

RLC PRODUCT OVERVIEW


R-410A

Carrier Hiwall split unit (R410a) -Fixed Speed



Auto Restart
Function



Timer



Louver Position
Memory



Sleep Mode



Self-diagnosis and
Auto-protection

42QHA009N / 38QHA009N
42QHA012N / 38QHA012N
42QHA018N / 38QHA018N
42QHA024N / 38QHA024N

- ❖ Turbo Mode
- ❖ Louver Position Memory Function
- ❖ Timer
- ❖ Auto Restart function
- ❖ Self diagnosis
- ❖ Sleep Mode

Carrier Hiwall split unit (R410a) -Fixed Speed Technical Specification

Indoor			42QHA009N	42QHA012N	42QHA018N	42QHA024N
Outdoor			38QHA009N	38QHA012N	38QHA018N	38QHA024N
Power supply		V-Ph-Hz	1Ph, 220-240V~, 50Hz			
Cooling	Capacity	Kw	2.64	3.52	5.28	7.04
	Power consumption	W	821	1095	1643	2503
	EER	W/W	3.21	3.21	3.21	2.81
Indoor	Air flow (H/M/L)	m ³ /h	510/380/338	568/440/352	820/665/543	1000/796/640
	Noise level (H/M/L)	dB(A)	40/33/26	41/36/31	43/38/33	47/40/34
	Dimension (W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Net weight	Kg	7.20	7.70	10.20	12.70
Outdoor unit	Dimension (W*D*H)	mm	700x270x550	770x300x555	770x300x555	845x363x702
	Net weight	Kg	26.40	30.00	35.80	48.80
	Noise level (High)	dB(A)	55.5	56	56	60
Refrigerant piping	Liquid side/ Gas side	mm	6.35/9.50	6.35/12.7	6.35/12.7	9.5/15.9
	Max. refrigerant pipe length	m	20	20	25	25
	Max. difference in level	m	8	8	10	10
Operation Temperature	Cooling	°C	18-43			

Carrier Hiwall split unit (R410a) - Inverter



42KHC009VS / 38KHC009VS
42KHC012VS / 38KHC012VS
42KHC018VS / 38KHC018VS
42KHC024VS / 38KHC024VS

- ❖ Turbo Mode
- ❖ Louver Position Memory Function
- ❖ Timer
- ❖ Auto Restart function
- ❖ Self diagnosis
- ❖ Sleep Mode
- ❖ Operating voltage range (168-264V)

Carrier Hiwall split unit (R410a) -Inverter

Technical Specification

Indoor			42KHC009VS	42KHC012VS	42KHC018VS	42KHC024VS
Outdoor			38KHC009VS	38KHC012VS	38KHC018VS	38KHC024VS
Power supply		V-Ph-Hz	1Ph, 220-240V~, 50Hz			
Cooling	Capacity	Kw	2.78	3.52	5.28	7.03
	Power consumption	W	850	1130	1650	2350
	EER	W/W	3.28	3.11	3.20	2.99
Indoor	Air flow (Turbo)	m3/h	520	600	800	1100
	Noise level (Turbo/H/M/L)	dB(A)	42/39/35/30	43/40/36/31	46/44/39/36	51/48/43/38
	Dimension (W*D*H)	mm	730*192*291	812*192*300	973*218*319	1082*225*338
	Net weight	Kg	8	9	12	14
Outdoor unit	Dimension (W*D*H)	mm	700x275x550	700x300x555	800*333*554	845*363*702
	Net weight	Kg	22	25	30.5	37
	Noise level (High)	dB(A)	54	54	58	58
Refrigerant piping	Liquid side/ Gas side	mm	6.35/9.50	6.35/9.50	6.35/12.7	9.5/15.9
	Max. refrigerant pipe length	m	25	25	30	40
	Max. difference in level	m	10	10	20	20
Operation Temperature	Cooling	°C	0 - 46			

Carrier 4Way cassette (R410a) – Fixed Speed



42KTD012NS / 38KUS012NS
42KTD018NS / 38KUS018NS
42KTD024NS / 38KUS024NS
42KTD030NS / 38KUS030NS
42KTD036NT / 38KUS036NT
42KTD048NT / 38KUS048NT
42KTD060NT / 38KUS060NT

- ❖ Compact Design
- ❖ Fresh Air intake
- ❖ Built in drain pump
- ❖ Auto restart function



Optional Controller

Origin: USA, Assemble : UAE

Carrier 4Way cassette (R410a) – Fixed Speed Technical Specification

Indoor			42KTD012NS	42KTD018NS	42KTD024NS	42KTD030NS	42KTD036NT	42KTD048NT	42KTD060NT	
Outdoor			38KUS012NS	38KUS018NS	38KUS024NS	38KUS030NS	38KUS036NT	38KUS048NT	38KUS060NT	
Power supply		V-Ph-Hz	1Ph, 220-240V~, 50Hz				3Ph, 380-415V~, 50Hz			
Cooling	Capacity	Kw	3.52	5.28	7.03	9.67	11.14	14.07	17.00	
	Power consumption	W	1400	2020	2600	3400	4000	5100	6500	
	EER	W/W	2.51	2.61	2.70	2.84	2.79	2.76	2.62	
Indoor	Air flow (H/M/L)	m3/h	650/550/430	810/650/530	1050/950/800	1650/1400/1250	1800/1500/1300	1900/1500/1300	1900/1500/1300	
	Noise level (H/M/L)	dB(A)	40/36/33	46/40/36	48/43/38	54/50/46	53/50/47	55/51/50	55/53/51	
	Dimension (W*D*H)	mm	570x570x260	570x570x260	840x840x205	840x840x245	840x840x245	840x840x245	840x840x287	
	Dimension (W*D*H)- Panel	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	
	Net weight	Kg	16.40	16.20	23	25	24.70	27	29	
	Net weight - Panel	Kg	2.50	2.50	5	5	5	5	5	
Outdoor unit	Dimension (W*D*H)	mm	770x300x555	770x300x555	845x363x702	946x410x810	946x410x810	946x410x810	900x350x1170	
	Net weight	Kg	29.50	33.70	49.10	62.80	73.60	75.90	92.30	
	Noise level	dB(A)	56	62	61	61	63	65	65	
Refrigerant piping	Liquid side/ Gas side	mm	6.35/12.7	6.35/12.7	9.5/15.9	9.5/19	9.5/19	9.5/19	9.5/19	
	Max. refrigerant pipe length	m	15	25	25	30	30	50	50	
	Max. difference in level	m	8	15	15	20	20	30	30	
Operation Temperature - Cooling		°C	18-43							

Carrier Underceiling (R410a) – Fixed Speed



42KZL018NS / 38KUS018NS
42KZL024NS / 38KUS024NS
42KZL030NS / 38KUS030NS
42KZL036NT / 38KUS036NT
42KZL048NT / 38KUS048NT
42KZL060NT / 38KUS060NT

- ❖ 3D Flow
- ❖ Auto Restart Function
- ❖ Easy to Install
- ❖ Drain pump (Optional)



Optional Controller

Origin: USA, Assemble : UAE

Carrier Underceiling (R410a) – Fixed Speed Technical Specification

Indoor			42KZL018NS	42KZL024NS	42KZL030NS	42KZL036NT	42KZL048NT	42KZL060NT
Outdoor			38KUS018NS	38KUS024NS	38KUS030NS	38KUS036NT	38KUS048NT	38KUS060NT
Power supply		V-Ph-Hz	1Ph, 220-240V~, 50Hz			3Ph, 380-415V~, 50Hz		
Cooling	Capacity	Kw	5.28	7.04	9.38	10.55	14.07	17.60
	Power consumption	W	2020	2600	3400	4000	5400	6300
	EER	W/W	2.61	2.71	2.76	2.64	2.61	2.79
Indoor	Air flow (H/M/L)	m ³ /h	1150/950/800	1250/1050/900	1800/1500/1300	1800/1500/1300	2197/1859/1657	2300/1900/1700
	Noise level (H/M/L)	dB(A)	52/48/44	52/47/44	53/50/46	54/50/46	56/53/51	58/55/52
	Dimension (W*D*H)	mm	1068x675x235	1068x675x235	1285x675x235	1285x675x235	1650x675x235	1650x675x235
	Net weight	Kg	24.60	31.40	28.70	29.10	40	41
Outdoor unit	Dimension (W*D*H)	mm	770x300x555	845x363x702	946x410x810	946x410x810	946x410x810	900x350x1170
	Net weight	Kg	33.70	49.10	62.80	73.60	75.90	92.30
	Noise level	dB(A)	62	61	61	63	66	65
Refrigerant piping	Liquid side/ Gas side	mm	6.35/12.7	9.5/15.9	9.5/19	9.5/19	9.5/19	9.5/19
	Max. refrigerant pipe length	m	25	25	30	30	50	50
	Max. difference in level	m	15	15	20	20	30	30
Operation Temperature - Cooling		°C	18-43					

Carrier Ducted Fan Coil (R22) – Fixed Speed



40LZA080 / 38LZA080
40LZA100 / 38LZA100
40LZA125 / 38LZA125
40LX150 / 38LZA150
40LX200 / 38LZA200

- ❖ High static design meets a wider range of applications
- ❖ Direct driven forward curved centrifugal fans and 3-speed motor
- ❖ Sine Wave fin pattern ensures high EER performance
- ❖ Convertible fan discharge design (ODU)
- ❖ Easy installation and maintenance
- ❖ Crankcase heater as standard

Horizontal Air Discharge



Vertical Air Discharge



Technical Specification

Model	Indoor	40LZA080	40LZA100	40LZA125	40LX150	40LX200
	Outdoor	38LZA080	38LZA100	38LZA125	38LZA150	38LZA200
Nominal Capacity	kW	23.5	29.3	36.6	43.9	58.6
Refrigerant	R-22					
Power Source (V-Ph-Hz) Nominal - Indoor		230-1-50	230-1-50	230-1-50	400-3-50	400-3-50
Fan	Type	Centrifugal Forward Curve				
Nominal Air Flow	l/s	1,257	1,500	1,640	2100	2,800
Dimensions	Depth, D (mm)	760	760	760	710	764
	Width, W (mm)	1,640	1,640	1,640	1,346	1,651
	Height, H (mm)	541	541	541	1,487	1,541
Operating Weight	kg	107.5	112	112	200	230
Sound Pressure Level*	dB(A) @ Hi-Speed	72	73	73	59	61
External Finish		Unpainted Galvanized Steel Casing				
Filter	Type	Washable				
Compressor	Type	Hermetic Scroll				
Dimensions	Depth, D (mm)	1,024	1,024	1,024	1,161	1,161
	Width, W (mm)	895	895	895	1,230	1,230
	Height, H (mm)	845	945	945	1,175	1,175
Operating Weight	kg	175	189	195	274	342
Sound Pressure Level*	dB(A)	75	79	79	76	76



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