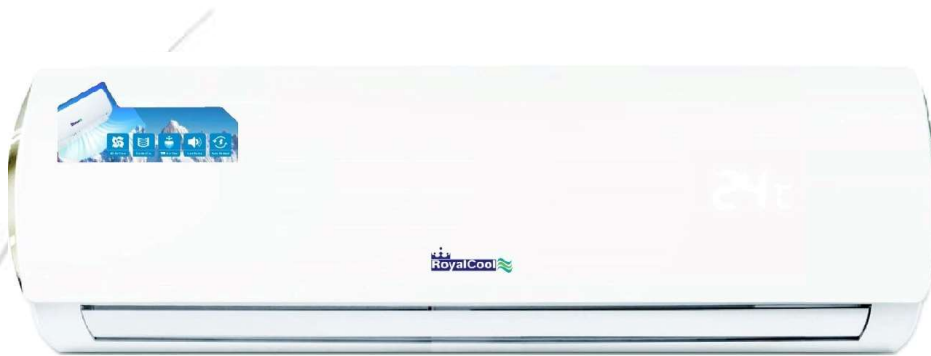


New SERIES -2022

SPLIT Units Catalogue

RESIDENTIAL AIR CONDITIONERS



Member of DIN Registrars (Middle East) Ltd



8527



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T3 - Wall Mounted Split Units



-20 °C ~ 60 °C RUN AND COMFORTABLE



4D AIR FLOW



LONG DISTANCE AIR FLOW



• New Panel Design



KEY FEATURES

- High Efficiency Systems with low energy consumption
- ESMA Certified Units
- Quick cooling and heating capability
- Environment friendly R410a Refrigerant Gas
- Multi speed fan selection
- Long distance air throw
- Self-evaporator cleaning option available
- LCD display
- High ambient cooling capability, Tested under T3 conditions
- High Quality Air Filter
- Golden Fins

TECHNICAL DATA

Royal Cool Model			RCW-12COR(R410a)	RCW-18COR(R410a)	RCW-24COR(R410a)	RCW-30COR(R410a)
Power supply		Ph-V-Hz	220-240V/50HZ	220-240V/50HZ	220-240V/50HZ	220-240V/50HZ
Type			Split	Split	Split	Split
Power Supply Mode			Indoor	Indoor	Indoor	Indoor
Control type			Remote	Remote	Remote	Remote
Cooling - T1 Conditions	Capacity	BTU	13500	18540	24000	27000
	Power Input	W	1130	1530	2020	2280
	Current	A	4.9	6.7	9.3	9.9
	EER	Btu/hr / W	11.95	12.12	11.88	11.84
Cooling - T3 Conditions	Capacity	BTU	11600	15500	20300	23200
	Power Input	W	1330	1750	2430	2680
	Current	A	5.7	7.8	11.1	11.9
	EER	Btu/hr / W	8.72	8.86	8.35	8.66
Moisture removal		L/h	1.2	1.8	2.2	2.6
Max. input consumption		W	1469	1989	2626	2964
Max. current		A	6.9	9.3	12.3	13.9
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Capacitor	uF	35	45	45	60
Indoor unit	Indoor air flow	m3/h	550/500/450	1050/900/800	1200/1050/900	1200/1050/900/
	Noise level	dB(A)	42/40/38/36	46/43/40/37	46/43/40/37	48/45/42/39
	Unit dimension (W*H*D)	mm	790*200*270	1025*320*235	1100*325*245	1100*325*245
	Packing (W*H*D)	mm	870*265*335	1105*315*405	1190*330*420	1190*330*420
Outdoor unit	Noise level	dB(A)	54	54	56	56
	Unit dimension (W*H*D)	mm	780*560*270	780*560*270	860*720*320	860*720*320
	Packing (W*H*D)	mm	880*602*330	880*602*330	1015*775*445	1015*775*445
	Refrigerant type		R410A	R410A	R410A	R410A
	Refrigerant charge	Kg	0.75	1.15	1.5	1.8
Refrigerant pipe	Liquid side	mm	6	6	6	9.52
	Gas side	mm	12	12	15.88	15.88
	Max. refrigerant pipe length	m	12	12	15	15
	Max. difference in level	m	7	7	8	8

Floor Standing Split Units

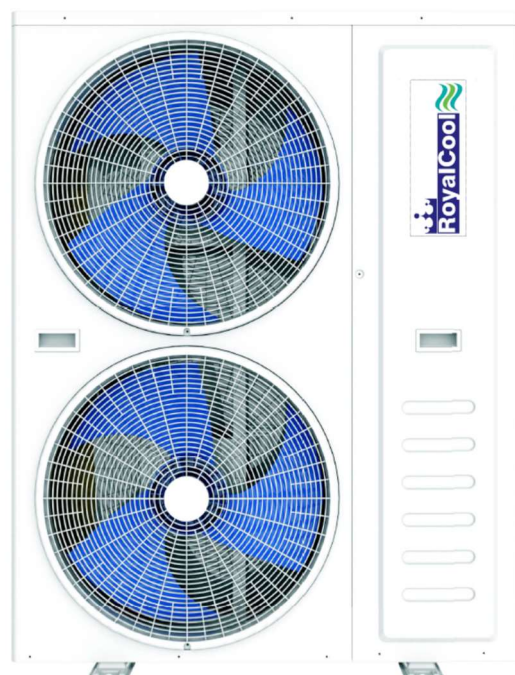
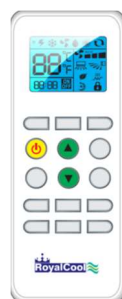
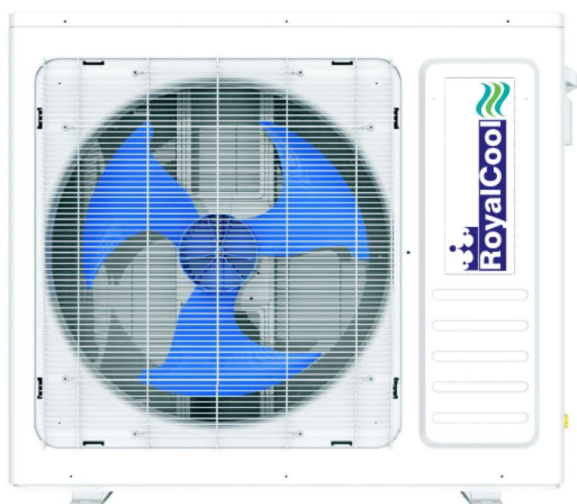
• New Panel Design



KEY FEATURES

- Environment friendly R410a Refrigerant Gas
- Units Tested Under T3 Conditions
- High Air Flow Volume for the indoor units with long reach up to 15 m
- Environment friendly R410a Refrigerant Gas

• Two Outdoor Units Available Single Fan & Double Fan



TECHNICAL DATA

Model			RCFS-36CO/RCO-36CO	RCFS-48CO/RCO-48CO	RCFS-60CO/RCO-60CO
Climate type			T3	T1/T3	T3
Power supply		Ph-V-Hz	220-240V/50HZ	380V/50HZ	380V/50HZ
Type			Floor standing	Floor standing	Floor standing
Control type			Remote	Remote	Remote
Cooling Mode Details	Capacity	BTU	36000	48000	60000
	Power Input	W	3277	4523	5461
	Current	A	14.9	11.9	24.8
	EER	Btu/hr / W	10.98	10.61	10.99
Moisture removal		L/h	3.2	4.2	4.8
Max. input consumption		W	4260	5881	7100
Max. current		A	20.0	16.0	33.3
Indoor unit	Compressor Type		Rotary	Rotary	Rotary
	Indoor air flow	m3/h	1800	2100	2100
	Noise level	dB(A)	51	51/55	51/55
	Unit dimension (W*H*D)	mm	1906*581*385	1906*581*385	1906*581*385
	Packing (W*H*D)	mm	2023*705*506	2023*705*506	2023*705*506
Outdoor unit	Noise level	dB(A)	62	63	63
	Unit dimension (W*H*D)	mm	920*1077*330	1030*1331*380	1030*1331*380
	Packing (W*H*D)	mm	1088*1170*474	1150*1350*465	1150*1350*465
	Refrigerant type		R410A	R410A	R410A
	Refrigerant charge	Kg	2.45	3.3	3.5
Refrigerant pipe	Liquid side	mm	9.52	9.52	9.52
	Gas side	mm	15.88	19.05	19.05
	Max. refrigerant pipe length	m	15	15	15
	Max. difference in level	m	8	8	8



Superior Performance for Sure Comfort

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