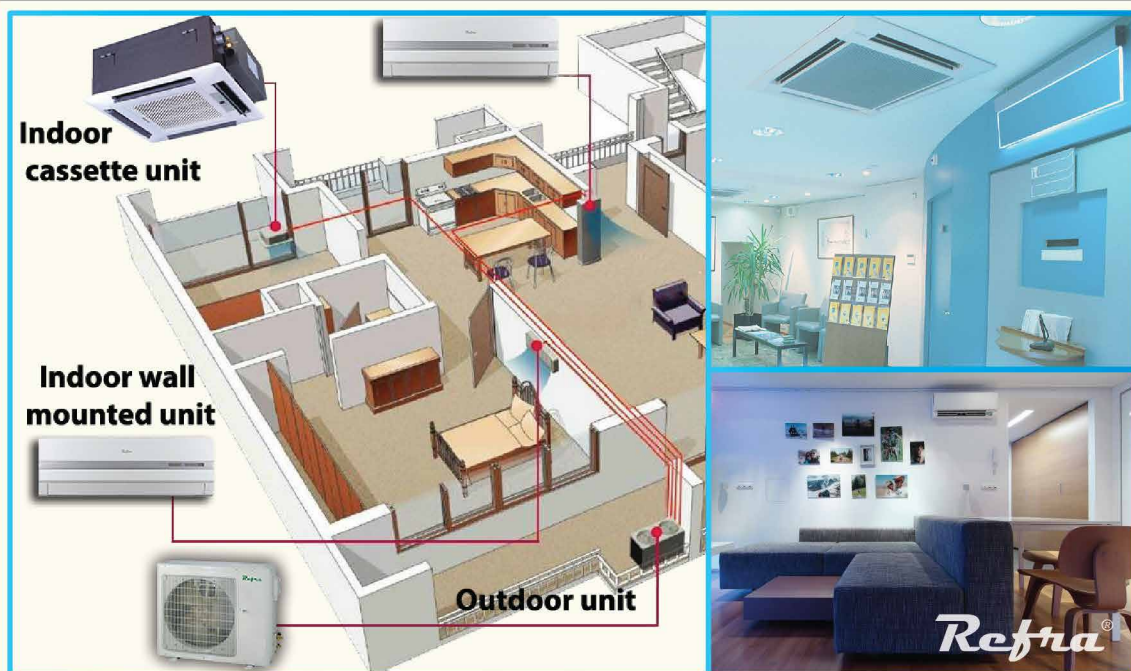


MULTI SPLIT AIR CONDITIONER



MULTI SPLIT SYSTEM

Refra multi split system is necessary to provide total comfort solution for a multi-room application. One outdoor unit is capable of operating 2, 3, 4 or 5 indoor units. They are compact and slimline and are designed to blend in with any room interior.

- Powered by G10 Inverter technology, the unit operates with lower power consumption, lower noise, more comfort.
- The unit is designed with low temperature cooling function, can operate cooling mode under outdoor ambient of -15oC.
- It's a kind of DC inverter multi-split air conditioner that consisted with one outdoor unit and up to five indoor units.
- Different units for choices, the same comfortable feeling for you.

Refra multi split air conditioners features and benefits:

- Easy maintenance
- Quiet operation
- Simple control
- Attractive and efficient design
 - Low voltage start-up
 - Dry Anti-mildew design
 - LED display
 - Automatic Operation
 - Self-diagnosis
 - Memory Function
 - 24-hour Timer
 - Control lock
- Comfortable sleeping mode
 - Auto Clean
 - Soft start
- Drying operation
 - Anti-cool wind
- Intelligent defrosting

**New ERP 2013 series
Energy Efficient Class A**

Highest efficiency G10 inverter Technology with lower power consumption, ultra-low frequency operation, low noise and precise temperature control.

Refra[®]

Refrax® range is highly economical and environmentally friendly, using the good compressor and inverter technology keeping power consumption minimal, but at the same time providing you with powerful cooling and heating.

Energy Star



Remarkable performance saves more energy.



Quiet function



Washable filter



Intelligent defrosting



Vertical swing



Horizontal swing



Turbo function



Auto clean



Self-diagnosis



Wide operation range



Compact design



Auto restart



Cold Air Prevention



Comfortable Sleep Mode



LED Display



1W Standby



Inner groove copper



Timer



Multi fan speed

Outdoor model			RG2M18AR1	RG3M24AR1	RG4M28AR1	RG4M36AR1	RG5M42AR1
Capacity	Cooling	kW	5.1 (2.1 - 6.4)	7.2 (2.2 - 10.2)	8.2 (2.3 - 10.2)	10.0 (3.1 - 10.2)	11.9 (3.6 - 14.0)
	Heating	kW	5.7 (2.6 - 6.8)	8.7 (3.7 - 11.2)	9.6 (2.9 - 11.2)	11.3 (4.6 - 12.3)	13.3 (4.6 - 14.3)
EER/COP		W / W	3.23 / 3.63	3.21 / 3.62	3.23 / 3.63	3.23 / 3.65	3.23 / 3.66
Power Supply		F, V, Hz	1F, 220-240V, 50Hz	1F, 220-240V, 50Hz	1F, 220-240V, 50Hz	1F, 220-240V, 50Hz	1F, 220-240V, 50Hz
Power Input	Cooling	W	1550 (500 - 2550)	2200 (650 - 4500)	2490 (650 - 4500)	3030 (1300 - 4600)	3590 (1300 - 4900)
	Heating	W	1550 (580 - 2700)	2350 (980 - 3950)	2580 (980 - 3950)	3100 (1300 - 4140)	3545 (1300 - 4400)
Outline dimension	H x W x D	mm	955 x 700 x 396	980 x 790 x 427	980 x 790 x 427	1015 x 1103 x 440	1015 x 1103 x 440
Package dimension	H x W x D	mm	1029 x 750 x 458	1083 x 855 x 488	1083 x 855 x 488	1158 x 1235 x 493	1158 x 1235 x 493
Net weight / Brutt weight		kg	50.0 / 55.0	64.0 / 70.0	60.0 / 65.0	102.0 / 112.0	102.0 / 112.0
Sound pressure level		dB	60 / 55 / 50	65 / 59 / 55	65 / 59 / 55	54	54
Operative temperature	Cooling/	°C	+18~+43/	+18~+43/	+18~+43/	+18~+43/	+18~+43/
	Heating		-15~+24	-15~+24	-15~+24	-15~+24	-15~+24
Piping Connection	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	15.9 (5/8)	15.9 (5/8)
	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
Wall-mounted type indoor unit model			RGSM07AR1	RGSM09AR1	RGSM12AR1	RGSM18AR1	
Capacity	Cooling	kW		2.16	2.70	3.60	5.40
	Heating	kW		2.70	2.90	3.90	6.00
Outline dimension	H x W x D	mm		265 x 790 x 174	265 x 790 x 174	275 x 845 x 180	298 x 940 x 200
Package dimension	H x W x D	mm		370 x 873 x 251	370 x 873 x 251	370 x 918 x 258	300 x 1013 x 383
Net weight / Brutt weight		kg		9.0 / 12.0	9.0 / 12.0	10.0 / 13.0	13.0 / 17.0
Sound pressure level		dB (SHV/M/L)		36 / 34 / 31 / 28	37 / 34 / 31 / 28	38 / 34 / 32 / 30	46 / 43 / 40 / 36
Cassette type indoor unit model				RGKM12AR1	RGKM18AR1	RGKM24AR1	
Capacity	Cooling	kW		3.50	5.00	7.10	
	Heating	kW		3.85	5.50	8.00	
Main body outline dimension	H x W x D	mm		230 x 570 x 570	230 x 570 x 570	240 x 840 x 840	
Main body package dimension	H x W x D	mm		325 x 851 x 731	325 x 851 x 731	325 x 963 x 963	
Main body Net weight / Brutt weight		kg		18.0 / 23.0	18.0 / 23.0	30.0 / 38.0	
Panel outline dimension	H x W x D	mm		50 x 650 x 650	50 x 650 x 650	130 x 1043 x 1028	
Panel package dimension	H x W x D	mm		117 x 733 x 673	117 x 733 x 673	310 x 960 x 960	
Panel Net weight / Brutt weight		kg		2.5 / 3.5	2.5 / 3.5	6.5 / 10.0	
Sound pressure level		dB (H/L)		42 / 46	42 / 46	39 / 35	

Cooling: indoor temperature $t=27^{\circ}\text{C}$ DB, $t=19^{\circ}\text{C}$ WB
 outdoor temperature $t=35^{\circ}\text{C}$ DB, $t=24^{\circ}\text{C}$ WB

Heating: indoor temperature $t=20^{\circ}\text{C}$ DB, $t=15^{\circ}\text{C}$ WB
 outdoor temperature $t=7^{\circ}\text{C}$ DB, $t=6^{\circ}\text{C}$ WB

