



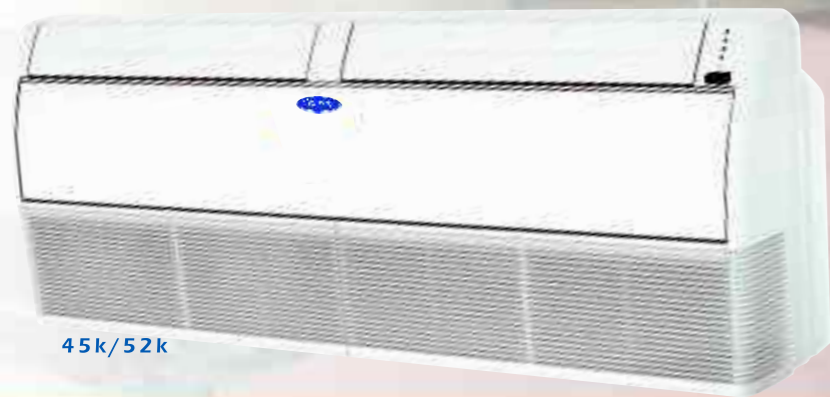
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## CUC Series



A small version of the Carrier logo, consisting of the word "Carrier" in a white serif font inside a blue oval with a white border.



# CUC Series

## ADVANTAGES & BENEFITS

### ECONO MODE

Save power by selecting "dry" mode. The unit operates as a de-humidifier, using less energy than cooling mode, reducing your energy bill.

### VERTICAL AND HORIZONTAL SWING

With "auto swing", you can choose the best louver position for heating and cooling and distribute the air evenly around the room. \*Horizontal swing only on 45k, 52k

### FLEXIBLE INSTALLATION

The unit can be installed either horizontally or vertically, condensate pipes can be connected to either side.

### ADVANCED TEMPERATURE CONTROL

Infra red remote controls come standard, with wired and group controls available as optional accessories. Up to 64 indoor units can be controlled from a central point

### SELF DIAGNOSTICS

This function detects errors and displays them electronically through led's on the indoor unit

### AUTO RESTART

Automatically restores your settings after power failures have occurred. The unit will switch On automatically once power is restored and return to the previous user settings.

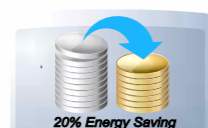
### Auto Swing



### Daily Timer



### Econo Mode



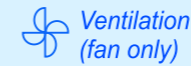
Remote Control



Wired Control



(Optional)



UNDER-CEILING UNIT			TECHNICAL SPECIFICATION				
Model			CUC-18H1	CUC-24H1	CUC-36H1	CUC-48H1	CUC-60H1
Indoor Unit Model			42CUC-18H1	42CUC-24H1	42CUC-36H1	42CUC-48H1	42CUC-60H1
Power supply	V-ph-Hz		220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50	380~415-3-50
Cooling	Rated Capacity	Btu/h	18000	24000	35000	45000	52000
	Input	W	2099	2777	3957	4968	5515
	EER	W/W	2.46	2.41	2.3	2.54	2.4
Heating	Rated Capacity	Btu/h	20000	28000	38000	48000	56000
	Input	W	1055	2861	4171	4579	5230
	COP	W/W	3.17	2.68	2.58	3.02	2.91
Indoor air flow(Hi/Mi/Lo)	m <sup>3</sup> /h		1006/897/764	1006/897/764	1400/1260/1150	2031/1887/1721	1941/1722/1487
Indoor noise level	dB(A)		44/42/39	45/43/40	45/43/40	47/46/44	47/46/44
Indoor unit	Dimension(W/H/D)	mm	990×203×660	990×203×660	1280×203×660	1670×240×680	1670×240×680
	Packing(W×H×D)	mm	1089×296×744	1089×296×744	1379×296×744	1764×329×760	1764×329×760
	Net/Gross weight	kg	27/33	27/33	35/40	52/59	52/59
Refrigerant type			R22	R22	R22	R22	R22
Refrigerant piping	Liquid / Gas side	mm	1/4" / 1/2"	3/8" / 5/8"	3/8" / 3/4"	3/8" / 3/4"	3/8" / 3/4"
Drain pipe diameter		mm	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25
Connection wiring	Power supply	mm <sup>2</sup>	3×2.5	3×2.5	3×4.0	5×2.5	5×2.5
	Electric signal wiring	mm <sup>2</sup>	5×2.5	3×2.5	3×2.5	3×2.5	3×2.5
Operation temperature	°C		17-30	17-30	17-30	17-30	17-30
Outdoor unit							
Model			38COU-18H1	38COU-24H1	38COU-36H1	38COU-48H1	38COU-60H1
Power supply	V-ph-Hz		220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50	380~415-3-50
Max. input consumption	W		2750	3250	5200	6580	6600
Outdoor air flow	m <sup>3</sup> /h		2439	4000	5850	5900	6050
Outdoor noise level	dB(A)		44	47	49	50	52
Outdoor unit	Dimension(W×H×D)	mm	824×593×282	932×660×340	1075×966×354	1075×966×354	986×1167×340
	Packing (W×H×D)	mm	891×657×359	986×726×436	1120×1100×435	1120×1100×435	1032×1307×443
	Net/Gross weight	kg	42/45	60/65	96/102	99/106	102/110
Piping	Max. pipe length	m	20	20	25	25	30
	Max. height diff	m	10	10	10	10	15
Operating ambient temp (Cool / Heat )	°C		18-43 / 7-24	18-43 / 7-24	18-43 / 7-24	18-43 / 7-24	18-43 / 7-24

Cooling Conditions 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.  
 Heating Conditions 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.  
 Specification and performance data are subject to change without prior notice for product improvement purposes.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations