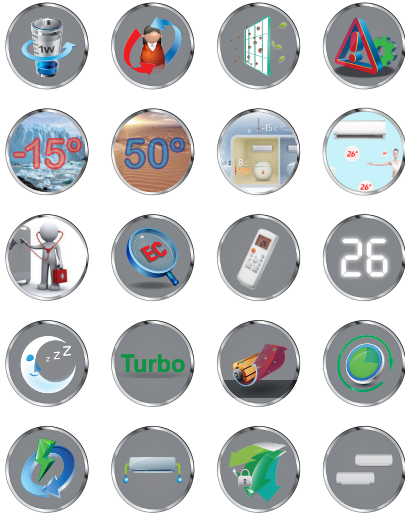


I-COOL R32

Features



OPTIONAL



Code Kit Wi-Fi OSK102



Main Features

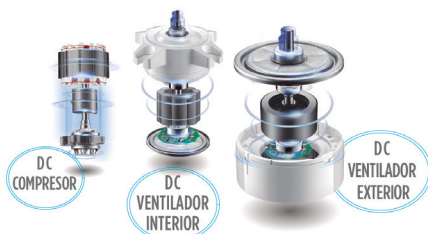
Energy Efficiency

The I-COOL split technologies achieve A++ energy efficiency in cooling and A+++ in heating.



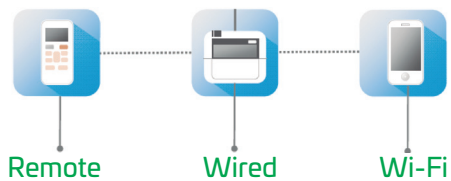
3DC Inverter Technology

In the I-COOL series the compressor and the fan motors work in DC inverter mode, obtaining better operating regulation and energy savings.



Optional Wi-Fi Kit

The I-Cool series equipment is prepared to be controlled by mobile phone from anywhere. Weekly schedules can be created intuitively from the mobile application.



Advanced Remote Control I-Remote

The Coolwell remote control is intuitive to use and includes advanced functions to suit customer needs.



High luminosity screen, clear information and sending signal to the equipment.

“Follow me” function, the user decides where the equipment takes the temperature reference.

Displays values of control options and operating states (advanced mode).

Change of working conditions according to user needs (engineering mode).

I-COOL R32 (Hi-Wall Split)



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Indoor unit code			I-COOL 27 E UI	I-COOL 35 E UI	I-COOL 53 R UI	I-COOL 70 R UI
Outdoor unit code			I-COOL 27 E UE	I-COOL 35 E UE	I-COOL 53 R UE	I-COOL 70 R UE
Power supply		F-V-Hz	Monophase 220-240V 50Hz			
Refrigeration	Capacity	kW	0.9 / 2.6 / 3.4	1.1 / 3.5 / 4.1	1.8 / 5.25 / 6.83	2.1 / 7 / 7.9
	Input power	KW (Min / Max)	0.1 / 0.7 / 1.2	0.1 / 1.2 / 1.6	0.15 / 1.5 / 2.05	0.42 / 2.6 / 3.15
	Rated current	A (Min / Max)	0.4 / 3.1 / 5.4	0.5 / 5.27 / 6.9	2.4 / 6.7 / 8.9	1.8 / 11.5 / 13.8
	PdesignC	KW	2.8	3.6	5.2	7.0
	SEER		6.3	6.1	7.4	6.1
	Energy class		A++	A++	A++	A++
Heating	Capacity	KW (Min / Nom / Max)	0.8 / 2.9 / 3.3	1.1 / 3.8 / 4.2	3.1 / 5.54 / 5.85	1.6 / 7.3 / 7.9
	Input power	KW (Min / Max)	0.1 / 0.7 / 1.2	0.1 / 1.0 / 1.6	0.78 / 1.5 / 2	0.3 / 2.4 / 2.75
	Rated current	A (Min / Max)	0.4 / 6.9	0.4 / 6.9	3.4 / 8.7	1.1 / 12.2
	PdesignH	KW (Heat.average/warmer)	2.1 / 2.6	2.7 / 2.6	4.1 / 4.5	4.8 / 6.1
	SCOP	Heat.average/warmer	4 / 5.1	4 / 5.1	4 / 5.1	4 / 5.0
	Energy class	Heat.average/warmer	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A++
	Temp. operating limit	°C	-15	-15	-15	-15
Indoor Unit	Dimensions (L-P-A)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Net weight	Kg	7.5	7.5	10	12.3
	Dimensions with packaging	mm	870x270x360	870x270x360	1035x295x380	1120x405x310
	Net weight with packaging	Kg	9.7	9.7	13	15.8
	Air flow (Min / Med / Max)	m³/h	360 / 460 / 520	360 / 500 / 600	540 / 680 / 840	662 / 817 / 980
	Sound pressure dB(A)	Sil - Min - Med - Max	21 / 26 / 30 / 40	22 / 26 / 34 / 40	25 / 30 / 37 / 44	28 / 34 / 42 / 44
	Sound power level	dB(A)	53	53	55	59
Outdoor Unit	Dimensions (L-P-A)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Net weight	Kg	23.2	22.7	32.7	42.9
	Dimensions with packaging	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net weight with packaging	Kg	25	25.2	35.4	45.9
	Air flow	m³/h	1750	1800	2100	3500
	Sound pressure (Max)	dB(A)	55.5	56	56	59.5
	Sound power level (Max)	dB(A)	61	65	61	67
Compressor type		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	
Piping Connections	Liquid line	Ø inches (mm)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)	3/8" (9.52)
	Gas line	Ø inches (mm)	3/8" (9.52)	3/8" (9.52)	1/2" (12.7)	5/8" (15.88)
	Max. distance with precharge	m	5	5	5	5
	Additional refrigerant increment	g/m	12	12	12	24
	Maximum total distance	m	25	25	30	50
	Elevation (Max)	m	10	10	20	25
Refrigerant	Refrigerant		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant charge	Kg	0.5	0.5	1.08	1.42
Electrical Connections	Electrical power supply	N° cables / section	3*2.5mm	3*2.5mm	3*2.5mm	3*2.5mm
	Indoor-outdoor interconnection	N° cables / section	5*1.5 mm	5*1.5 mm	5*1.5 mm	5*2.5 mm
	Maximum electrical power	W	2150	2150	2950	3850
	Maximum consumption	A	10	10	13.5	17.5