



INNOVATIVE IDEAS IN AIR CONDITIONING



High Wall

Ducted

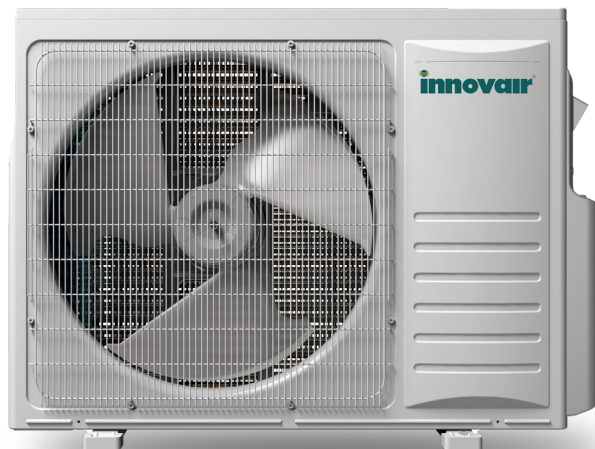
Ceiling Cassette

Main Features

- R454B Environmentally Friendly Refrigerant
- Efficient performance at low ambient temperatures
- Indoor options High Wall, Fan Coils, and Cassettes
- A2L Sensor included in Cassette and Fan Coil
- Optional A2L sensor for 9K/12K High Walls
- Low ambient operation to -13°F
- IRA Tax Rebate
- EnergyStar for all models
- Wifi included with auto-diagnostic app
- Larger screen LED Remote Control

UP TO 23 SEER²
EFFICIENCY

4MULTI

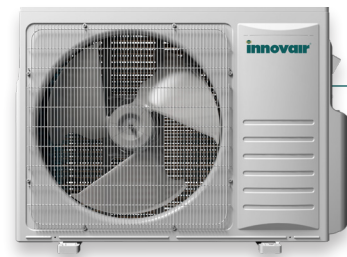


INVERTER



Q4MULTI

UP TO 5 ZONES - MIX AND MATCH



4-WAY AIRFLOW

4-Way Air Flow allows for air movement in horizontal or vertical position for complete area coverage

SLEEP MODE

One click to limit the maximum frequency current while still maintain the room temperature within the optimal temperature, guarantee a cool nightsleep with maximum energy saving.

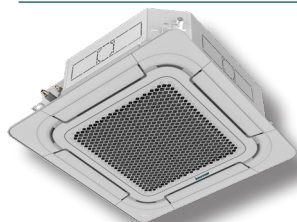


Included



Optional

Model #		QHW07H2UZRA	QHW09H2UZRA	QHW12H2UZRA	QHW18H2UZRA	QHW24H2UZRA
Cooling capacity	Btu/h	7000	9000	12000	18000	24000
Heating capacity	Btu/h	7000	9000	12000	18000	24000
Power	V/Hz/Ph	208-230V~,60Hz,1P	208-230V~,60Hz,1P	208-230V~,60Hz,1P	208-230V~,60Hz,1P	208-230V~,60Hz,1P
Rated current	A	0.18	0.18	0.18	0.32	0.32
Anti electric shock		Class I	Class I	Class I	Class I	Class I
Degrees of protection		IPX0	IPX0	IPX0	IPX0	IPX0
Air flow	CFM	341	341	365	647	706
Noise Level (Sound Pressure)	dB(A)	39/32/29	39/32/29	39/32/29	45/41/37	47/42/36
Net Dimension (WxHxD)	inch	32 7/8x11x8 11/16	32 7/8x11x8 11/16	32 7/8x11x8 11/16	43 5/16x12 13/16x9 5/8	43 5/16x12 13/16x9 5/8
Net Weight	lbs	18.7	18.7	18.7	30.8	30.8
Diameter(Liquid)	inch	1/4	1/4	1/4	1/4	3/8
Diameter(Gas)	inch	3/8	3/8	3/8	1/2	5/8



360° ROUND FLOW

Round Flow offers optimum efficiency and comfort with a full-flat panel and micro-channel design allowing smooth air supply.

COMPACT DESIGN

Slim design with body thickness of 8.5 inches (215mm) and the installation thickness of 9.6 inches (245mm) reducing the ceiling height requirement.

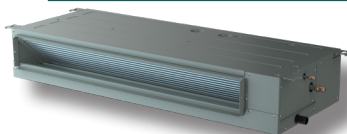


Included



Optional

Body Model #		QCS09H2BHRA	QCS12H2BHRA	QCS18H2BHRA	QCS24H2BHRA
Cooling capacity	Btu/h	9000	12000	18000	24000
Heating capacity	Btu/h	9000	12000	18000	24000
Power	V/Hz/Ph	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1
Rated current	A	0.63	0.63	1.13	1.13
Anti electric shock		Class I	Class I	Class I	Class I
Degrees of protection		IPX4	IPX4	IPX4	IPX4
Air flow	CFM	341/294/235	341/294/235	643/554/465	643/554/465
Noise Level (Sound Pressure)	dB(A)	52	52	57	54
Net Dimension (WxHxD)	inch	22-1/2 x 8-1/2 x 22-1/2	22-1/2 x 8-1/2 x 22-1/2	33-1/4 x 9-1/4 x 33-1/4	33-1/4 x 9-1/4 x 33-1/4
Net Weight	lbs	34.2	34.2	50.7	50.7
Diameter(Liquid)	inch	1/4	1/4	1/4	3/8
Diameter(Gas)	inch	3/8	3/8	1/2	5/8



NOTE: gravity drain; QDL/QDH ducted DO NOT include a pump.

SLIM DESIGN

The slim duct unit with a thickness of only 7.5in (190mm), makes it applicable for narrow ceiling spaces

HIGH STATIC DUCT

External static pressure up to a maximum of 0.022 Psig (150Pa) makes unit applicable for a wide range of building types



Optional



Included

Model Name		QDL09H2BHWA	QDL12H2BHWA	QDH18H2BHWA	QDH24H2BHWA
Cooling capacity	Btu/h	9000	12000	18000	24000
Heating capacity	Btu/h	9000	12000	18000	24000
Power	V/Hz/Ph	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1
Rated current	A	0.5	0.5	1.13	1.20
Anti electric shock		Class I	Class I	Class I	Class I
Degrees of protection		IPX0	IPX0	IPX0	IPX0
Air flow	CFM	324/294/235	324/294/235	530/471/412	735/647/559
Noise Level (Sound Pressure)	dB(A)	57	57	54	54
Net Dimension (WxHxD)	inch	36 x 7-1/2 x 17-5/8	36 x 7-1/2 x 17-5/8	31-1/2 x 9-5/8 x 27-1/2	47-1/4 x 9-5/8 x 27-1/2
Net Weight	lbs	44.1	44.1	58.4	73.9
Diameter(Liquid)	inch	1/4	1/4	1/4	3/8
Diameter(Gas)	inch	3/8	3/8	1/2	5/8

Type (Multi Zone)			Up to 2 indoor units	Up to 3 indoor units	Up to 4 indoor units	Up to 5 indoor units
Model #			QOM18H2BM2A	QOM27H2BM3A	QOM36H2BM4A	QOM42H2BM5A
AHRI# (Non-Ducted)			215747775	215747778	215747785	215747782
E-STAR __ V6.1			Yes	Yes	Yes	Yes
Gas			R454B	R454B	R454B	R454B
Voltage, Frequency, Phase		V/Hz/Ph	208/230 - 60 - 1	208/230 - 60 - 1	208/230 - 60 - 1	208/230 - 60 - 1
Voltage Range		V	187~253	187~253	187~253	187~253
Cooling	Rated Capacity at 95°F	Btu/h	18000	27000	36000	42000
	Cooling Capacity Range(MIN-MAX)	Btu/h	18000	27000	36000	42000
	Capacity at 115°F	Btu/h	18000	27000	36000	42000
	Power Input	W	1350	2100	2802	3500
	Current Range	A	6.3 (2.4~12.1)	9.3 (3.6~13.6)	12.8 (5.3~24)	15.5 (5.3~28.0)
	EER2 at 95°F	Btu/h/W	13.30	12.85	12.85	12
	SEER2	Btu/h/W	22.00	23.00	22	22
	Working Temperature Range	°F	5~125°F	5~125°F	5~125°F	5~125°F
Heating	Rated Capacity at 47°F	Btu/h	18000	27000	36000	48000
	Heating Capacity Range(MIN-MAX)	Btu/h	14500~30000	20100~44000	9000~54000	9000~58000
	Power Input	W	1380	2200	2700	3910
	Current Range	A	6.4 (2.1~15.7)	10 (5.9~20)	12.5 (9.0~23.8)	18.0 (9.7~24.5)
	COP2 at 47°F	W/W	3.82	3.60	3.91	3.60
	COP @ 5°F	W/W	1.99	1.82	1.92	1.92
	HSPF2(IV)	Btu/h/W	10.00	10.00	10	9.5
	HSPF2(V)	Btu/h/W	7.95	7.7	7.78	7.4
	Rated Capacity Heating at 17°F (-8.3)	Btu/h	11500	17600	22600	28200
	Maximum Heating Capacity @17°F (-8.3)	Btu/h	18000	27000	36000	36000
	Maximum Heating Capacity @5°F(-15)	Btu/h	18000	27000	36000	36000
	Maximum Heating Capacity @-5°F (-20.5)	Btu/h	13500	20000	27000	28000
	Maximum Heating Capacity @-13°F (-25)	Btu/h	13356	19177	26175	27216
	Working Temperature Range	°F	-13~75°F	-13~75°F	-13~75°F	-13~75°F
Max. td Fuse/Breaker		A	20	25	45	45
Power Source Cable Size		No.x AWG	3×14AWG	3×12AWG	3×10AWG	3×10AWG
Communication Cable Size		No.x AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG
Power Consumption in Stand-by mode		W	12	20	20	20
Airflow Outdoor Unit		CFM	1850	3357	3357	3357
Noise Level		dB(A) (Max)	55	62	64	64
Compressor	Model		KRD220XAA21	KKD330XAA21	C-7RZ420H1CAF	C-7RZ420H1CAF
	Type		ROTARY	ROTARY	ROTARY	ROTARY
Net Dimension (WxHxD)		inch	34 x 26-1/2 x 12-1/4	38-1/2 x 33 x 14-1/4	38-1/2 x 33 x 14-1/4	38-1/2 x 33 x 14-1/4
Net Weight		lbs	101.4	160.6	169.8	172
Piping	Diameter(Liquid)	inch	1/4	1/4	1/4	1/4
	Diameter(Gas)	inch	3/8	3/8	3/8	3/8
	Max Length(Each)	ft	82	82	82	82
	Max Length(Total)	ft	164	230	230	262
	Max Height	ft	49	49	49	49
Pre-Charged refrigerant		oz	51.15	76.2	105.8	105.8
		Ft	25	25	25	25
25		oz/ft	0.161	0.161	0.161	0.161

*Specifications are subject to changes without notice. ** Model numbers, pictures, and specifications of all products are subject to change without further notice.

Outdoor Model	Outdoor Connections	Combinations Allowed					
		Two Units	Three Units		Four Units		Five Units
QOM18H2BM2A	2 Pipe	07+07					
		07+09					
		07+12					
		09+09					
		09+12					
		12+12					
QOM27H2BM3A	3 Pipe	07+07	07+07+07	09+09+18			
		07+09	07+07+09	09+12+12			
		07+12	07+07+12	12+12+12			
		07+18	07+07+18				
		09+09	07+09+09				
		09+12	07+09+12				
		09+18	07+09+18				
		09+24	07+12+12				
		12+12	07+12+18				
		12+18	09+09+09				
		18+18	09+09+12				
QOM36H2BM4A	4 Pipe	07+24	07+07+07	07+12+24	07+07+07+07	07+09+09+12	
		09+24	07+07+09	09+09+09	07+07+07+09	07+09+09+18	
		12+18	07+07+12	09+09+12	07+07+07+12	07+09+09+24	
		12+24	07+07+18	09+09+18	07+07+07+18	07+09+12+12	
		18+18	07+07+24	09+09+24	07+07+07+24	07+09+12+18	
		18+24	07+09+09	09+12+12	07+07+09+09	07+12+12+12	
			07+09+12	09+12+18	07+07+09+12	09+09+09+09	
			07+09+18	12+12+12	07+07+09+18	09+09+09+12	
			07+09+24	12+12+18	07+07+12+12	09+09+09+18	
			07+12+12	18+18+07	07+07+12+18	09+09+12+12	
			07+12+18	18+18+09	07+09+09+09	09+12+12+12	
QOM42H2BM5A	5 Pipe	12+24	07+07+07		07+07+07+07	09+09+12+24	07+07+07+07+07
		18+18	07+07+09		07+07+07+09	09+12+12+12	07+07+07+07+09
		18+24	07+07+12		07+07+07+12	09+12+12+18	07+07+07+07+12
		24+24	07+07+18		07+07+07+18	09+12+12+24	07+07+07+07+18
			07+07+24		07+07+07+24	12+12+12+12	07+07+07+07+24
			07+09+09		07+07+09+09	12+12+12+18	07+07+07+09+09
			07+09+12		07+07+09+12		07+07+07+09+12
			07+09+18		07+07+09+18		07+07+07+09+18
			07+09+24		07+07+09+24		07+07+07+09+24
			07+12+12		07+07+12+12		07+07+07+12+12
			07+12+18		07+07+12+18		07+07+07+12+18
			07+12+24		07+07+12+24		07+07+09+09+09
			09+09+09		07+17+18+24		07+07+09+09+12
			09+09+12		07+09+09+09		07+07+09+09+18
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			09+09+24		07+09+09+18		07+07+12+12+12
			09+12+12		07+09+09+24		07+09+09+09+09
			09+12+18		07+09+12+12		07+09+09+09+12
			09+12+24		07+09+12+18		07+09+09+09+18
			09+18+18		07+09+12+24		07+09+09+12+12
			09+18+24		07+12+12+12		07+09+12+12+12
			12+12+12		09+09+09+09		09+09+09+09+09
			12+12+18		09+09+09+12		09+09+09+09+12
			12+12+24		09+09+09+18		09+09+09+09+18
			12+18+18		09+09+09+24	09+09+09+12+12	
			12+18+24		09+09+12+18	09+09+12+12+12	

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