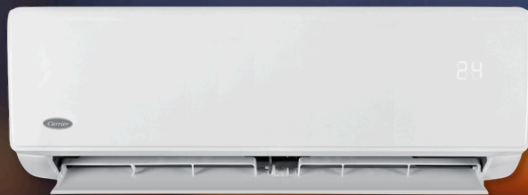




# HI WALL ALLURE *Plus*



Residential Warranty

## EFFICIENCY MEETS LUXURY

Willis Carrier invented modern air conditioning in 1902, and his brand has set new standards with the Allure Plus Inverter Hi-Wall split system. Key features include Wi-Fi technology, Active Energy Control, and a self-cleaning outdoor unit. The sleek design of the indoor unit complements any décor while providing quiet and effective cooling, making it one of the best Carrier Hi-Wall Inverter Split Systems available.

## GOLDEN FIN TREATMENT

The outdoor unit features an anti-corrosive coating to prevent rust, especially in seaside areas. The indoor unit has a 5-layer structure with anti-corrosion, self-lubrication, and self-cleaning functions to enhance efficiency.

## UV LAMP

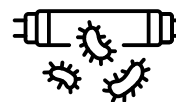
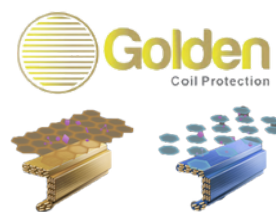
The UV lamp helps keep your system clean by eradicating bacteria, mould, and mildew so they do not become airborne and circulate throughout your home.

## SMART DIAGNOSIS

Smart Diagnosis tests 97 functions through a mobile app, displaying an "EC" error code when issues are detected. Users can also perform a self-check by swiping on the app to check for maintenance needs, providing 24/7 technician-like support.

## LEAK DETECTION

The Allure Plus series has a number of functions designed to keep you safe and identify a system glitch. In the unlikely case of a refrigerant leak, the system will automatically stop and display the error code on the indoor unit, your controller, and the app.



## STAY CONNECTED



Carrier's Smart Home app allows you to connect to all your Carrier products via your smartphone. Now you can operate your Carrier unit from almost anywhere, at any time. Carrier's Smart Home app comes with a suite of innovative features.



# SPECIFICATIONS



	Model Number - System		53QH020-1	53QH026-1	53QH035-1	53QH050-1	53QH060-1	53QH070-1	53QH080-1
	- Indoor		42QH020N8-1	42QH026N8-1	42QH035N8-1	42QH050N8-1	42QH060N8-1	42QH070N8-1	42QH080N8-1
	- Outdoor		38QH020N8	38QH026N8	38QH035N8	38QH050N8	38QH060N8	38QH070N8-1	38QH080N8-1
	Refrigerant Type		R32						
	Refrigerant amount	gm	620	900		1260		1400	
	Power Supply	Volts-Phase-Hz	220-240v 1ph,50Hz						
COOLING	Capacity - Rated	kW	2.0	2.65	3.5	5.00	6.00	7.00	7.75
	Capacity - Range (Min / Max)	kW	0.74/3.43	0.98/3.90	1.00/3.79	2.35/5.83	2.76/6.00	3.20/8.00	3.20/8.00
	Power Input - Rated	kW	0.43	0.53	0.79	1.36	1.77	2.00	2.30
	Power Input - Range	kW	0.16/1.06	0.18/1.05	0.18/1.03	0.48/1.88	0.58/1.88	0.67/2.65	0.67/2.65
	Seasonal Efficiency (Hot / Average / Cold)	Star Rating	5.5 / 5 / 5	6.5 / 6 / 6.5	5/ 5 / 5	4/ 4 / 4	4/ 4 / 4	3.5/ 3.5 / 4	3.5/ 3.5 / 3.5
	Operating Current	A	2.01	2.50	3.5	6.00	7.90	8.62	10.00
HEATING	Capacity - Rated	kW	2.20	2.75	3.75	5.35	6.20	7.60	8.20
	Capacity - Range (Min / Max)	kW	0.86/4.36	1.02/4.21	1.06/4.55	2.41/6.03	2.41/6.40	2.26/8.82	2.26/8.82
	Power Input - Rated	kW	0.46	0.53	0.83	1.46	1.82	2.07	2.30
	Power Input - Range	kW	0.16/1.29	0.16/1.49	0.17/1.45	0.46/2.00	0.46/2.91	0.47/2.91	0.47/2.91
	Seasonal Efficiency (Hot / Average / Cold)	Star Rating	3.5 / 3 / 2.5	4 / 3.5 / 3	4/ 3 / 2.5	3/ 2.5/2	3/ 2.5/1.5	3/ 2.5/2	3/2.5/2
	Operating Current	A	2.12	2.31	3.68	6.52	8.20	9.04	9.98
INDOOR UNIT	Dimension (W-D-H)	mm	729x200x292	802x200x295		971x228x321		1082x234x337	
	Net Weight	kg	8.0	8.5	8.5	11.2		13.5	
	Cooling Airflow (Hi/Mi/Lo)	l/s	128/94/75	139/100/83	147/106/86	222/167/139		128/94/75	128/94/75
	Moisture Removal	L/hr	0.48	0.50	0.87	1.73	2.47	2.24	2.94
	Sound Pressure (Hi/Mi/Lo) - 1m	dB(A) (@spl)	38/31.5/30	37/31/29	39/32.5/30	44.5/38/34.5		50/42/36.5	
OUTDOOR UNIT	Dimension (W-D-H)	mm	765x303x555	805x330x554		890x342x673			
	Net Weight	kg	26.5	32.2		37.9		42.4	
	Inverter Compressor	Rotary	SINGLE						
	Fan Motor Output	W	34			80			
	Cooling - (Sound Pressure) (H) at 1m distance	dB(A) (@spl)	55.5	54	55.5	59.5		60.5	
	Cooling Sound Power (H)	dB(A)	54	58	59	66	65	67	69
	Cooling Usable Temperature Range	Celsius	0~50						
	Heating Usable Temperature Range	Celsius	-15~24						
PIPE SIZE	Liquid Line Ø/Gas Line Ø	mm	6.35 / 9.52			6.35 / 12.7		6.35 / 15.9	
	Coupler Style		Flare Joint						
	Minimum Length	m	3						
	Maximum Length	m	25			30		50	
	Pre-Charge Length	m	5						
	Maximum Height Difference (Above/Below)	m	10			20		25	



2-Way Draining



Auto Restart  
function



Filter  
Cleaning  
Reminder



Golden Fin  
protective  
coating



Louver Position  
Memory



Quiet



Sleep Mode  
Do Not Disturb



Timer



Wired Control  
option



Compound  
Filter



Demand Response  
Enabled Device



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AHC is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

Product specifications in this brochure are only indicative and are subject to change. They are not intended to be used in place of the engineering or installation book.

All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only. Cooling and heating capacities mentioned for the products are nominal capacities at standard operating conditions.

Equipment rates are in accordance with MEPS GEMS 2019 Determination.

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ALLURE  
Plus



Residential Warranty

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