306
	Sound Pressure dBa (Clg / Htg)	58 / 58	55 / 55	60 / 60	61 / 61	60 / 60	61 / 61
Indoor	Dimensions (W x H x D) In.	50.9 x 9.9 x 23.1		58.7 x 9.9 x 23.1		71.5 x 9.9 x 23.1	
	Net Weight (lbs.)	110		119		151	
	Airflow (L / M / H) CFM	320 / 400 / 500		640 / 740 / 840		670 / 1160 / 1200	
	Number of Fan Speeds	3					
	Sound Pressure dBa (L / M / H) Clg	47 / 48 / 48		52 / 55 / 57		NA / 55 / 56	
Sound Pressure dBa (L / M / H) Htg	47 / 48 / 48		52 / 55 / 57		NA / 55 / 56		

Per standard testing as described by ARI270-95  
\*Condensing unit above or below indoor unit

\*\*MCA and MOCP are for -3, -5 and -6 respectively



# RAV Series Cassette System

- Digital inverter compressor technology (18-42K BTUH)
- Up to 21.0 SEER, up to 11.9 HSPF
- Line length up to 245 ft.
- Optional fresh air intake
- Built-in condensate pump
- Independent louver control (fixed or swing)
- Optional wired or wireless controller
- Power saving mode
- Quiet operation
- Diagnostics
- Low-ambient cooling down to 5° F
- Filter maintenance indicator
- Clean mode

**TOSHIBA**  
*Carrier*

**SUPER**  
**DIGITAL INVERTER**



Toshiba-Carrier Inverter Cassette Heat Pump Systems						
System	Size	18	24	30	36	42
System	Outdoor Model	RAV-SP180AT2-UL	RAV-SP240AT2-UL	RAV-SP300AT2-UL	RAV-SP360AT2-UL	RAV-SP420AT2-UL
	Indoor Model	RAV-SP180UT-UL	RAV-SP240UT-UL	RAV-SP300UT-UL	RAV-SP360UT-UL	RAV-SP420UT-UL
Performance	ENERGY STAR®	-	-	-	-	-
	Cooling Rated Capacity Btu/h	19,000	25,000	32,000	36,500	40,800
	Cooling Cap. Range Min - Max Btu/h	3,800 - 21,600	5,670 - 28,500	10,470 - 36,460	11,260 - 41,500	10,990 - 46,100
	SEER / EER	20.5 / 10.7	20.7 / 11.0	21.0 / 14.0	21.0 / 13.0	19.0 / 11.5
	Heating Rated Capacity Btu/h	18,800	26,000	33,400	36,000	46,000
	Heating Cap. Range Min - Max Btu/h	3,100 - 21,200	4,100 - 29,900	8,500 - 38,100	8,240 - 40,300	8,400 - 51,500
Controls	HSPF	11.5	9.5	11.0	11.9	10.8
	Wireless (°C, °F, Convertible)	Optional - Dedicated °F or °C				
Operating Range	Wired (°C, °F, Convertible)	Optional - Convertible				
	Cooling Outdoor Min - Max DB °F	23 - 115 (5 with wind baffle)				
	Heating Outdoor WB Min - Max °F	-4 - 59				
	Cooling Indoor DB Min - Max °F	69.8 - 89.6				
	Heating Indoor DB Min - Max °F	59 - 82.4				
Piping	Total Piping Length ft.	165'		245'		
	Piping Lift ft.*	100'				
	Pipe Connection Size - Liq. (in.)	1/4"		3/8"		
	Pipe Connection Size - Vap. (in.)	1/2"		5/8"		
Electrical	Voltage	208/230-1-60				
	Power Supply	Indoor unit powered from outdoor unit				
	Outdoor - MCA	17		24		
	Outdoor - Fuse Rating (MOCP)	30		40		
Outdoor	Dimensions (W x H x D) In.	30.7 x 21.7 x 11.4		35.4 x 35.0 x 12.6		35.4 x 52.8 x 12.6
	Net Weight (lbs.)	98		144.5		
	Sound Pressure dBa (Clg / Htg)	48 / 49		49 / 50		50 / 51 52 / 52
	Unit Dimensions (W x H x D) In.	33.1 x 10.1 x 33.1			33.1 x 12.6 x 33.1	
Indoor	Grille Dimensions (W x H x D) In.				37.4 x 1.2 x 37.4	
	Unit Net Weight (lbs.)	44			53	
	Grille Net Weight (lbs.)				10	
	Number of Fan Speeds				3	
	Airflow (L / M / H) CFM	450 / 500 / 600		400 / 480 / 610		610 / 750 / 1050 630 / 730 / 1070
	Sound Pressure dBa (L / M / H) Clg	32 / 33 / 35		32 / 35 / 39		36 / 40 / 46 38 / 41 / 47
	Sound Pressure dBa (L / M / H) Htg	32 / 33 / 35		32 / 35 / 39		36 / 40 / 46 38 / 41 / 47

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit



# KM Series Cassette System

- Fixed speed (18-36K BTUH)
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65 ft. - 100 ft. elevation
- Optional wired control
  - Room control
  - Zone management system (32 fan coils / 8 zones)
- Three-phase, three voltages on size 36
- Power ventilation kit
- Electric heat

Performance  
SERIES



Carrier Cassette Cooling Only Systems								
System	Size	18	24	30	36			
System	Outdoor Model	38HDF018---3	38HDF024---3	38HDF030---3	38HDF036---3	38HDF036---5	38HDF036---6	
	Indoor Model	40KMC018---3	40KMC024---3	40KMC03036-3	40KMC03036-3	40KMC03036-3	40KMC03036-3	
Performance	Cooling Rated Capacity Btu/h	17,000	23,600	29,000	36,400			
	SEER / EER	13.0 / 10.9	13.0 / 10.75	13.0 / 11.5	13.0 / 11.0			
Controls	Wireless (°C, °F, Convertible)	Optional - Convertible						
	Wired (°C, °F, Convertible)	Optional - Convertible						
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20°F w / Low-Ambient Kit)						
	Cooling Indoor DB Min -Max °F	62 - 90						
Piping	Total Piping Length ft.	200'						
	Drop (OD above ID) ft.	200'						
	Lift (OD below ID) ft.	65'						
	Pipe Connection Size - Liq. (in.)	3/8"			3/8"			
	Pipe Connection Size - Vap. (in.)	5/8"			3/4"			
Electrical	Voltage	208/230-1-60				208/230-3-60	460-3-60	
	Power Supply	Indoor and outdoor units have dedicated power supply						
	Outdoor - MCA	12.1	16.8	18.4	23.8	18	8.3	
	Outdoor - Fuse Rating (MOCP)	20	25	30	40	30	15	
	Indoor - MCA	0.8	0.7	1.3				
	Indoor - Fuse Rating (MOCP)	15						
Outdoor	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.5	36.9 x 31.1 x 14.5		44.5 x 37.1 x 17			
	Net Weight (lbs.)	166	176	187	250			
	Sound Pressure dBa	55				61		
Indoor	Dimensions (W x H x D) In.	22.6 x 11.8 x 22.6	32.5 x 12.0 x 32.5					
	Net Weight (lbs.)	49	91	95				
	Number of Fan Speeds	3						
	Airflow (L / M / H) CFM	340 / 420 / 470	470 / 560 / 690		670 / 760 / 910			
	Sound Pressure dBa (L / M / H)	37 / 40 / 44	31 / 34 / 38		39 / 44 / 47			

Per standard testing as described by ARI270-95  
 \*Condensing unit above or below indoor unit

# KM Series Cassette System

- Fixed speed (18-36K BTUH)
- Cools down to -20°F outdoor ambient
- 200 ft. line length, 65 ft. - 100 ft. elevation
- Optional wired control
  - Room control
  - Zone management system (32 fan coils / 8 zones)
- Three-phase, three voltages on size 036
- Power ventilation kit
- Electric heat

Performance  
SERIES



Carrier Cassette Heat Pump Systems

		18	24	30	36			
System	Size	18	24	30	36			
	Outdoor Model	38QRF018---3	38QRF024---3	38QRF030---3	38QRF035---3	38QRF035---5	38QRF035---6	
	Indoor Model	40KMQ01824-3	40KMQ01824-3	40KMQ03036-3	40KMQ03036-3	40KMQ03036-3	40KMQ03036-3	
Performance	Cooling Rated Capacity Btu/h	17,900	22,600	29,200	33,400			
	SEER / EER	13.0 / 11.0						
	Heating Rated Capacity Btu/h	16,800	20,800	27,400	32,400			
	HSPF	7.7						
Electric Heat	KW	3						
Controls	Wireless (°C, °F, Convertible)	Optional - Convertible						
	Wired (°C, °F, Convertible)	Optional - Convertible						
Operating Range	Cooling Outdoor Min - Max DB °F	55 - 125 (-20°F w / Low-Ambient Kit)						
	Heating Outdoor DB Min - Max °F	17 - 75						
	Cooling Indoor DB Min - Max °F	62 - 90						
	Heating Indoor DB Min - Max °F	62 - 81						
Piping	Total Piping Length ft.	200'						
	Drop (OD above ID) ft.	200'						
	Lift (OD below ID) ft.	65'						
	Pipe Connection Size - Liq. (in.)	3/8"			3/8"			
	Pipe Connection Size - Vap. (in.)			3/4"				
Electrical	Voltage	208/230-1-60			208/230-3-60		460-3-60	
	Power Supply	Indoor and outdoor units have dedicated power supply						
	Outdoor - MCA	12.1	16.8	18.4	22.3	14.5	8.7	
	Outdoor - Fuse Rating (MOCP)	20	25	30	35	20	15	
	Indoor - MCA	16.3						
	Indoor - Fuse Rating (MOCP)	20						
Outdoor	Dimensions (W x H x D) In.	36.9 x 25.1 x 14.5	36.9 x 31.1 x 14.5	44.5 x 37.1 x 17.0				
	Net Weight (lbs.)	166	176	187	221			
	Sound Pressure dBa (Clg / Htg)	55 / 55			61 / 61			
Indoor	Dimensions (W x H x D) In.	32.5 x 12.0 x 32.5						
	Net Weight (lbs.)	91			95			
	Number of Fan Speeds	3						
	Airflow (L / M / H) CFM	470 / 560 / 690			670 / 760 / 910			
	Sound Pressure dBa (L / M / H) Clg	31 / 34 / 38			39 / 44 / 47			
	Sound Pressure dBa (L / M / H) Htg	31 / 34 / 38			39 / 44 / 47			

Per standard testing as described by ARI270-95

\*Condensing unit above or below indoor unit











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