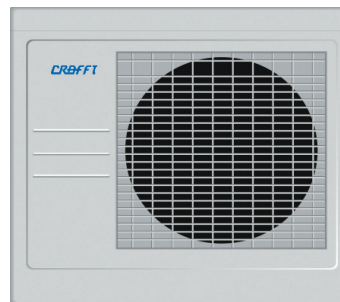


## Wall Mounted Split System - R410A

### CWM 9-24 ZC Range



airconditioner

WALL MOUNTED SPLIT AIRCONDITIONING SYSTEM R410A



### Standard Features

DIGITAL FRONT PANEL DISPLAY

ENVIRONMENTALLY FRIENDLY R410A

LOW NOISE UNIT

AUTO RESTART AFTER POWER FAILURE

AUTO CHANGE OVER

HIGH EFFICIENCY - EER "A" RATED ON SIZES 9, 12 & 18

AUTO FAN SPEED

INFRA RED REMOTE CONTROLLER WITH TIMER

SELF DIAGNOSTIC FUNCTION

SWING LOUVERS

HIGH EFFICIENCY HEAT EXCHANGER

REMOVABLE & EASY TO CLEAN FRONT PANEL

WIDE ANGLE AIR FLOW

WASHABLE FILTER



### MAIN TECHNICAL SPECIFICATIONS

### Wall Mounted CWM - ZC Series - (R410A)

Model	Indoor unit Outdoor unit	CWM-09HA1-ZC CCW-09HA1-ZC	CWM-12HA1-ZC CCW-12HA1-ZC	CWM-18HA1-ZC CCW-18HA1-ZC	CWM-24HA1-ZC CCW-24HA1-ZC	
Nominal cooling capacity	Btu/h	9,000	12,200	18,600	24,100	
	Kw	2.64	3.58	5.45	7.06	
Nominal heating capacity	Btu/h	9,500	13,000	20,000	25,500	
	Kw	2.8	3.8	5.9	7.5	
Dehumidifying capacity	L/hr	1.1	1.4	2.5	3.4	
Input power	Cooling	Kw	0.82	1.115	1.7	2.34
	Heating	Kw	0.76	1.15	1.75	2.45
Water proof class (outdoor)	---	IP24				
EER	Kw/Kw	3.22	3.21	3.21	3.02	
COP	Kw/Kw	3.6	3.3	3.3	3.1	
Energy Label	Cooling	A	A	A	B	
	Heating	A	C	C	D	
Annual Energy Consumption	Cooling	KWh	410	558	850	1170
Rated input current	Cooling	Amp	3.8	5.2	7.9	10.96
	Heating	Amp	3.5	5.3	8.2	11.48
Start Current	Amp	17	28	42	52	
Power supply	V/Ph/Hz.	230/1/50				

#### INDOOR UNIT

Model		CWM-09HA1-ZC	CWM-12HA1-ZC	CWM-18HA1-ZC	CWM-24HA1-ZC	
INDOOR UNIT	Airflow	m3/h	450	500	800	1000
	Noise level (H/M/L) @ 1 M	dB(A)	37-35-33	39-37-35	43-41-39	47-45-43
	Cond. Drain connection OD	mm(in)	19.05 (3/4)			
	Dimensions	H	mm	270	320	
		W	mm	790	1020	
		D	mm	187	215	
	Net weight	Kgs	10		14	

#### OUTDOOR UNIT

Model		CCW-09HA1-ZC	CCW-12HA1-ZC	CCW-18HA1-ZC	CCW-24HA1-ZC		
OUTDOOR UNIT	Construction	Panel	Steel Sheet				
		Surface finish	Powder Coating				
	Compressor	Rotary					
	Refrigerant control	Capillary tube					
	Noise level @ 1 M	dB(A)	51	54	55	57	
	Dimensions	H	mm	435	520	590	695
		W	mm	660	750	760	843
D		mm	265	270	270	330	
Net weight	Kgs	28	34	42	55		

Model	Indoor / Outdoor	Flare / Flare					
REFRIGERANT PIPING	Connection Type	Indoor / Outdoor	Flare / Flare				
	Refrigerant Precharged up to	m	7	7	7	7	
	Add extra grms of refig. per extra meter	gm/m	15	15	15	15	
	Pipe size OD	Liquid	in	1/4"	1/4"	1/4"	1/4"
		Gas	in	3/8"	1/2"	1/2"	5/8"
	Max pipe Length	Length	m	9	15	15	15
Height		m	5	8	8	8	

#### Notes:

- All capacities are based on: Cooling: indoor 27°C DB, 19.5°C WB, outdoor 35°C DB, 24°C WB  
Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB
- All specifications are subject to change by the manufacturer without prior notice
- Energy Label: Scale from A (Highest efficiency) to G (Lowest efficiency)
- Annual Energy consumption calculated on average of 500 running hours per year on full load

