

Multi-zone Heat Pump System

Outdoor Model: 38GJQG42---3



turn to the experts™

Submittal Data

Job Data: _____ Location: _____

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

Unit Number: _____ Model Number: _____

Performance Data Certified By: _____ Date: _____



INFINITY SERIES

MULTI-ZONE STANDARD FEATURES

- Variable Speed (Inverter)
- Built-in base pan heater
- Quiet operation
- Connect up to 5 multiple style indoor units
 - o High Wall (GR and GJ*B)
 - o Cassette (GJ*C)
 - o Ducted (GJ*D)
 - o Floor Console (GJ*F)

CONTROL FEATURES

- Wireless Remote Controller included with each indoor unit.
- Wired Remote Controller included with each Ducted and Cassette indoor unit (Optional on GJ*B High Wall)
- Smart Phone Controls (Optional on GR High Wall)

For specific information on indoor unit see Product Data

System	Size		42
	Outdoor Model		38GJQG42---3
	Max Number of Zones		5
Performance Non-Ducted	Cooling Rated Capacity	Btu/h	39,000
	Cooling Cap. Range Min - Max	Btu/h	8,871~40,944
	SEER		21
	EER		10.43
	Heating Rated Capacity	Btu/h	45,000
	Heating Cap. Range Min - Max	Btu/h	8,871~46,062
	HSPF		10.2
Performance Combination Ducted and Non-Ducted	Cooling Rated Capacity	Btu/h	39,500
	Cooling Cap. Range Min - Max	Btu/h	11,336~41,872
	SEER		17.85
	EER		10.1
	Heating Rated Capacity	Btu/h	46,000
	Heating Cap. Range Min - Max	Btu/h	8,186~46,531
	HSPF		9.9
Performance Ducted	Cooling Rated Capacity	Btu/h	39,500
	Cooling Cap. Range Min - Max	Btu/h	13,800~42,800
	SEER		14.7
	EER		9.8
	Heating Rated Capacity	Btu/h	46,500
	Heating Cap. Range Min - Max	Btu/h	7,500~47,000
	HSPF		9.6

Operating Range	Cooling Outdoor DB Min - Max	°F	0~119
	Heating Outdoor DB Min - Max	°F	-4-75
Piping	Total Piping Length	Ft.	246
	Piping to furthest FCU	Ft.	82
	Drop (OD above ID)	Ft.	49
	Lift (OD below ID)	Ft.	49
	Pipe Connection Size - Liquid	In.	1/4"
	Pipe Connection Size - Suction	In.	3/8"
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply	Indoor unit powered from outdoor	
	MCA	A.	24
	MOCP - Fuse Rating	A.	40
Outdoor	Unit Width	In.	42.8
	Unit Height	In.	43.4
	Unit Depth	In.	17.3
	Net Weight	Lbs.	198.4
	Airflow	CFM	4531
	Sound Pressure	dB(A)	61

Accessories

- ☐ Wired Control Convertible – F/C (GJ*B Systems)
☐ Grille/Ceiling panel (Required for GJ*C)

- ☐ Condensate Pump 208/230V (GR, GJ*B & GJ*F Indoor units)

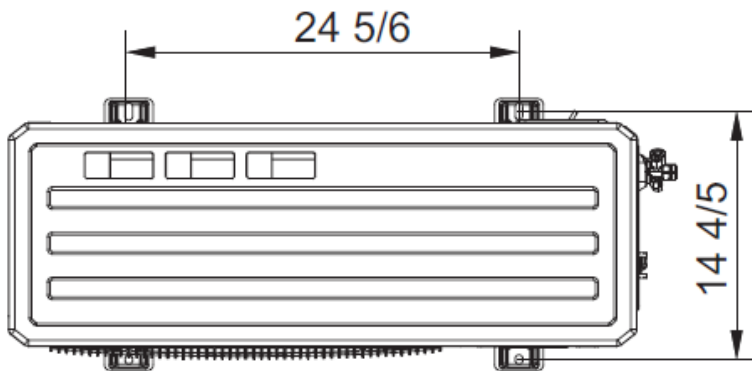
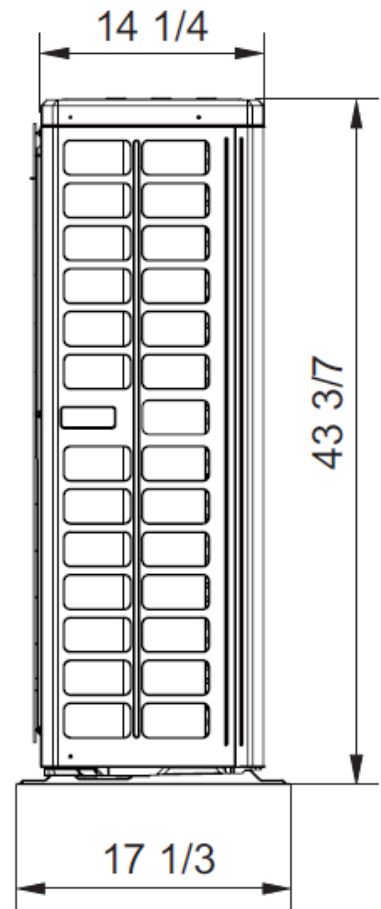
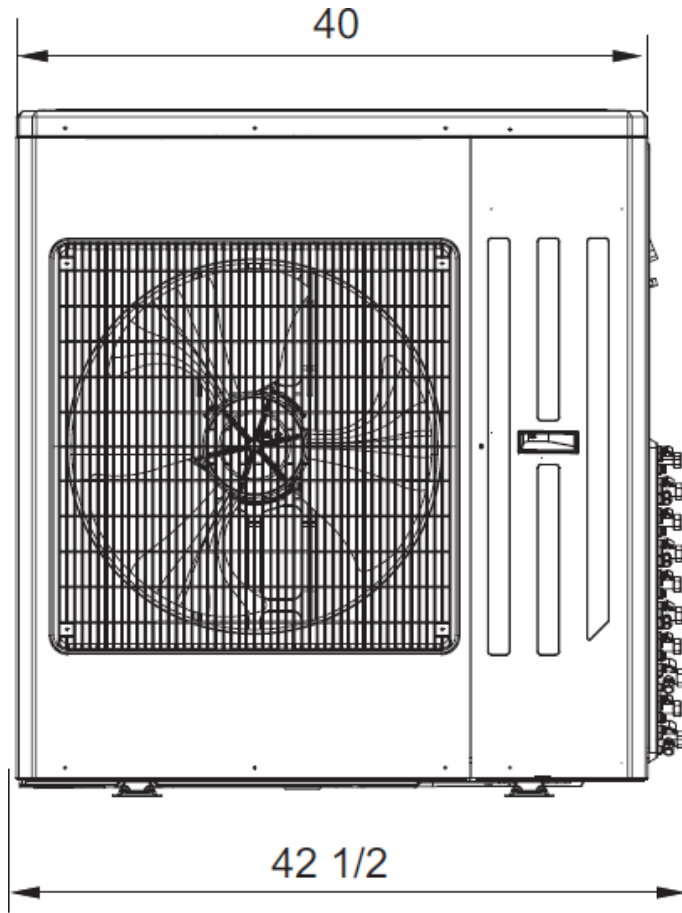
Multi-zone Indoor combinations

Outdoor Unit Model	2-Zone	3-Zone	4-Zone	5-Zone
38GJQG42---3	9+9	9+9+9	9+9+9+9	9+9+9+9+9
	9+12	9+9+12	9+9+9+12	9+9+9+9+12
	9+18	9+9+18	9+9+9+18	
	9+21	9+9+21	9+9+9+21	
	9+24	9+9+24	9+9+12+12	
	12+12	9+12+12	9+9+12+18	
	12+18	9+12+18	9+12+12+12	
	12+21	9+12+21	9+12+12+18	
	12+24	9+12+24	12+12+12+12	
	18+18	9+18+18		
	18+21	9+18+21		
	18+24	9+21+21		
	21+21	12+12+12		
	21+24	12+12+18		
	24+24	12+12+21		
		12+12+24		
		12+18+18		
		12+18+21		

	Indoor High Wall (GR)	Size		9	12	18		
		Model (White)		40GRQB09H--3	40GRQB12H--3	40GRQB18H--3		
		Model (Silver)		40GRQB09B--3	40GRQB12B--3	40GRQB18B--3		
		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				
	Indoor High Wall (GJ+B)	Size		9	12	18	24	
		Model		40GJQB09B--3	40GJQB12B--3	40GJQB18B--3	40GJQB24B--3	
		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	224/241/271/312/659/394/453	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	
	Indoor Cassette (GJ+C)	Size		12	18	24		
		Model		40GJQB12C--3	40GJQB18C--3	40GJQB24C--3		
		Unit Width	In.	22.4	22.4	22.4		
		Unit Height	In.	9.1	9.1	9.4		
		Unit Depth	In.	22.4	22.4	33.1		
		Net Weight	Lbs.	39.7	39.7	61.7		
		Pipe Connection Size - Liquid	In.	1/4"	1/4"	3/8"		
		Pipe Connection Size - Suction	In.	3/8"	1/2"	5/8"		
		Number of Fan Speeds		3	3	3		
		Airflow	CFM	265/294/353	265/294/353	500/ 559/694		
		Sound Pressure (lowest to highest)	dB(A)	42/44/46	42/44/46	35/37/39		
	Indoor Ducted (GJ+D)	Size		9	12	18	21	24
		Model		40GJQB09D--3	40GJQB12D--3	40GJQB18D--3	40GJQB21D--3	40GJQB24D--3
		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		
	Indoor Floor Console (GJ+F)	Size		9	12	18		
		Model		40GJQB09F--3	40GJQB12F--3	40GJQB18F--3		
		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		

Construction View

Outdoor Unit 38GJQG42---3



Unit:inch

